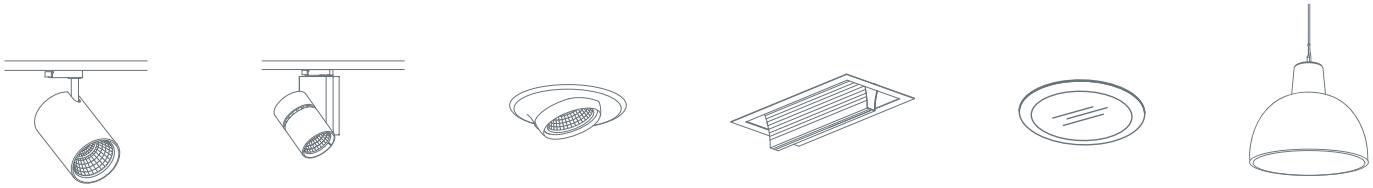
ansorg

Lighting Tools 2017

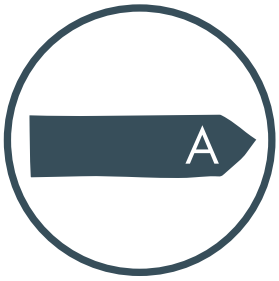


WE COMBINE DESIGN AND TECHNOLOGY

Registered office: Mülheim an der Ruhr

WHAT SETS ANSORG APART FROM THE REST OF THE MARKET

More than 60 years' experience in sales-promoting lighting



High energy efficiency and the latest technologies

All-round-carefree services

Our own lighting design team creates customized concepts

Our own product development

Global supply chain and quality made in Germany

Certified development and production

International presence and roll-out capability

Customized product solutions

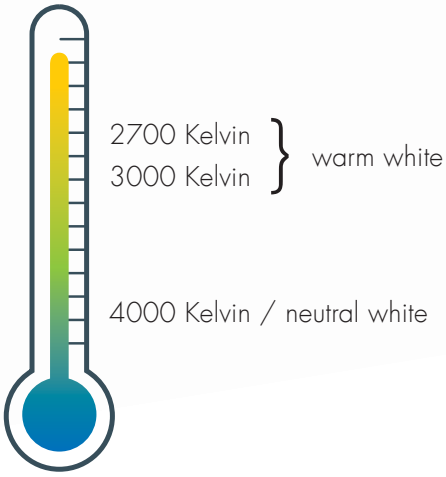
Subject to technical alterations! © Ansorg GmbH

LIGHT COLOURS

All of our luminaires are equipped with LED lighting equipment.

COLOUR TEMPERATURES/LIGHT COLOURS

Ansorg LED luminaires are available with the following standard light colours:



CRI (COLOUR RENDERING INDEX)

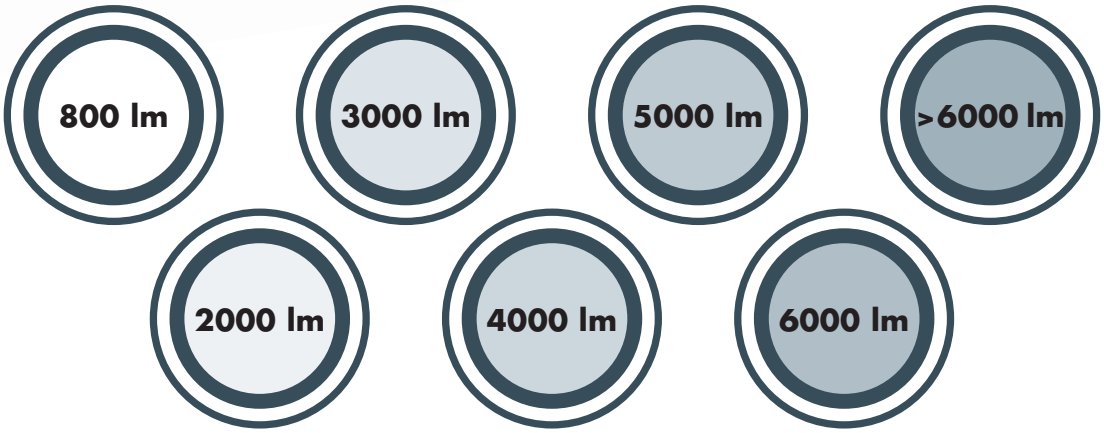
All of the LED modules used at Ansorg have, as the standard, depending on the lighting task, a CRI of Ra >80 or Ra >90.
Brilliant stands for best colour & best white and is comparable with CRI/Light colour 930.
Meat module for better colour rendition in the red range.

Subject to technical alterations! © Ansorg GmbH

LUMEN CLASSES

LEVELS OF PERFORMANCE / LUMEN CLASSES

Due to the high light yield of the LEDs that is still improving further, thinking in lumen classes is particularly relevant to the planning of shop lighting.
It is important that the lumen values leading to allocation to a lumen class refer to the **system luminous flux of the luminaire**, and not to the luminous flux of the LED module.

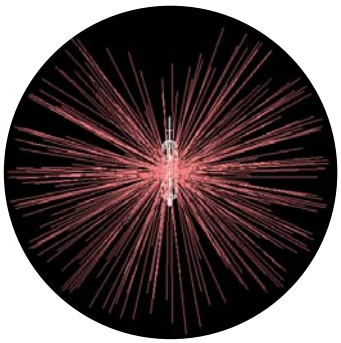


REFLECTOR TECHNOLOGY

Conventional light sources radiate their light in a solid angle of almost 360°, LEDs on the other hand, oriented from the outset, in a solid angle of <180°.

The radiation pattern of the LED unit therefore necessitates an adjusted design of the reflector equipment. For this reason we develop our own 3D facetted reflectors, finely tuned to our luminaires.

HIT - 360°

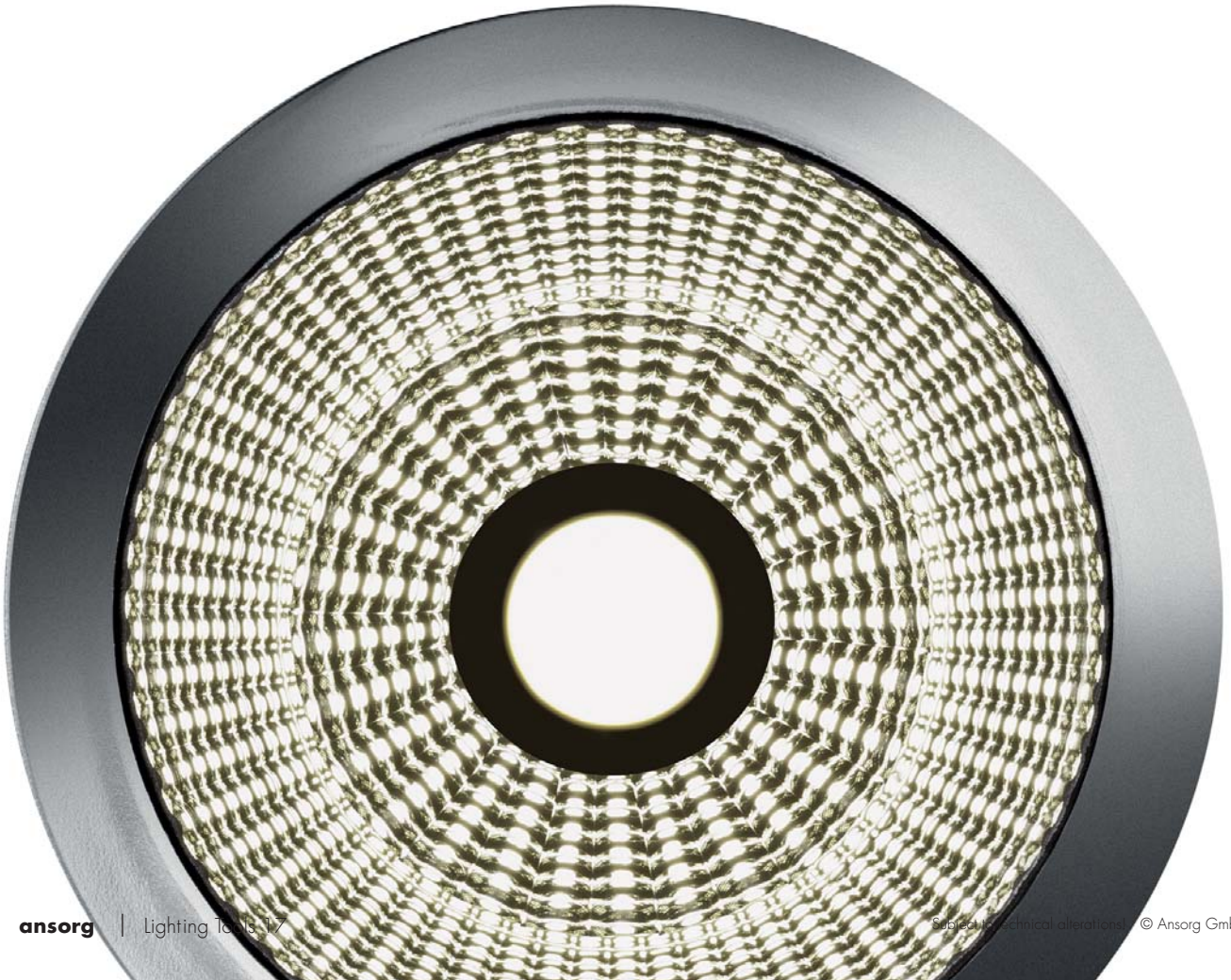


LED - 180°

LIGHT DISTRIBUTION IN THE REFLECTOR

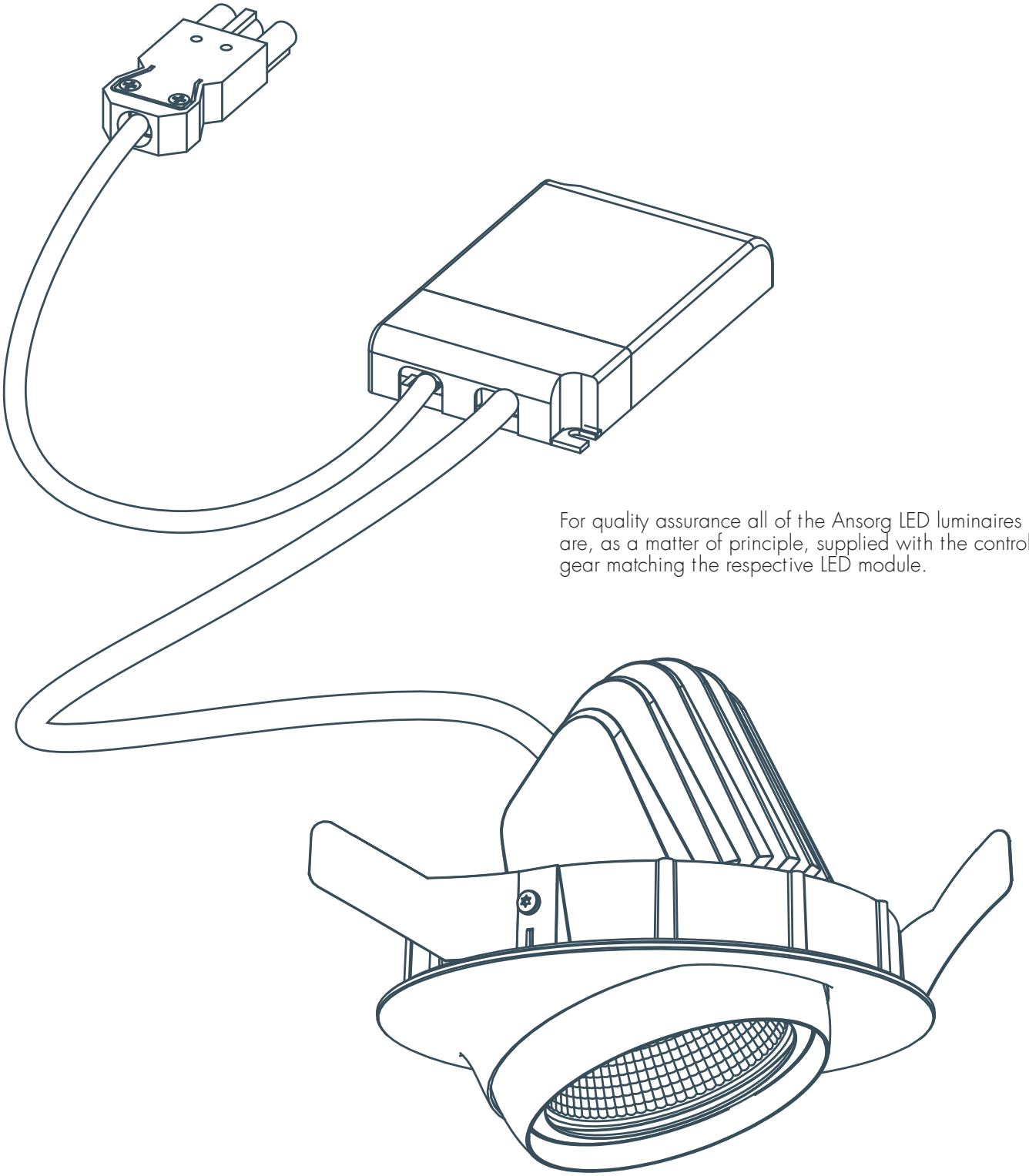
By means of the development of a specific reflectordesign, marked quality enhancements have been achieved.

EFFICIENT 3D REFLECTOR EQUIPMENT FROM ANSORG



Subject to technical alterations © Ansorg GmbH

LED CONTROL GEARS



For quality assurance all of the Ansorg LED luminaires are, as a matter of principle, supplied with the control gear matching the respective LED module.

DYNAMIC LIGHTING FOR THE SALESROOM

EASY LIGHTING CONTROL

1 VITALISE YOUR LIGHTING ATMOSPHERE – USE THE ANSORG "EASY" LIGHTING CONTROL SYSTEM.

WIRELESS LIGHTING CONTROL VIA IPAD (≥ iPAD3) + BLUETOOTH

PASSWORD-PROTECTED ACCESS

2 SET THE SCENE LIKE ON A STAGE – EVERYTHING WITHOUT INSTALLATION EFFORT.

DOWNLOAD VIA APP STORE

191

191 ADDRESSES / LUMINAIRES IN A MAX. OF 64 GROUPS / ROOMS

3 DESIGN YOUR LIGHTING SIMPLY AND IN COMFORT – BY WIRELESS MEANS VIA YOUR TABLET (IPAD OR IPAD MINI).

64

64 LIGHTING SCENES CAN BE GROUPED IN A MAXIMUM OF 5 SEQUENCES

20m

RANGE OF UP TO 20 M – EXTENDABLE VIA REPEATER FUNCTION

4 DEFINE CUSTOMISED LIGHTING SCENES - RETRIEVAL BY TOUCH.

NO ADDITIONAL INSTALLATION EFFORT, ESPECIALLY SUITABLE FOR EXISTING POWER TRACK SYSTEMS

NO ADDITIONAL CONTROL GEARS

5 DIM YOUR LIGHT WITHOUT ANY LOSS OF QUALITY – SAVE ENERGY.

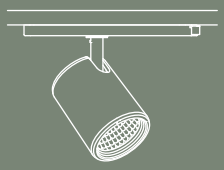
PRODUCTS AT A GLANCE

100% LED

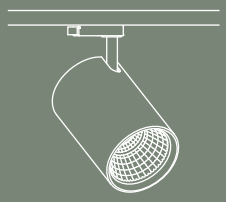
SPOTLIGHTS

CORAY
20

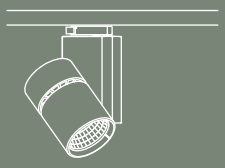
KONO
24



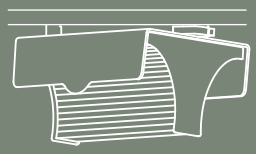
SUNO
28



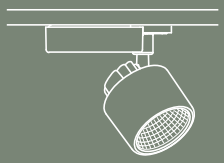
BIT
32



NAVO
36



BOP
44



TAKE
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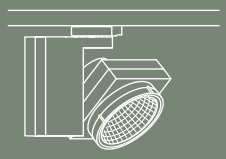
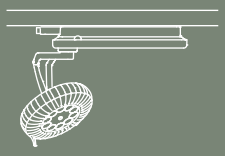


ORIO
52



TECNO
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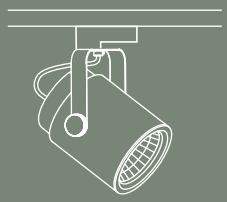
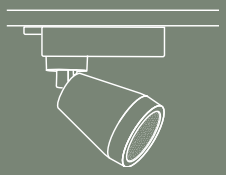


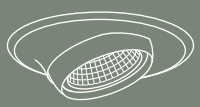
BRICK
60



RECESSED SPOTLIGHTS

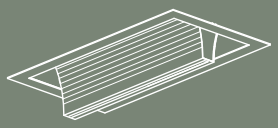
CORAY
70

VECTO
74

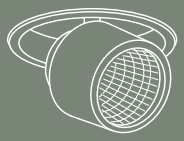


BIT
82

NAVO
86



BOP
90



PUNTA
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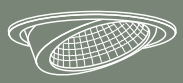
CARDO
98



ORIO
104

DOWNLIGHTS

MAXX
112

PIZZA
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SUSPENDED LUMINAIRES

MONA
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COLLECTION
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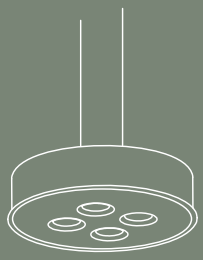
PIAZZA
134



PIZZA
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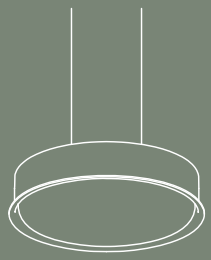
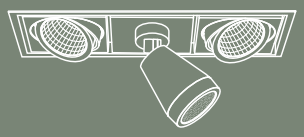
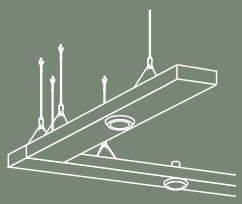


SYSTEMS

LIGHTSTRIPE
146



FLOATLINE
158



CORDLINE
164

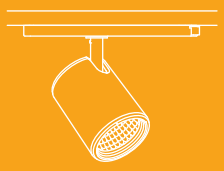
ACCESSORIES

TRACKS
170

SPOT LIGHTS

CORAY
20

KONO
24



SUNO
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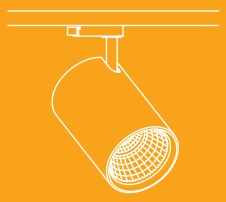

BIT
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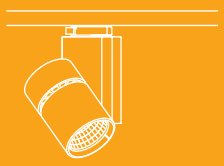
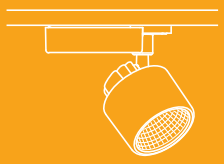


NAVO
36

BOP
44



TAKE
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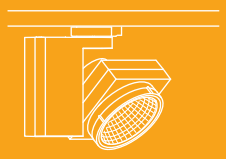
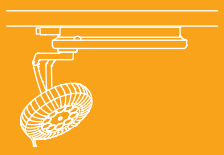


ORIO
52



TECNO
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BRICK
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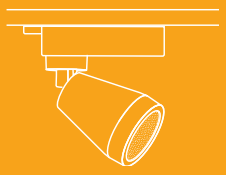

Compendium

Spotlights CORAY

Product	Lumen category	CRI Light colour	Reflector		Page
Coray CMT	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		22

Spotlights KONO

Product	Lumen category	CRI Light colour	Reflector		Page
Kono KTM	3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		26

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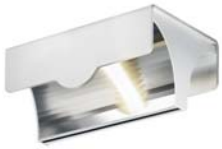
Spotlights SUNO

Product	Lumen category	CRI Light colour	Reflector		Page
Suno TLS	3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood Very-Wide-Flood		30

Spotlights BIT

Product	Lumen category	CRI Light colour	Reflector		Page
Bit BMT	2000 lm 3000 lm max. 3500 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		34

Compendium
Spotlights NAVO

Product	Lumen category	CRI Light colour	Reflector		Page
Navo NSK	4000 lm	830 840 927	directional washer		38
	6000 lm				
	8000 lm		double directional washe		39
	12000 lm				
Navo NSH	6000 lm	830 840	directional washer		40
	12000 lm		double directional washe		41
Navo NSW	4000 lm	830 840 927	Wallwasher		42
	6000 lm				
Navo NSG	6000 lm	830	2 x Wide-Flood		43

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Compendium

Spotlights BOP

Product	Lumen category	CRI Light colour	Reflector		Page
Bop BKL	2000 lm 3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		46

Spotlights TAKE

Product	Lumen category	CRI Light colour	Reflector		Page
Take TKL	3000 lm 4000 lm 5000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		48

Spotlights ORIO

Product	Lumen category	CRI Light colour	Reflector		Page
Orio TPL	max. 2600 lm	830	Spot		52

Compendium

Spotlights TECNO

Product	Lumen category	CRI Light colour	Reflector		Page
Tecno TML	2000 lm 3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood		58
Tecno TBL	3000 lm 4000 lm				59

Spotlights BRICK

Product	Lumen category	CRI Light colour	Reflector		Page
Brick BML	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		62, 63

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CORAY Spotlights

Subject to technical alterations! © Ansorg GmbH

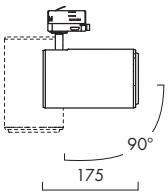
- Compact shape and slim design
- Multiple LED and reflector configurations offer great flexibility in lighting design
- Brilliant light quality thanks to faceted 3D reflectors

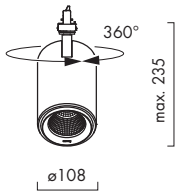
More range variants: Recessed spotlights page 70

CORAY CMT

- Lighting technology LED
- For three-circuit track or surface mounting
- Surface mounted by means of ceiling jack for adapter
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- Weight 1.4 kg
- Colors: white/anthracite/silver

IP20

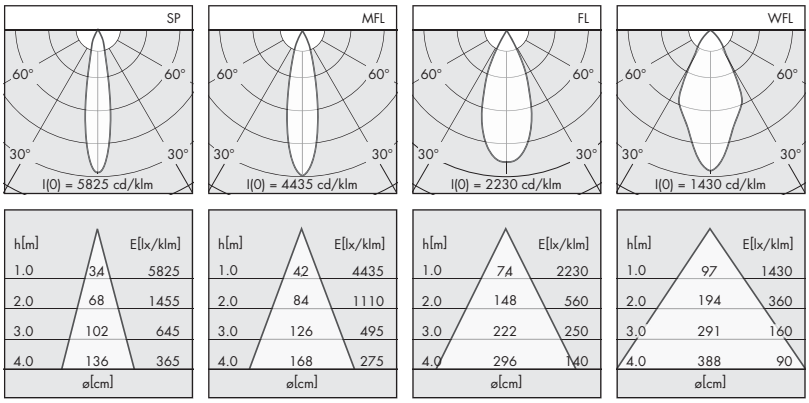




Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**16 W**	125 lm/W	SP MFL FL WFL
	3000 lm	**29 W**	107 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 CM 0300-01**
	MFL	**17 CM 0300-02**
	FL	**17 CM 0300-03**
	WFL	**17 CM 0300-04**
Ceiling jack for adapter	white	**16 NK 70319002**
	black	**16 NK 70319003**
Recessed ceiling jack	white	**16 NK 70360002**
	black	**16 NK 70360003**

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KONO Spotlights

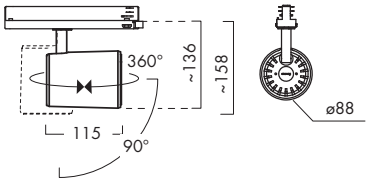
Subject to technical alterations! © Ansorg GmbH

- Flexible use thanks to strong performance and integrated control unit in the power track adapter
- Long product service life thanks to efficient temperature management
- Particularly well suited to the shop window display thanks to brilliant light quality on the basis of facetted 3D reflectors

KONO KTM

- Lighting technology LED
- For three-circuit track mounting (Global or Stucchi)
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- Weight 0.8 kg
- Colors: white/anthracite/silver

IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**29 W**	107 lm/W	SP MFL FL WFL
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

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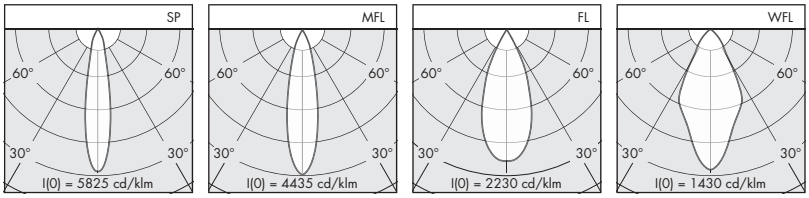


h[m]	ø[cm]	E[lx/klm]
1.0	34	5825
2.0	68	1455
3.0	102	645
4.0	136	365

h[m]	ø[cm]	E[lx/klm]
1.0	42	4435
2.0	84	1110
3.0	126	495
4.0	168	275

h[m]	ø[cm]	E[lx/klm]
1.0	74	2230
2.0	148	560
3.0	222	250
4.0	296	140

h[m]	ø[cm]	E[lx/klm]
1.0	97	1430
2.0	194	360
3.0	291	160
4.0	388	90

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HLB 610**
	MFL	**17 HLB 410**
	FL	**17 HLB 210**
	WFL	**17 HLB 110**

Subject to technical alterations! © Ansorg GmbH

SUNO Spotlights

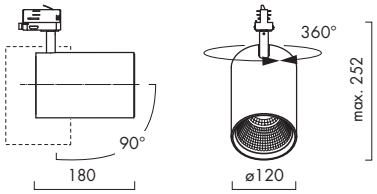
Subject to technical alterations! © Ansorg GmbH

- Very high performance thanks to efficient thermal management
- Compact structure with only one suspension point
- Clean, simple design with integrated driver

SUNO TLS

- Lighting technology LED
- For three-circuit track or surface mounting
- Tilting and turning (360°/90°)
- with integral reflector SP, MFL, WFL or VWFL
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight 1.3 kg
- Colors: white/anthracite/silver

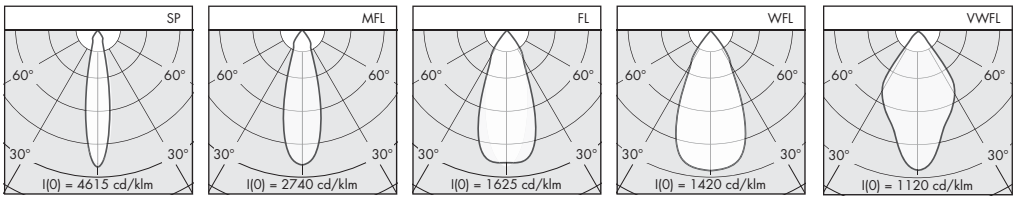
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	97 lm/W	SP MFL FL WFL VWFL
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	35	4615
2.0	70	1155
3.0	105	515
4.0	140	289

h[m]	ø[cm]	E[lx/klm]
1.0	54	2740
2.0	108	685
3.0	162	305
4.0	216	170

h[m]	ø[cm]	E[lx/klm]
1.0	79	1625
2.0	158	405
3.0	237	180
4.0	316	100

h[m]	ø[cm]	E[lx/klm]
1.0	91	1420
2.0	182	355
3.0	273	160
4.0	365	90

h[m]	ø[cm]	E[lx/klm]
1.0	122	1120
2.0	244	280
3.0	366	125
4.0	488	70

Subject to technical alterations! © Ansorg GmbH

BIT Spotlights

Subject to technical alterations! © Ansorg GmbH

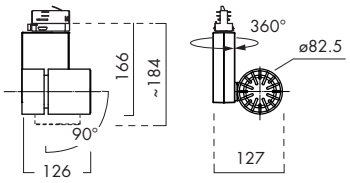
- Very efficient spotlight
- Neutral unobtrusive design

More range variants: Recessed spotlights page 82

BIT BMT

- Lighting technology LED
- For three-circuit track or surface mounting
- Surface mounted by means of ceiling jack for adapter
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- DALI and EASY-Lighting control system is possible
- Weight 0.8 kg
- Colors: white/anthracite/silver

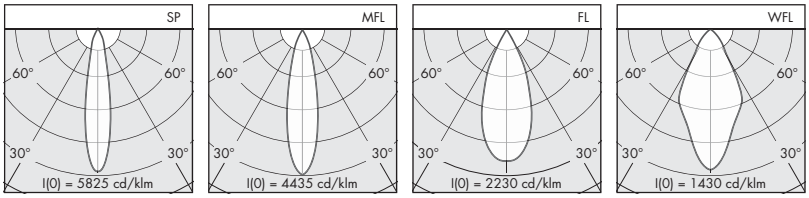
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
	max. 3500 lm	**38 W**	92 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	34	5825
2.0	68	1455
3.0	102	645
4.0	136	365

h[m]	ø[cm]	E[lx/klm]
1.0	42	4435
2.0	84	1110
3.0	126	495
4.0	168	275

h[m]	ø[cm]	E[lx/klm]
1.0	74	2230
2.0	148	560
3.0	222	250
4.0	296	140

h[m]	ø[cm]	E[lx/klm]
1.0	97	1430
2.0	194	360
3.0	291	160
4.0	388	90

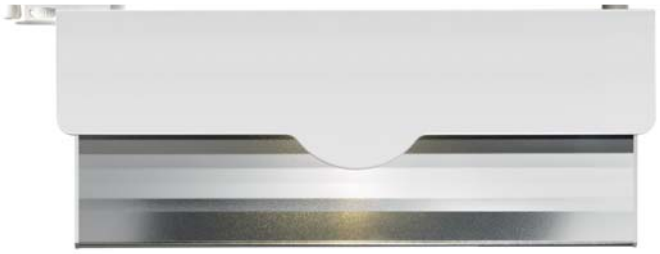
Optional accessories

		Article number
Interchangeable reflector	SP	**17 HLB 610**
	MFL	**17 HLB 410**
	FL	**17 HLB 210**
	WFL	**17 HLB 110**
Ceiling jack for adapter	white	**16 NK 70319002**
	black	**16 NK 70319003**
Recessed ceiling jack	white	**16 NK 70360002**
	black	**16 NK 70360003**

Subject to technical alterations! © Ansorg GmbH

NAVO Spotlights

Subject to technical alterations! © Ansorg GmbH



- Award winning, efficient aisle lighting.
- Efficient illumination of vertical displays
- Glare control, indirect light direction
- Flexible and adaptable to store layout changes by means of accessories

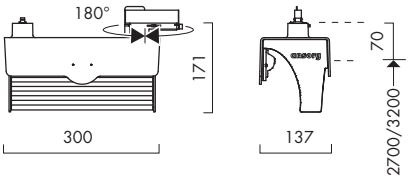
More range variants: Recessed spotlights page 86

Subject to technical alterations! © Ansorg GmbH

NAVO NSK_DF

- Lighting technology LED
- Spotlight as directional washer
- For three-circuit track
- With integral reflectorDF-NB or reflector DF-NX
- Interchangeable reflectors
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx. 1.6 kg
- Colors: white/anthracite/silver

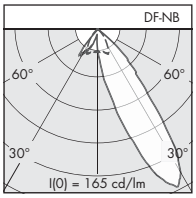
EAC IP20

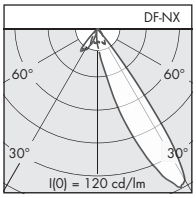


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	4000 lm	**35 W**	116 lm/W	DF-NB DF-NX
	6000 lm	**50 W**	118 lm/W	
840 927	Photometric data on request			

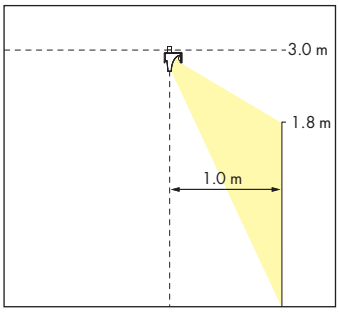
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



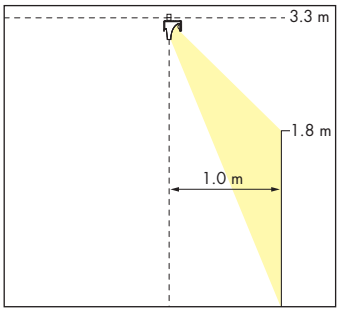


Planning information

DF-NB
preferred mounting height track
3.0 m



DF-NX
preferred mounting height track
3.3 m



Other aisle widths on request.

Optional accessories

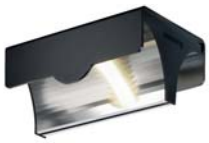
		Article number
Safety glass		**17 AD 0101**
Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	for NB reflector for NX reflector	**17 RF 2000** **17 RF 2001**
Set of interchangeable reflector (1x reflector/1x lamellae)	NB reflector NX reflector	**17 RF 2002** **17 RF 2003**

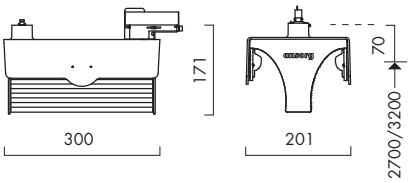
Subject to technical alterations! © Ansorg GmbH

NAVO NSK_DDF

- Lighting technology LED
- Spotlight as two-directional washer
- For three-circuit track
- With integral reflectorDDF-NB or reflector DDF-NX
- Interchangeable reflectors
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx. 2.2 kg
- Housing color: white/anthracite/silver

IP20

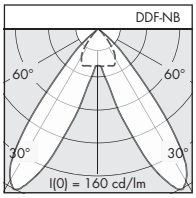


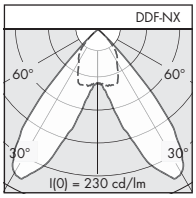


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	8000 lm	**70 W**	116 lm/W	DDF-NB DDF-NX
	12000 lm	**100 W**	118 lm/W	
840 927	Photometric data on request			

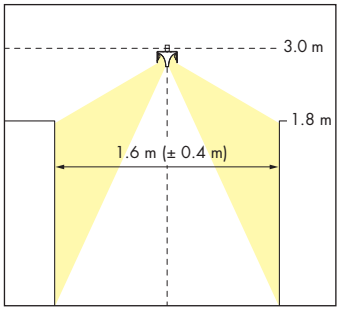
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



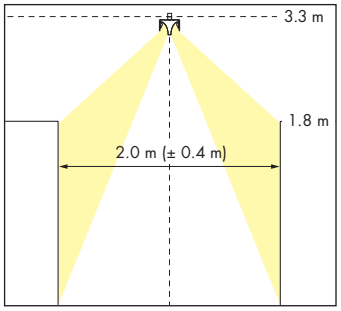


Planning information

DDF-NB
preferred mounting height track
3.0 m



DDF-NX
preferred mounting height track
3.3 m



Other aisle widths on request.

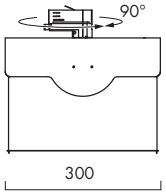
Optional accessories

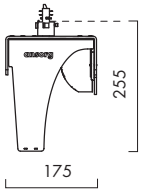
		Article number
Safety glass (1 pair)		**17 AD 0100**
Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	for NB reflector	**17 RF 2000**
	for NX reflector	**17 RF 2001**
Set of interchangeable reflector (1x reflector/1x lamellae)	NB reflector	**17 RF 2002**
	NX reflector	**17 RF 2003**

NAVO NSH_DF

- Lighting technology LED
- Spotlight as directional washer
- For three-circuit track
- Turnable (90°)
- With integral reflectorDF-NS
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx. 2.1 kg
- Colors: white/anthracite/silver

IP20

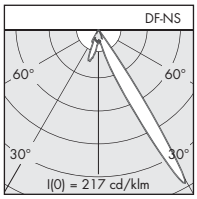




Photometric data

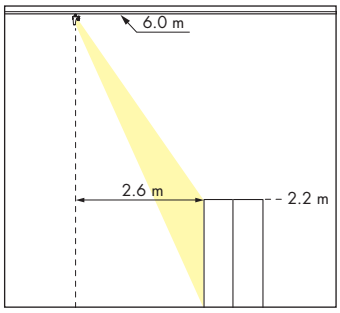
CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	6000 lm	**52 W**	120 lm/W	DF-NS
840			124 lm/W	

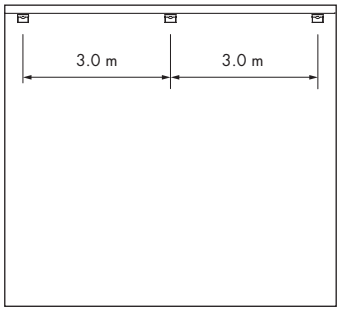
The information for the photometric values are standard values and refer to the entire luminaire.



Planning information

preferred mounting height track
6.0 m



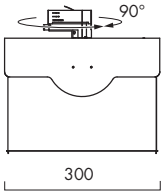


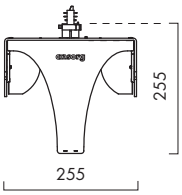
Subject to technical alterations! © Ansorg GmbH

NAVO NSH_DDF

- Lighting technology LED
- Spotlight as two-directional washer
- For three-circuit track
- Turnable (90°)
- With integral reflectorDDF-NS
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx. 2.7 kg
- Housing color: white/anthracite/silver

IP20

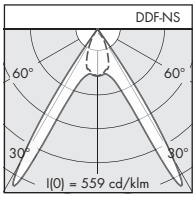




Photometric data

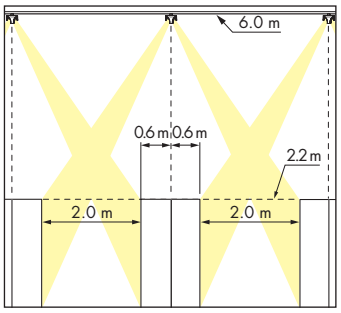
CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	12000 lm	**104 W**	120 lm/W	DDF-NS
840			124 lm/W	

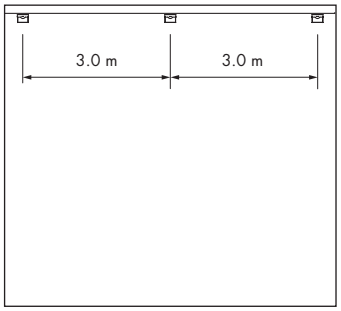
The information for the photometric values are standard values and refer to the entire luminaire.



Planning information

preferred mounting height track
6.0 m

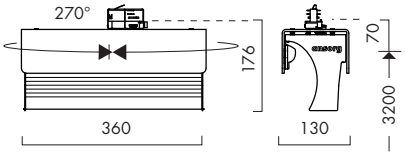




NAVO NSW

- Wallwasher
- Lighting technology LED
- For three-circuit track
- With integral reflector WW
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx. 2.1 kg
- Colors: white/anthracite/silver

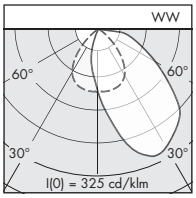
IP20



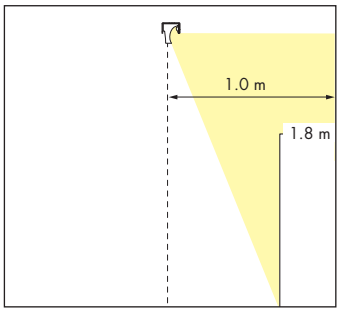
Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	4000 lm	**35 W**	116 lm/W	WW
	6000 lm	**50 W**	118 lm/W	
840 927	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Planning information

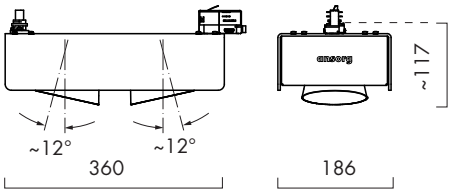


Subject to technical alterations! © Ansorg GmbH

NAVO NSG

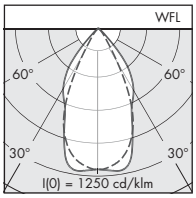
- Downlight
- Lighting technology LED
- For three-circuit track
- Two reflectors WFL with tilt angle (~ 12°) included
- Connection data: 220-240 V, 50/60 Hz
- DALI control system is possible
- Weight approx 2.8 kg
- Housing color: white/anthracite/silver

IP20



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830 840	6000 lm	**60 W**	105 lm/W	2 x WFL

The information for the photometric values are standard values and refer to the entire luminaire.



h[m]		E[lx/klm]
1.0	94	1250
2.0	187	315
3.0	281	140
4.0	375	80
	ø[cm]	

BOP Spotlights

Subject to technical alterations! © Ansorg GmbH

- Economic mix of glass-fibre reinforced plastic and die cast aluminium
- Uncluttered ceiling pattern thanks to balanced design characterised by generously dimensioned radius
- Add-on accessories for reduction of scattered light

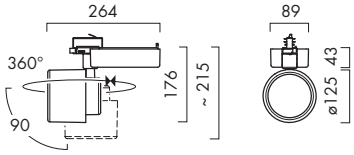
More range variants: Recessed spotlights page 90

Subject to technical alterations! © Ansorg GmbH

BOP BKL

- Lighting technology LED
- For three-circuit track
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- EASY-Lighting control system is possible
- Weight 1.4 kg
- Colors: white/anthracite/silver

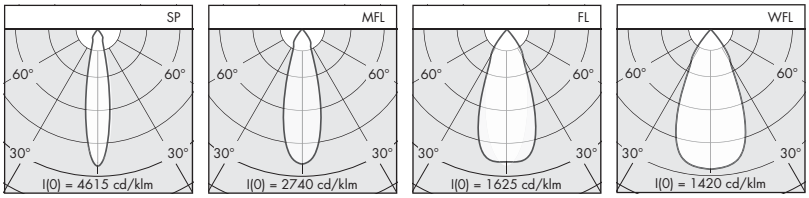
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**30 W**	105 lm/W	
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	35	4615
2.0	70	1155
3.0	105	515
4.0	140	289

h[m]	ø[cm]	E[lx/klm]
1.0	54	2740
2.0	108	685
3.0	162	305
4.0	216	170

h[m]	ø[cm]	E[lx/klm]
1.0	79	1625
2.0	158	405
3.0	237	180
4.0	316	100

h[m]	ø[cm]	E[lx/klm]
1.0	91	1420
2.0	182	355
3.0	273	160
4.0	365	90

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HY2 BXX.**
	MFL	**17 HY2 CXX.**
	FL	**17 HY2 DXX.**
	WFL	**17 HY2 EXX.**
Glare reduction asymmetric		**17 ZR 0004-...**
Glare reduction cylindric		**17 ZR 0005-...**

Subject to technical alterations! © Ansorg GmbH

TAKE Spotlights

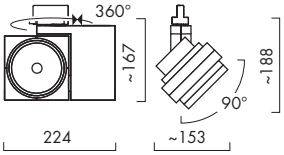
Subject to technical alterations! © Ansorg GmbH

- Compact and easy design thanks to horizontal arrangement of ballast housing and lighting head
- Brilliant light quality and high efficiencies
- Add-on accessories for reduction of scattered light

TAKE TKL

- Lighting technology LED
- For three-circuit track or surface mounting
- Surface mounted by means of ceiling jack for adapter
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- DALI control and EASY-Lighting control system is possible
- Weight 1.7 kg
- Colors: white/anthracite/silver

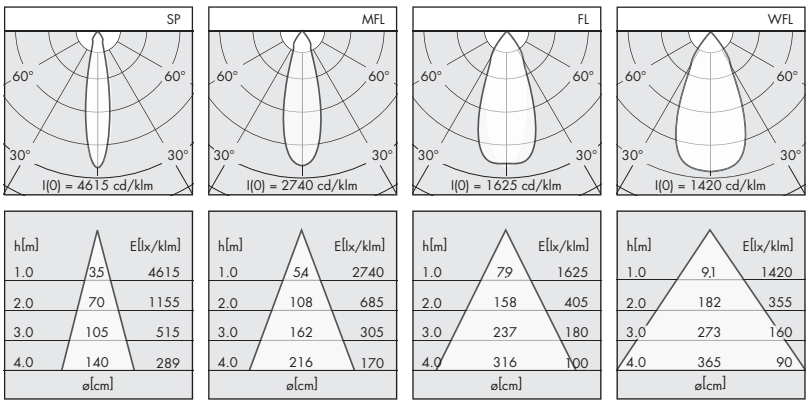
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	105 lm/W	SP MFL FL WFL
	4000 lm	**40 W**	105 lm/W	
	5000 lm	**47 W**	106 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 HW2 BXX.**
	MFL	**17 HW2 CXX.**
	FL	**17 HW2 DXX.**
	WFL	**17 HW2 EXX.**
Glare reduction asymmetric		**17 ZR 0006-...**
Glare reduction cylindric		**17 ZR 0007-...**
Ceiling jack for adapter	white	**16 NK 70319002**
	black	**16 NK 70319003**
Recessed ceiling jack	white	**16 NK 70360002**
	black	**16 NK 70360003**

Subject to technical alterations! © Ansorg GmbH

ORIO Spotlights

Subject to technical alterations! © Ansorg GmbH

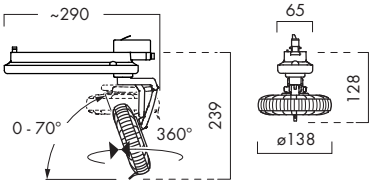
- Flexible alignment of the lighting head thanks to innovative articulation mechanism
- Toolless replacement of the lenses
- Unique design

More range variants: Recessed spotlights page 104

ORIO TPL

- Lighting technology LED
- For three-circuit track
- The spotlight head is flexibly alignable thanks to a special joint
- With integral reflector unit SP
- Connection data: 220-240 V, 50/60 Hz
- Weight approx. 1.3 kg
- Colors: white/anthracite/silver

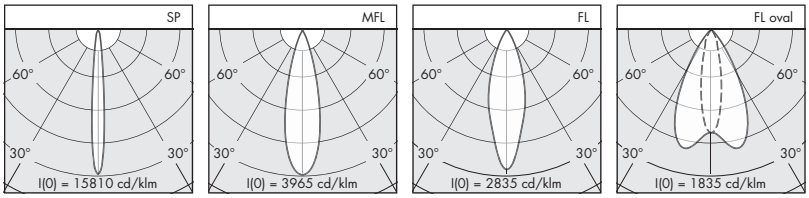
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	max. 2600 lm	**33 W**	79 lm/W	SP

The information for the photometric values are standard values and refer to the entire luminaire.



h[m]		E[lx/klm]
1.0	17	15810
2.0	34	3955
3.0	51	1755
4.0	68	990
	ø[cm]	

h[m]		E[lx/klm]
1.0	47	3965
2.0	94	990
3.0	141	440
4.0	188	250
	ø[cm]	

h[m]		E[lx/klm]
1.0	54	2835
2.0	108	710
3.0	162	315
4.0	216	175
	ø[cm]	

C90_270		
h[m]		E[lx/klm]
1.0	109	1835
2.0	218	460
3.0	327	205
4.0	436	115
	ø[cm]	

C0_180		
h[m]		E[lx/klm]
1.0	40	1835
2.0	80	460
3.0	120	205
4.0	160	115
	ø[cm]	

Optional accessories

	Article number
Lens tools: set of three lenses for the beam angles MFL, FL, FL oval	**17 TP 2XXN**

Subject to technical alterations! © Ansorg GmbH

TECNO Spotlights

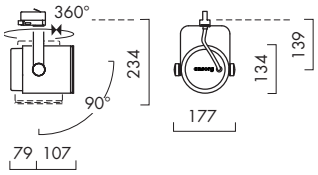
Subject to technical alterations! © Ansorg GmbH

- Minimalistic design
- Variety of accessories for different lighting scene settings

TECNO TML

- Lighting technology LED
- For three-circuit track or surface mounting
- Surface mounted by means of ceiling jack for adapter
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL or FL
- Connection data: 220-240 V, 50/60 Hz
- Weight 2.0 kg
- Colors: white/anthracite/silver

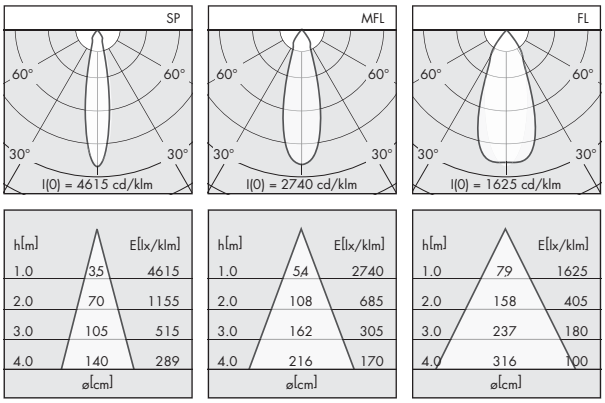
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL
	3000 lm	**30 W**	105 lm/W	
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

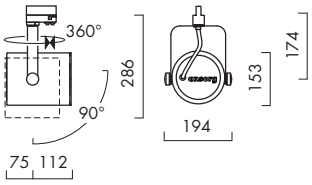
		Article number
Barn doors		**17 BK 1000-402**
Ceiling jack for adapter	white	**16 NK 70319002**
	black	**16 NK 70319003**
Recessed ceiling jack	white	**16 NK 70360002**
	black	**16 NK 70360003**

Subject to technical alterations! © Ansorg GmbH

TECNO TBL

- Lighting technology LED
- For three-circuit track or surface mounting
- Surface mounted by means of ceiling jack for adapter
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- Active cooling
- DALI control system is possible
- Weight 2.1 kg
- Colors: white/anthracite/silver

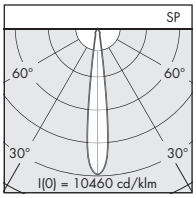
EAC IP20

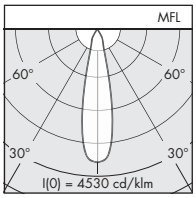


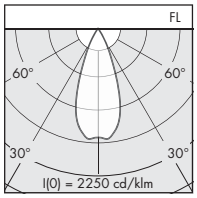
Photometric data

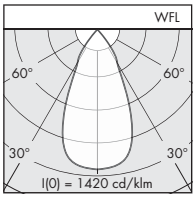
CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	105 lm/W	SP MFL FL WFL
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.









h[m]	ø[cm]	E[lx/klm]
1.0	24	10460
2.0	48	2615
3.0	72	1160
4.0	96	655

h[m]	ø[cm]	E[lx/klm]
1.0	42	4530
2.0	84	1130
3.0	126	505
4.0	168	285

h[m]	ø[cm]	E[lx/klm]
1.0	72	2250
2.0	144	560
3.0	216	250
4.0	288	140

h[m]	ø[cm]	E[lx/klm]
1.0	91	1420
2.0	182	355
3.0	273	160
4.0	365	90

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HA2 BXX.**
	MFL	**17 HA2 CXX.**
	FL	**17 HA2 DXX.**
	WFL	**17 HA2 EXX.**
Ceiling jack for adapter	white	**16 NK 70319002**
	black	**16 NK 70319003**
Recessed ceiling jack	white	**16 NK 70360002**
	black	**16 NK 70360003**

BRICK Spotlights

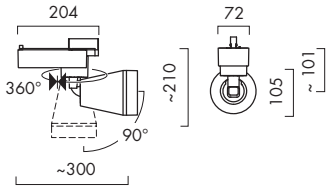
Subject to technical alterations! © Ansorg GmbH

- Minimal design
- Flexible use as a directional spotlight or downlight

BRICK BML

- Lighting technology LED
- For three-circuit track or surface mounting
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Connection data: 220-240 V, 50/60 Hz
- Weight 1.5 kg
- Colors: white/anthracite/silver

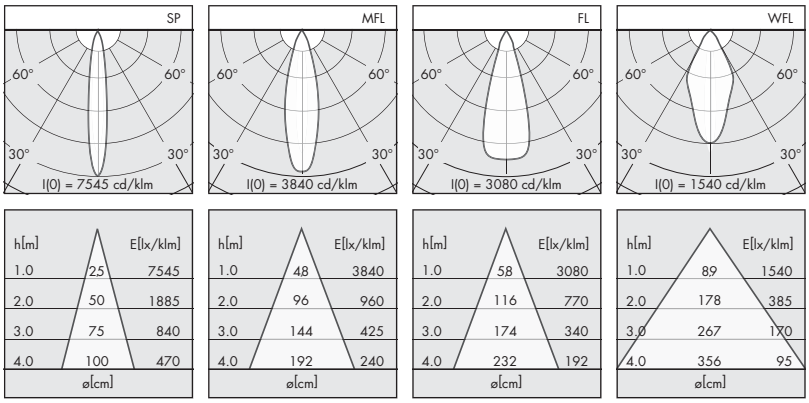
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 HB BXX.**
	MFL	**17 HB CXX.**
	FL	**17 HB DXX.**
	WFL	**17 HB EXX.**
Safety glass		**19 GL 9010**
Mood filter Bordeaux		**19 GL 9010-BD**
Mood filter Gold		**19 GL 9010-GD**
Mood filter Rose		**19 GL 9010-RS**
Mood filter Sun		**19 GL 9010-SN**

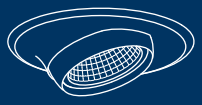
Subject to technical alterations! © Ansorg GmbH

Optional accessories	Article numbers
Glare reduction cylindrical incl. safety glass	**17 TU 9010-...**
Glare reduction cylindrical incl. safety glass and honeycomb grid	**17 TU 9110-...**
Glare reduction cylindrical incl. Mood filter Bordeaux	**17 TU 9010-BD-...**
Glare reduction cylindrical incl. Mood filter Gold	**17 TU 9010-GD-...**
Glare reduction cylindrical incl. Mood filter Rose	**17 TU 9010-RS-...**
Glare reduction cylindrical incl. Mood filter Sun	**17 TU 9010-SN-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Bordeaux	**17 TU 9110-BD-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Gold	**17 TU 9110-GD-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Rose	**17 TU 9110-RS-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Sun	**17 TU 9110-SN-...**
Honeycomb grid incl. safety glass	**17 WR 9110-...**
Honeycomb grid incl. Mood filter Bordeaux	**17 WR 9110-BD-...**
Honeycomb grid incl. Mood filter Gold	**17 WR 9110-GD-...**
Honeycomb grid incl. Mood filter Rose	**17 WR 9110-RS-...**
Honeycomb grid incl. Mood filter Sun	**17 WR 9110-SN-...**

RECESSED SPOT LIGHTS

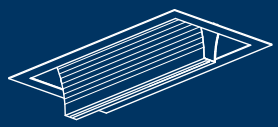
CORAY
70

VECTO
74

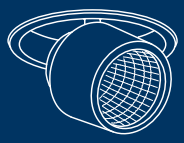


BIT
82

NAVO
86

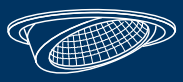


BOP
90



PUNTA
94

CARDO
98



ORIO
104

Compendium
Spotlights CORAY

Product	Lumen category	CRI Light colour	Reflector		Page
Coray CMR	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		72
Coray CMN	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		73

Recessed spotlights VECTO

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Vecto VDL	Ø 185 mm	3000 lm 4000 lm 5000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		76
Vecto VML						77
Vecto VRL						78

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Recessed spotlights VECTO

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Vecto VDM	Ø 130 mm	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		79
Vecto VMM						80
Vecto VRM						81

Recessed spotlights BIT

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Bit BMR	Ø 130 mm	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		84

Compendium

Recessed spotlights NAVO

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Navo NEK	150 x 320 mm	4000 lm	830 840 927	directional washer		88
		6000 lm				
	210 x 320 mm	8000 lm		double directional washe		89
		12000 lm				

Semi-recessed spotlights BOP

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Bop BEL	Ø 185 mm	2000 lm 3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		92

Recessed spotlights PUNTA

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Punta NRL	Ø 95 mm	800 lm	830 840 930	Spot Medium-Flood Flood		96

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Compendium

Recessed spotlights CARDO

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Cardo CTL	Ø 185 mm	3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Spot Medium-Flood Flood Wide-Flood		100
Cardo CBL	Ø 130 mm	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		101, 102

Recessed spotlights ORIO

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Orio TAL	Ø 165 mm	max. 2600 lm	830	Spot		106

CORAY Recessed spotlights

Subject to technical alterations! © Ansorg GmbH

- Compact shape and slim design
- Technology disappears inside the ceiling in favour of maximum application flexibility
- Low-volume technology requires minimal installation depth

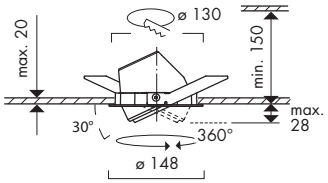
More range variants: Spotlights page 20

Subject to technical alterations! © Ansorg GmbH

Recessed spotlights
CORAY CMR

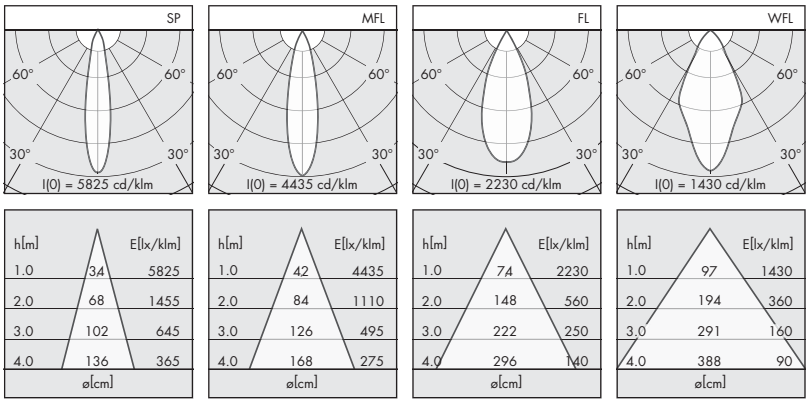
IP20

- Lighting technology LED
- Tilting and turning (360°/30°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting control system is possible
  (EASY-Lighting controller does not work in metal ceilings)
- Weight approx. 0.8 kg
- Colors: white/anthracite/silver



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	2000 lm	**16 W**	125 lm/W	SP MFL FL WFL
		3000 lm	**29 W**	107 lm/W	
	840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

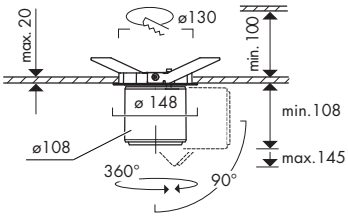
		Article number
Interchangeable reflector	SP	**17 CM 0300-01**
	MFL	**17 CM 0300-02**
	FL	**17 CM 0300-03**
	WFL	**17 CM 0300-04**

Subject to technical alterations! © Ansorg GmbH

Recessed spotlights
CORAY CMN

IP20

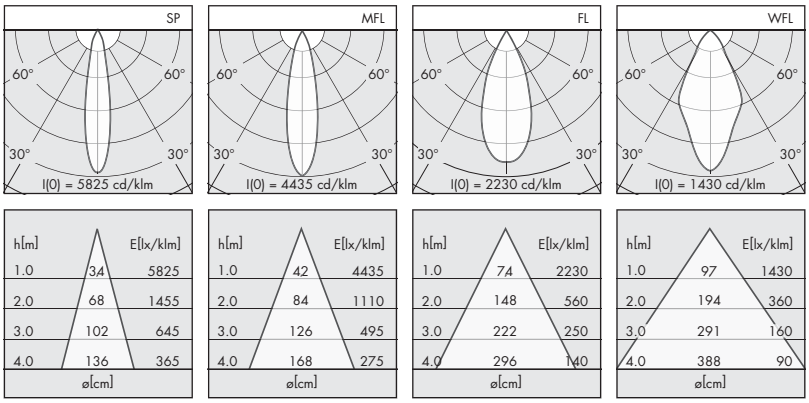
- Lighting technology LED
- Tilting and turning (360°/90°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting control system is possible
  (EASY-Lighting controller does not work in metal ceilings)
- Weight approx. 1.2 kg
- Colors: white/anthracite/silver



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**16 W**	125 lm/W	SP MFL FL WFL
	3000 lm	**29 W**	107 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 CM 0300-01**
	MFL	**17 CM 0300-02**
	FL	**17 CM 0300-03**
	WFL	**17 CM 0300-04**

VECTO Recessed spotlights

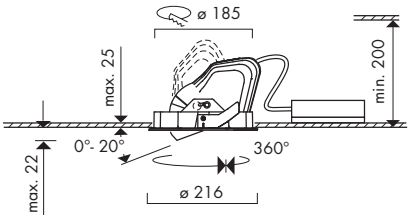
Subject to technical alterations! © Ansorg GmbH

- Attractive design
- Adaptable design for various lighting requirements

Recessed spotlights
VECTO VDL

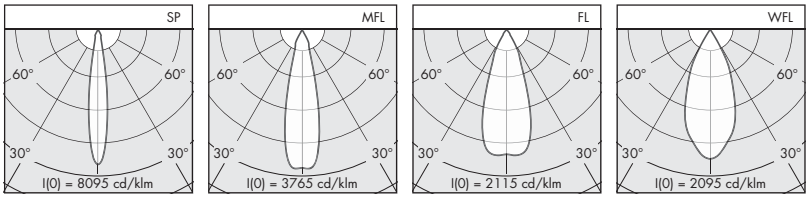
- Lighting technology LED
- Tilting and turning (360°/0°-20°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting control system is possible
  (EASY-Lighting controller does not work in metal ceilings)
- Weight approx. 1.5 kg
- Colors: white/anthracite/silver

IP20



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	3000 lm	**30 W**	105 lm/W	SP MFL FL WFL
		4000 lm	**40 W**	105 lm/W	
		5000 lm	**47 W**	106 lm/W	
	840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	27	8095
2.0	54	2025
3.0	81	900
4.0	108	505

h[m]	ø[cm]	E[lx/klm]
1.0	45	3765
2.0	90	940
3.0	135	420
4.0	180	235

h[m]	ø[cm]	E[lx/klm]
1.0	68	2115
2.0	136	530
3.0	204	235
4.0	272	130

h[m]	ø[cm]	E[lx/klm]
1.0	77	2095
2.0	154	525
3.0	231	235
4.0	308	130

Optional accessories

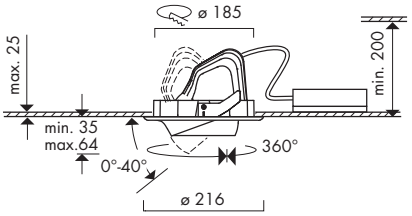
		Article number
Interchangeable reflector	SP	**17 HGL 610-...**
	MFL	**17 HGL 810-...**
	FL	**17 HGL 210-...**
	WFL	**17 HGL 110-...**

Subject to technical alterations! © Ansorg GmbH

Recessed spotlights
VECTO VML

- Lighting technology LED
- Tilting and turning (360°/0°-40°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.5 kg
- Colors: white/anthracite/silver

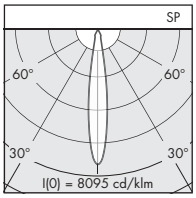
IP20



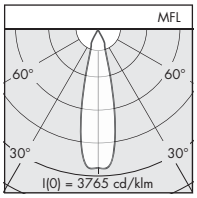
Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	105 lm/W	SP MFL FL WFL
	4000 lm	**40 W**	105 lm/W	
	5000 lm	**47 W**	106 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

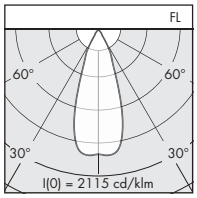
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



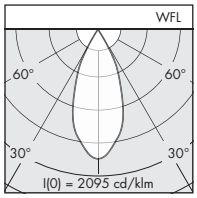
h[m]		E[lx/klm]
1.0	27	8095
2.0	54	2025
3.0	81	900
4.0	108	505
	ø[cm]	



h[m]		E[lx/klm]
1.0	45	3765
2.0	90	940
3.0	135	420
4.0	180	235
	ø[cm]	



h[m]		E[lx/klm]
1.0	68	2115
2.0	136	530
3.0	204	235
4.0	272	130
	ø[cm]	



h[m]		E[lx/klm]
1.0	77	2095
2.0	154	525
3.0	231	235
4.0	308	130
	ø[cm]	

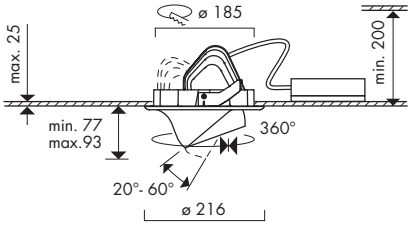
Optional accessories

		Article number
Interchangeable reflector	SP	**17 HGL 610-...**
	MFL	**17 HGL 810-...**
	FL	**17 HGL 210-...**
	WFL	**17 HGL 110-...**

Recessed spotlights
VECTO VRL

- Lighting technology LED
- Tilting and turning (360°/20°-60°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.5 kg
- Colors: white/anthracite/silver

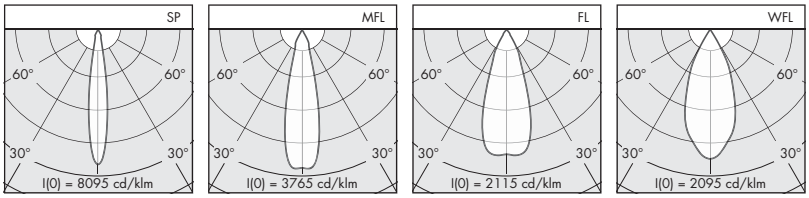
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	105 lm/W	SP MFL FL WFL
	4000 lm	**40 W**	105 lm/W	
	5000 lm	**47 W**	106 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	27	8095
2.0	54	2025
3.0	81	900
4.0	108	505

h[m]	ø[cm]	E[lx/klm]
1.0	45	3765
2.0	90	940
3.0	135	420
4.0	180	235

h[m]	ø[cm]	E[lx/klm]
1.0	68	2115
2.0	136	530
3.0	204	235
4.0	272	130

h[m]	ø[cm]	E[lx/klm]
1.0	77	2095
2.0	154	525
3.0	231	235
4.0	308	130

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HGL 610-...**
	MFL	**17 HGL 810-...**
	FL	**17 HGL 210-...**
	WFL	**17 HGL 110-...**

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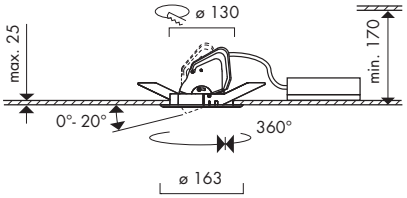
Recessed spotlights
VECTO VDM

- Lighting technology LED
- Tilting and turning (360°/0°-20°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.8 kg
- Colors: white/anthracite/silver

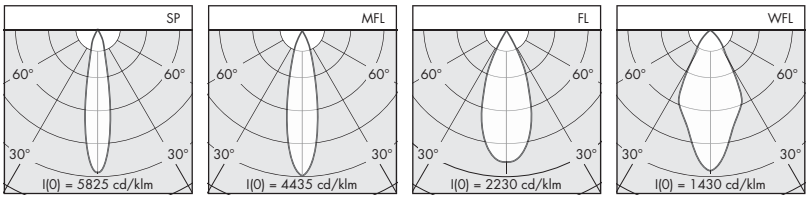
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	34	5825
2.0	68	1455
3.0	102	645
4.0	136	365

h[m]	ø[cm]	E[lx/klm]
1.0	42	4435
2.0	84	1110
3.0	126	495
4.0	168	275

h[m]	ø[cm]	E[lx/klm]
1.0	74	2230
2.0	148	560
3.0	222	250
4.0	296	140

h[m]	ø[cm]	E[lx/klm]
1.0	97	1430
2.0	194	360
3.0	291	160
4.0	388	90

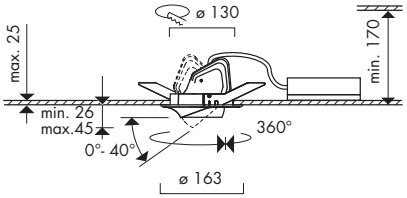
Optional accessories

		Article number
Interchangeable reflector	SP	**17 HCL 610-...**
	MFL	**17 HCL 810-...**
	FL	**17 HCL 210-...**
	WFL	**17 HCL 110-...**

Recessed spotlights
VECTO VMM

- Lighting technology LED
- Tilting and turning (360°/0°-40°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.8 kg
- Colors: white/anthracite/silver

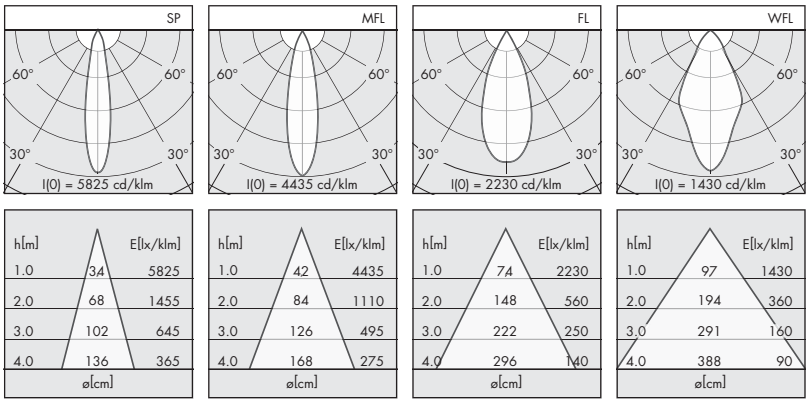
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 HCL 610-...**
	MFL	**17 HCL 810-...**
	FL	**17 HCL 210-...**
	WFL	**17 HCL 110-...**

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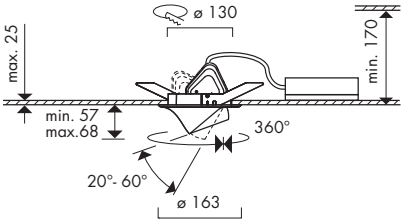
Recessed spotlights
VECTO VRM

- Lighting technology LED
- Tilting and turning (360°/20°-60°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.8 kg
- Colors: white/anthracite/silver

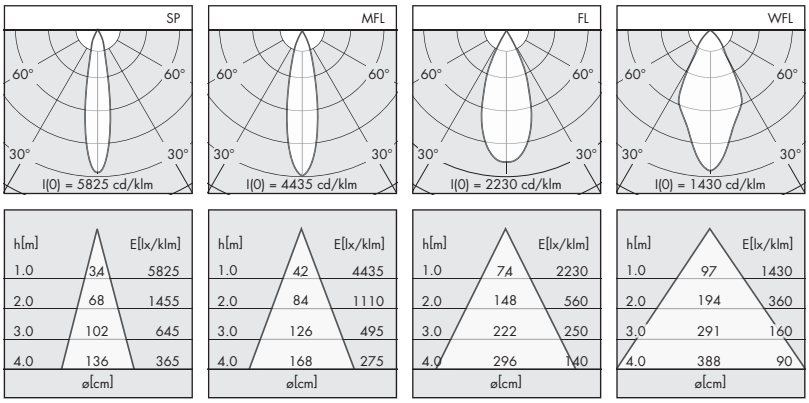
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 HCL 610-...**
	MFL	**17 HCL 810-...**
	FL	**17 HCL 210-...**
	WFL	**17 HCL 110-...**

BIT Recessed spotlights

Subject to technical alterations! © Ansorg GmbH

- Very efficient spotlight
- Neutral unobtrusive design

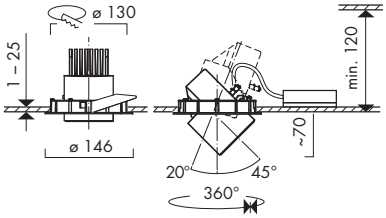
More range variants: Spotlights page 32

Recessed spotlights

BIT BMR

- Lighting technology LED
- Tilting and turning (360°/from - 20° to +45°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.75 kg
- Colors: white/anthracite/silver

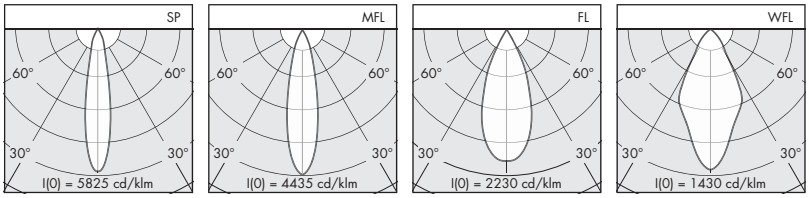
EAC IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	34	5825
2.0	68	1455
3.0	102	645
4.0	136	365

h[m]	ø[cm]	E[lx/klm]
1.0	42	4435
2.0	84	1110
3.0	126	495
4.0	168	275

h[m]	ø[cm]	E[lx/klm]
1.0	74	2230
2.0	148	560
3.0	222	250
4.0	296	140

h[m]	ø[cm]	E[lx/klm]
1.0	97	1430
2.0	194	360
3.0	291	160
4.0	388	90

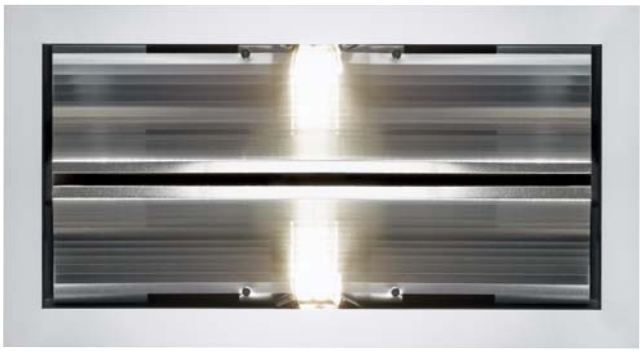
Optional accessories

		Article number
Interchangeable reflector	SP	**17 HLB 610**
	MFL	**17 HLB 810**
	FL	**17 HLB 210**
	WFL	**17 HLB 110**

Subject to technical alterations! © Ansorg GmbH

NAVO Recessed spotlights

Subject to technical alterations! © Ansorg GmbH



- Award winning, efficient aisle lighting.
- Efficient illumination of vertical displays
- Glare control, indirect light direction
- Flexible and adaptable to store layout changes by means of accessories.

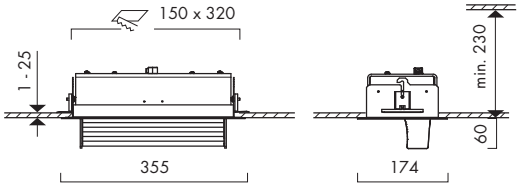
More range variants: Spotlights page 36

Subject to technical alterations! © Ansorg GmbH

NAVO NEK_DF

- Lighting technology LED
- Spotlight as directional washer
- With integral reflectorDF-NB or reflector DF-NX
- Interchangeable reflectors
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI control system is possible
- Weight approx. 1.7 kg
- Colors: white/anthracite/silver

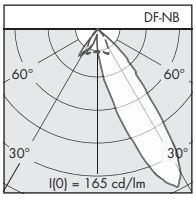
EAC IP20

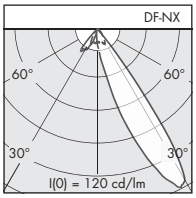


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	4000 lm	**35 W**	116 lm/W	DF-NB DF-NX
	6000 lm	**50 W**	118 lm/W	
840 927	Photometric data on request			

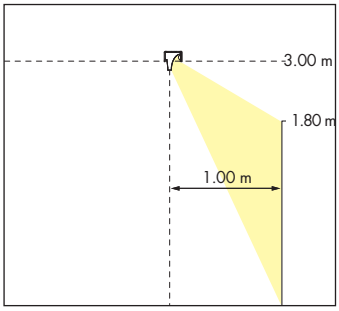
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



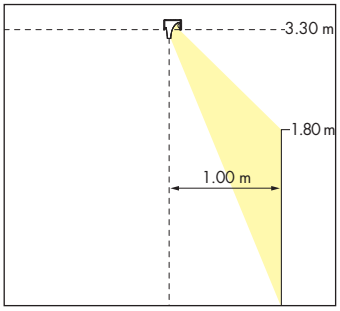


Planning information

DF-NB
preferred ceiling height
3.00 m



DF-NX
preferred ceiling height
3.30 m



Other aisle widths on request.

Optional accessories

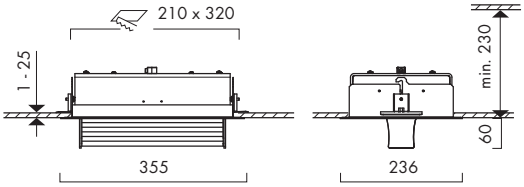
		Article number
Safety glass		**17 AD 0101**
Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	for NB reflector for NX reflector	**17 RF 2000** **17 RF 2001**
Set of interchangeable reflector (1x reflector/1x lamellae)	NB reflector NX reflector	**17 RF 2002** **17 RF 2003**
Reinforcing panel for brittle ceiling systems		**17 VP 0080**

Subject to technical alterations! © Ansorg GmbH

NAVO NEK_DDF

- Lighting technology LED
- Spotlight as two-directional washer
- With integral reflector DDF-NB or reflector DDF-NX
- Interchangeable reflectors
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI control system is possible
- Weight approx. 2.2 kg
- Colors: white/anthracite/silver

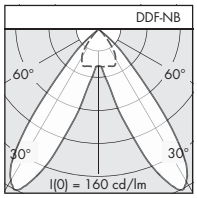
IP20

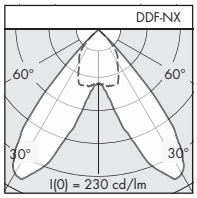


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	8000 lm	**70 W**	116 lm/W	DDF-NB DDF-NX
	12000 lm	**100 W**	118 lm/W	
840 927	Photometric data on request			

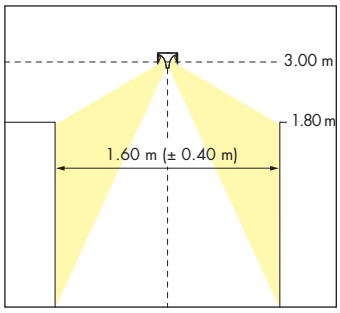
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



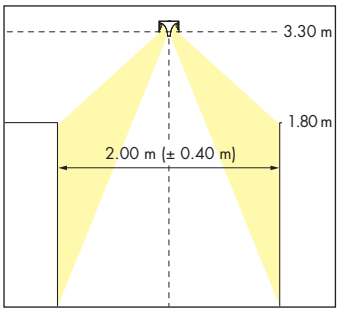


Planning information

DDF-NB
preferred ceiling height
3.00 m



DDF-NX
preferred ceiling height
3.30 m



Other aisle widths on request.

Optional accessories

		Article number
Safety glass (1 pair)		**17 AD 0100**
Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	for NB reflector for NX reflector	**17 RF 2000** **17 RF 2001**
Set of interchangeable reflector (1x reflector/1x lamellae)	NB reflector NX reflector	**17 RF 2002** **17 RF 2003**
Reinforcing panel for brittle ceiling systems		**17 VP 0079**

BOP Semi-recessed spotlights

Subject to technical alterations! © Ansorg GmbH

- Economic mix of glass-fibre reinforced plastic and die cast aluminium
- Uncluttered ceiling pattern thanks to balanced design characterised by generously dimensioned radii
- Add-on accessories for reduction of scattered light

More range variants: Spotlights page 44

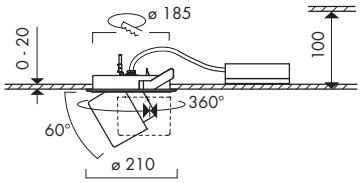
Subject to technical alterations! © Ansorg GmbH

Semi-recessed spotlights

BOP BEL

- Lighting technology LED
- Tilting and turning (360°/60°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.0 kg
- Colors: white/anthracite/silver

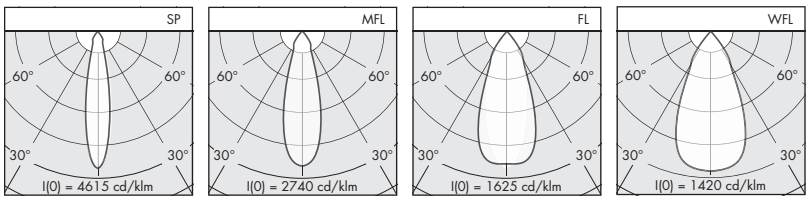
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**30 W**	105 lm/W	
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]		E[lx/klm]
1.0	35	4615
2.0	70	1155
3.0	105	515
4.0	140	289
ø[cm]		

h[m]		E[lx/klm]
1.0	54	2740
2.0	108	685
3.0	162	305
4.0	216	170
ø[cm]		

h[m]		E[lx/klm]
1.0	79	1625
2.0	158	405
3.0	237	180
4.0	316	100
ø[cm]		

h[m]		E[lx/klm]
1.0	91	1420
2.0	182	355
3.0	273	160
4.0	365	90
ø[cm]		

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HY2 BXX.**
	MFL	**17 HY2 CXX.**
	FL	**17 HY2 DXX.**
	WFL	**17 HY2 EXX.**
Glare reduction asymmetric	black	**17 ZR 0001**
Glare reduction cylindric	black	**17 ZR 0002**

Subject to technical alterations! © Ansorg GmbH

PUNTA Recessed spotlights

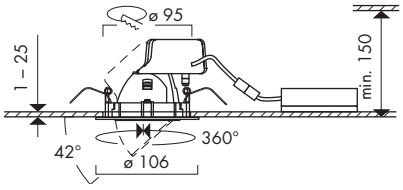
Subject to technical alterations! © Ansorg GmbH

- Retrofit fitting as a replacement for low-voltage
- Simple design

Recessed spotlights
PUNTA NRL

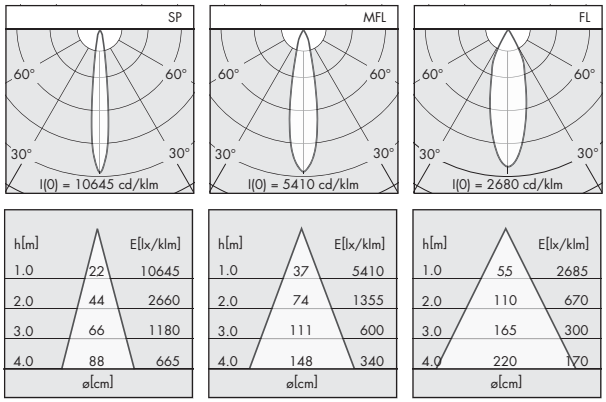
- Lighting technology LED
- Tilting and turning (360°/42°)
- With integral reflector SP, MFL or FL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI control system is possible
- Weight approx. 0.5 kg
- Colors: white/anthracite/silver

IP20



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	800 lm	**12 W**	71 lm/W	SP MFL FL
	840 930	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.



Subject to technical alterations! © Ansorg GmbH

CARDO Recessed spotlights

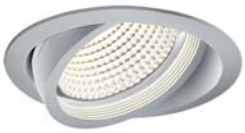
Subject to technical alterations! © Ansorg GmbH

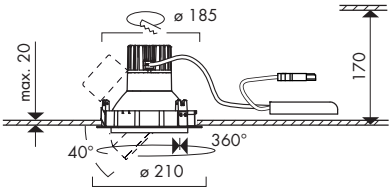
- Stylish spotlight with a gimbal option for full adjustability
- High flexibility due to it's tilt and turn function

Recessed spotlights
CARDO CTL

IP20

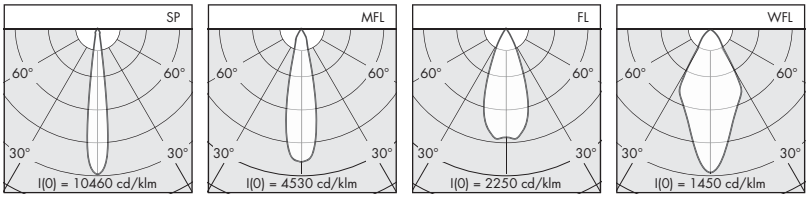
- Lighting technology LED
- Pivoted on all sides
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.3 kg
- Colors: white/anthracite/silver





Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	3000 lm	**30 W**	105 lm/W	
		4000 lm	**40 W**	105 lm/W	
	840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	24	10460
2.0	48	2615
3.0	72	1160
4.0	96	655

h[m]	ø[cm]	E[lx/klm]
1.0	42	4530
2.0	84	1130
3.0	126	505
4.0	168	285

h[m]	ø[cm]	E[lx/klm]
1.0	72	2250
2.0	144	560
3.0	216	250
4.0	288	140

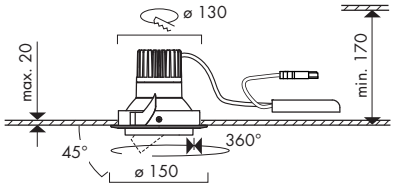
h[m]	ø[cm]	E[lx/klm]
1.0	95	1450
2.0	190	365
3.0	285	160
4.0	380	90

Subject to technical alterations! © Ansorg GmbH

Recessed spotlights
CARDO CBL

IP20

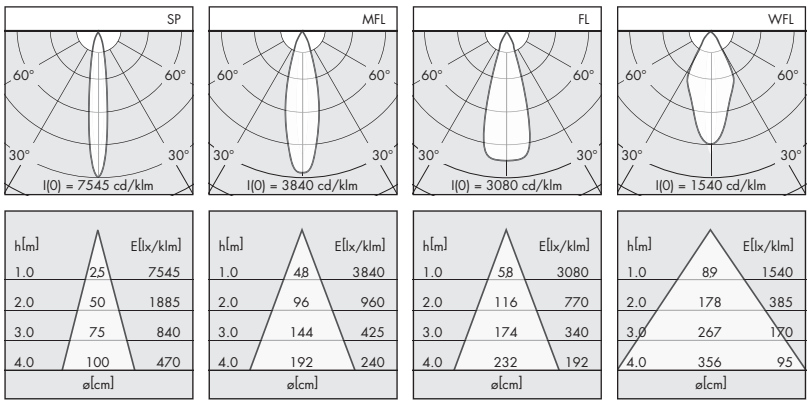
- Lighting technology LED
- Gimbal mounted
- Pivoted on all sides
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- With safety glass
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.0 kg
- Colors: white/anthracite/silver



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



Optional accessories

		Article number
Interchangeable reflector	SP	**17 HC2 BXX.**
	MFL	**17 HC2 CXX.**
	FL	**17 HC2 DXX.**
	WFL	**17 HC2 EXX.**

Optional accessories	Article numbers
Safety glass	**17 GL 9010**
Mood filter Bordeaux	**17 GL 9010-BD**
Mood filter Gold	**17 GL 9010-GD**
Mood filter Rose	**17 GL 9010-RS**
Mood filter Sun	**17 GL 9010-SN**
Glare reduction cylindrical incl. safety glass	**17 TU 9010-...**
Glare reduction cylindrical incl. safety glass and honeycomb grid	**17 TU 9110-...**
Glare reduction cylindrical incl. Mood filter Bordeaux	**17 TU 9010-BD-...**
Glare reduction cylindrical incl. Mood filter Gold	**17 TU 9010-GD-...**
Glare reduction cylindrical incl. Mood filter Rose	**17 TU 9010-RS-...**
Glare reduction cylindrical incl. Mood filter Sun	**17 TU 9010-SN-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Bordeaux	**17 TU 9110-BD-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Gold	**17 TU 9110-GD-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Rose	**17 TU 9110-RS-...**
Glare reduction cylindrical incl. honeycomb grid and Mood filter Sun	**17 TU 9110-SN-...**
Honeycomb grid incl. safety glass	**17 WR 9110-...**
Honeycomb grid incl. Mood filter Bordeaux	**17 WR 9110-BD-...**
Honeycomb grid incl. Mood filter Gold	**17 WR 9110-GD-...**
Honeycomb grid incl. Mood filter Rose	**17 WR 9110-RS-...**
Honeycomb grid incl. Mood filter Sun	**17 WR 9110-SN-...**

Subject to technical alterations! © Ansorg GmbH

ORIO Recessed spotlights

Subject to technical alterations! © Ansorg GmbH

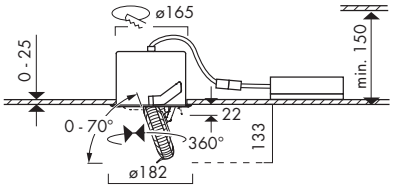
- Flexible alignment of the lighting head thanks to innovative articulation mechanism
- Toolless replacement of lenses
- Unique design

More range variants: Spotlights page 52

Recessed spotlights
ORIO TAL

- Lighting technology LED
- The spotlight head is flexibly alignable thanks to a special joint
- With integral reflector SP
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- Weight approx. 1.8 kg
- Colors: white/anthracite/silver

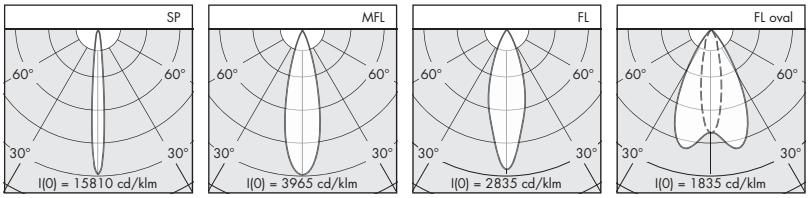
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	max. 2600 lm	**33 W**	79 lm/W	SP

The information for the photometric values are standard values and refer to the entire luminaire.



h[m]		E[lx/klm]
1.0	17	15810
2.0	34	3955
3.0	51	1755
4.0	68	990
	ø[cm]	

h[m]		E[lx/klm]
1.0	47	3965
2.0	94	990
3.0	141	440
4.0	188	250
	ø[cm]	

h[m]		E[lx/klm]
1.0	54	2835
2.0	108	710
3.0	162	315
4.0	216	175
	ø[cm]	

C90_270 h[m]		E[lx/klm]
1.0	109	1835
2.0	218	460
3.0	327	205
4.0	436	115
	ø[cm]	

C0_180 h[m]		E[lx/klm]
1.0	40	1835
2.0	80	460
3.0	120	205
4.0	160	115
	ø[cm]	

Optional accessories — **Article number**

Lens tools: set of three lenses for the beam angles MFL, FL, FL oval — **17 TP 2XXN**

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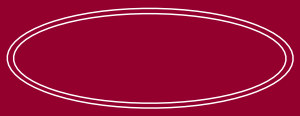
DOWN LIGHTS

MAXX
112

PIZZA
116



Compendium
Downlights MAXX

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Maxx MMD	∅ 130 mm	3000 lm 4000 lm 5000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Flood Wide-Flood Very-Wide-Flood		114
Maxx MSD	∅ 95 mm	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Flood Wide-Flood Very-Wide-Flood		115

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Compendium
Downlights PIZZA

Product	Ceiling cut-out	Lumen category	CRI Light colour	Reflector		Page
Recessed-mounting **Pizza PLL**	Ø 402 mm	max. 2650 lm	830 840	Very-Wide-Flood		118
Ceiling-mounting **Pizza PAL**	–	max. 2650 lm	830 840	Very-Wide-Flood		119

MAXX Downlights

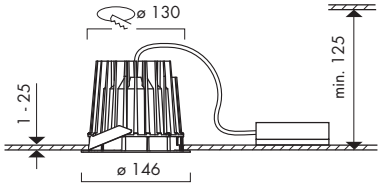
Subject to technical alterations! © Ansorg GmbH

- Versatile downlight with low installation depth
- Available with different profiles
- Ideal for illumination of large areas

MAXX MMD

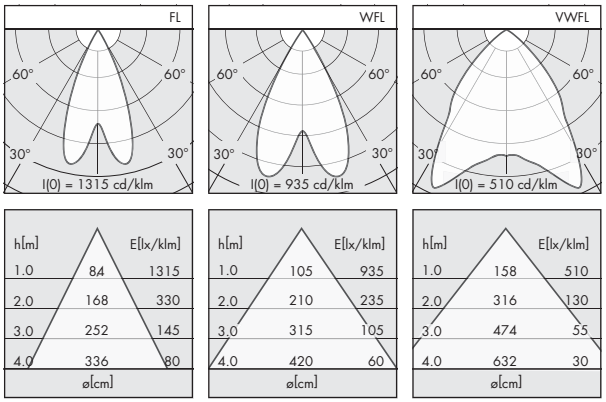
- Lighting technology LED
- With integral reflector FL, WFL or VWFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.9 kg
- Colors: white/anthracite/silver

IP20



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	3000 lm	**30 W**	105 lm/W	FL WFL VWFL
		4000 lm	**40 W**	105 lm/W	
		5000 lm	**47 W**	106 lm/W	
	840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.

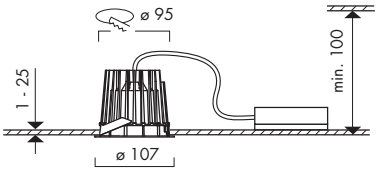


Subject to technical alterations! © Ansorg GmbH

MAXX MSD

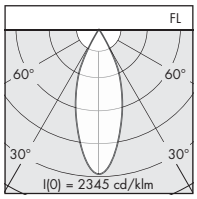
IP20

- Lighting technology LED
- With integral reflector FL, WFL or VWFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.5 kg
- Colors: white/anthracite/silver

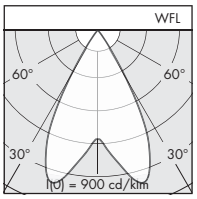


Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	2000 lm	**22 W**	98 lm/W	FL WFL VWFL
		3000 lm	**32 W**	97 lm/W	
	840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

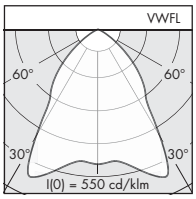
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	86	2345
2.0	136	585
3.0	204	260
4.0	272	145



h[m]	ø[cm]	E[lx/klm]
1.0	109	900
2.0	218	225
3.0	327	100
4.0	436	55



h[m]	ø[cm]	E[lx/klm]
1.0	245	550
2.0	290	140
3.0	435	60
4.0	580	35

PIZZA Downlights

Subject to technical alterations! © Ansorg GmbH

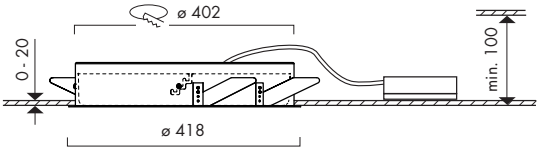
- Creates the impression of diffused daylight falling through a ceiling opening
- Simple luminaire design
- Ideally suited for ambient lighting

More range variants: Suspended luminaires page 138

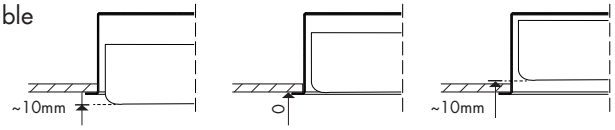
PIZZA PLL

IP20

- Lighting technology LED
- With height-adjustable diffuser in three positions at the ceiling
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block.
- DALI Lighting control system is possible
- Weight approx. 2.2 kg
- Colors: white/anthracite/silver

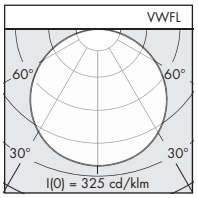


Diffuser height-adjustable in three positions at the ceiling



CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	max. 2650 lm	**45 W**	59 lm/W	VWFL
840	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.



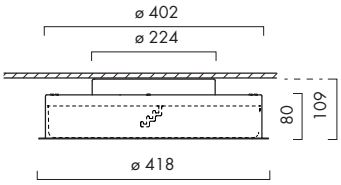
h[m]		E[lx/klm]
1.0	332	325
2.0	664	80
3.0	996	35
4.0	1328	20
	ø[cm]	

Subject to technical alterations! © Ansorg GmbH

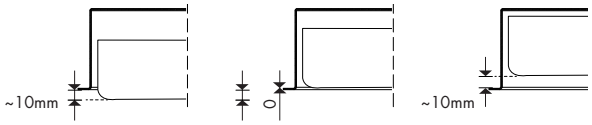
PIZZA PAL

- Lighting technology LED
- With height-adjustable diffuser in three positions at the ceiling
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block.
- DALI Lighting control system is possible
- Weight approx. 2.2 kg
- Colors: white/anthracite/silver

IP20

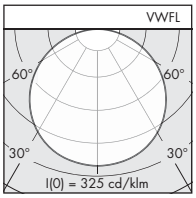


height-adjustable
in three positions
at the ceiling



CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	max. 2650 lm	**45 W**	59 lm/W	VWFL
840	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.



h[m]		E[lx/klm]
1.0	332	325
2.0	664	80
3.0	996	35
4.0	1328	20
	ø[cm]	

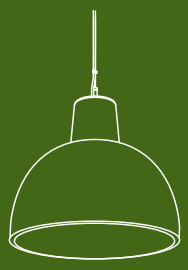
SUSPENDED LUMINAIRES

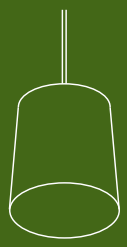
MONA
124

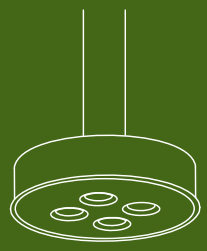
COLLECTION
128

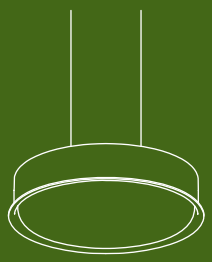
PIAZZA
134

PIZZA
138









Compendium

Suspended luminaires MONA

Product	Size of lamp shade	Lumen category	CRI Light colour	Reflector		Page
Mona MIL	Ø 400 mm Ø 600 mm	2000 lm 3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White Meat	Medium-Flood Flood Wide-Flood		126

Suspended luminaires COLLECTION

Product	Size of lamp shade	Lumen category	CRI Light colour	Reflector		Page
Collection CPL	Ø 400 mm Ø 600 mm 400x400 mm 600x600 mm	3000 lm 4000 lm	830 840 Brilliant (930) = Best Color/Best White	Medium-Flood Flood		130

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Compendium

Suspended luminaires PIAZZA

Product	Size of lamp shade	Lumen category	CRI Light colour	Reflector		Page
Piazza PRL	Ø 550 mm	10000 lm	830 840	Wide-Flood Very-Wide-Flood		136
Piazza PSL	500x500 mm	10000 lm	830 840	Wide-Flood Very-Wide-Flood		137

Suspended luminaires PIZZA

Product	Size of lamp shade	Lumen category	CRI Light colour	Reflector		Page
Pizza PPL	Ø 418 mm	max. 2650 lm	830 840	Very-Wide-Flood		140

MONA Suspended luminaires

Subject to technical alterations! © Ansorg GmbH

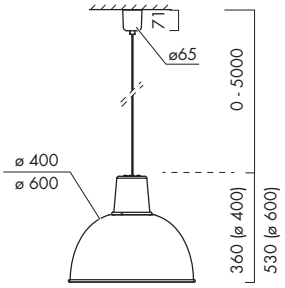
- Decorative light combined with technical and functional lighting of merchandise
- Alternatively, also available for lamps with E27 socket
- Two lampshade sizes, optionally customised colour design

MONA MIL

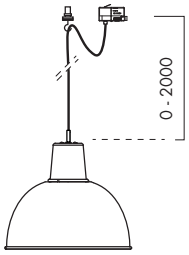
- Lighting technology LED
- Suspended luminaire with lamp shade
- Lampshade in two sizes and three colors
- Textile wire (2m), black or white
- With integral reflector MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block or 3-circuit adapter
- DALI Lighting control system is possible
- Weight approx. 4 kg (ø 400) /6 kg (ø 600)
- Lampshade white/black/grey,
  Lampshade inside colour is always white

EAC IP20

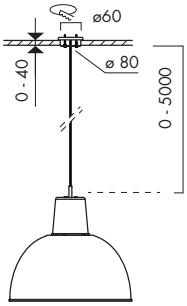
with ceiling box



with 3-circuit adapter



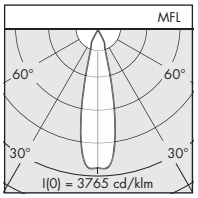
with ceiling plate

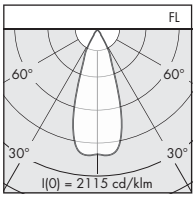


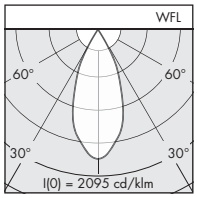
Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	MFL FL WFL
	3000 lm	**30 W**	105 lm/W	
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.







h[m]		E[lx/klm]
1.0	45	3765
2.0	90	940
3.0	135	420
4.0	180	235
	ø[cm]	

h[m]		E[lx/klm]
1.0	68	2115
2.0	136	530
3.0	204	235
4.0	272	130
	ø[cm]	

h[m]		E[lx/klm]
1.0	77	2095
2.0	154	525
3.0	231	235
4.0	308	130
	ø[cm]	

Order information

Lampshade colour black or white, suspension wire black.
Lampshade colour white, suspension wire white.
The ceiling canopy and adapters for the power track are in black or white.
The ceiling panel is painted in the colour of the lampshade.

Subject to technical alterations! © Ansorg GmbH

COLLECTION Suspended luminaires

Subject to technical alterations! © Ansorg GmbH

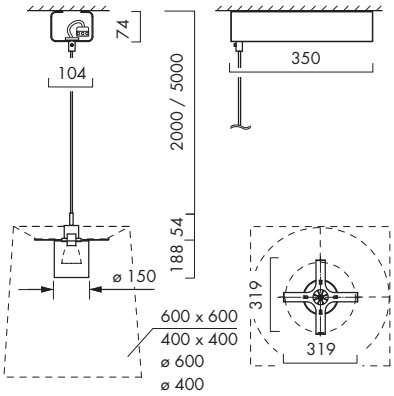
- Individualised luminaire design
- Combination of decorative use of shapes and highly-efficient merchandise lighting

COLLECTION CPL

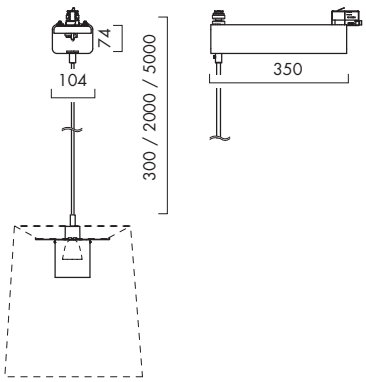
EAC IP20

- Lighting technology LED
- Suspended luminaire (one lamp) with lamp shade (cubical and conical) in different surface finishes
- Transparent wire
- With integral reflector MFL or FL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- Weight approx. 1.8 kg with lamp shade
- Colors: white/anthracite/silver

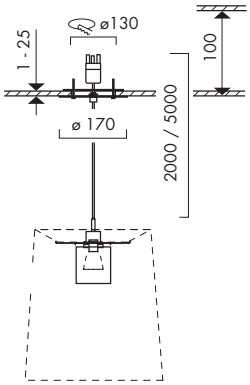
with ceiling box



with with 3-circuit adapter and ceiling



with ceiling plate



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	3000 lm	**40 W**	105 lm/W	MFL FL
		4000 lm	**40 W**	105 lm/W	
	840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.

For lamp shade versions see page 131-132.

Subject to technical alterations! © Ansorg GmbH

LAMP SHADES COLLECTION

	400x400/h= 435	600x600/h= 650	⌀ 400/h= 435	⌀ 600/h= 650
Kim night	**17 SC 0140**	**17 SC 0240**	**17 SC 0340**	**17 SC 0440**
Kim day	**17 SC 0141**	**17 SC 0241**	**17 SC 0341**	**17 SC 0441**
Kim plum	**17 SC 0142**	**17 SC 0242**	**17 SC 0342**	**17 SC 0442**
Kim ocean	**17 SC 0143**	**17 SC 0243**	**17 SC 0343**	**17 SC 0443**
Kim forrest	**17 SC 0144**	**17 SC 0244**	**17 SC 0344**	**17 SC 0444**
Kim clay	**17 SC 0145**	**17 SC 0245**	**17 SC 0345**	**17 SC 0445**
Kim grass	**17 SC 0146**	**17 SC 0246**	**17 SC 0346**	**17 SC 0446**
Chintz night	**17 SC 0110**	**17 SC 0210**	**17 SC 0310**	**17 SC 0410**
Chintz day	**17 SC 0131**	**17 SC 0231**	**17 SC 0331**	**17 SC 0431**
Chintz pepper	**17 SC 0130**	**17 SC 0230**	**17 SC 0330**	**17 SC 0430**
Chintz chocolate	**17 SC 0132**	**17 SC 0232**	**17 SC 0332**	**17 SC 0432**
Chintz nougat	**17 SC 0137**	**17 SC 0237**	**17 SC 0337**	**17 SC 0437**
Chintz cappuccino	**17 SC 0138**	**17 SC 0238**	**17 SC 0338**	**17 SC 0438**
Chintz grape	**17 SC 0139**	**17 SC 0239**	**17 SC 0339**	**17 SC 0439**
Rouge (transparent)	**17 SC 0161**	**17 SC 0261**	**17 SC 0361**	**17 SC 0461**

The colours of the printed images may differ from those of the originals.

Subject to technical alterations! © Ansorg GmbH

LAMP SHADES COLLECTION

		400x400/h= 435	600x600/h= 650	⌀ 400/h= 435	⌀ 600/h= 650
	Smoke (transparent)	**17 SC 0162**	**17 SC 0262**	**17 SC 0362**	**17 SC 0462**
	Aluminium silver	**17 SC 0158**	**17 SC 0258**	**17 SC 0358**	**17 SC 0458**
	Aluminium gold	**17 SC 0159**	**17 SC 0259**	**17 SC 0359**	**17 SC 0459**
	Mirror	**17 SC 0160**	**17 SC 0260**	**17 SC 0360**	**17 SC 0460**
	Kraft	**17 SC 0107**	**17 SC 0207**	**17 SC 0307**	**17 SC 0407**
	Lombok ash	**17 SC 0154**	**17 SC 0254**	**17 SC 0354**	**17 SC 0454**
	Lombok walnut	**17 SC 0155**	**17 SC 0255**	**17 SC 0355**	**17 SC 0455**
	Palma day	**17 SC 0150**	**17 SC 0250**	**17 SC 0350**	**17 SC 0450**
	Palma night	**17 SC 0153**	**17 SC 0253**	**17 SC 0353**	**17 SC 0453**
	Palma stone	**17 SC 0151**	**17 SC 0251**	**17 SC 0351**	**17 SC 0451**
	Palma sand	**17 SC 0152**	**17 SC 0252**	**17 SC 0352**	**17 SC 0452**
	Dahlia (translucent)	**17 SC 0100**	**17 SC 0200**	**17 SC 0300**	**17 SC 0400**
	Barcode (translucent)	**17 SC 0109**	**17 SC 0209**	**17 SC 0309**	**17 SC 0409**
	Space silver (transparent)	**17 SC 0156**	**17 SC 0256**	**17 SC 0356**	**17 SC 0456**
	Space gold (transparent)	**17 SC 0157**	**17 SC 0257**	**17 SC 0357**	**17 SC 0457**

The colours of the printed images may differ from those of the originals.

Subject to technical alterations! © Ansorg GmbH

PIAZZA Suspended luminaires

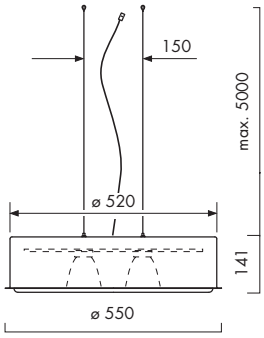
Subject to technical alterations! © Ansorg GmbH

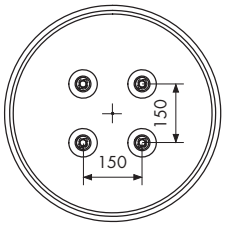
- Particularly suitable for use with high ceilings
- Is appropriate for a homogeneous or accentuated lighting

PIAZZA PRL

EAC IP20

- Lighting technology LED
- Suspended luminaire with diffuser
- Pendant mounting by means of twin wire suspension (5m) with grommets with adjustable hangers on the luminaire
- Transparent wire
- With four integral reflectors WFL or VWFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block.
- DALI Lighting control system is possible
- Weight approx. 6.0 kg
- Colors: white/anthracite/silver

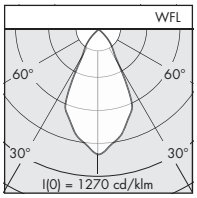


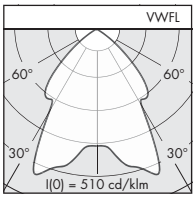


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	10000 lm	**114 W**	95 lm/W	WFL VWFL
840	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.





h[m]		E[lx/klm]
1.0	101	1270
2.0	202	320
3.0	303	140
4.0	404	80
	ø[cm]	

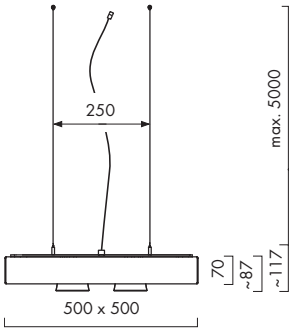
h[m]		E[lx/klm]
1.0	168	510
2.0	336	130
3.0	504	55
4.0	672	30
	ø[cm]	

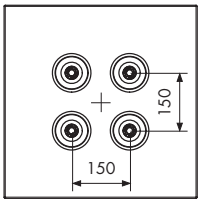
Subject to technical alterations! © Ansorg GmbH

PIAZZA PSL

- Lighting technology LED
- Suspended luminaire with Downlights
- Pendant mounting by means of twin wire suspension (5m) with grommets with adjustable hangers on the luminaire
- Transparent wire
- With four integral reflectors WFL or VWFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block.
- DALI Lighting control system is possible
- Weight approx. 6.5 kg
- Colors: white/anthracite/silver

IP20

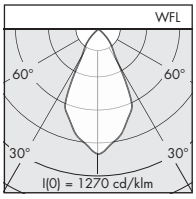


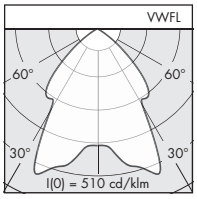


Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	10000 lm	**114 W**	95 lm/W	WFL VWFL
840	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.





h[m]	E[lx/klm]	
1.0	101	1270
2.0	202	320
3.0	303	140
4.0	404	80
	ø[cm]	

h[m]	E[lx/klm]	
1.0	168	510
2.0	336	130
3.0	504	55
4.0	672	30
	ø[cm]	

PIZZA Suspended luminaires

Subject to technical alterations! © Ansorg GmbH

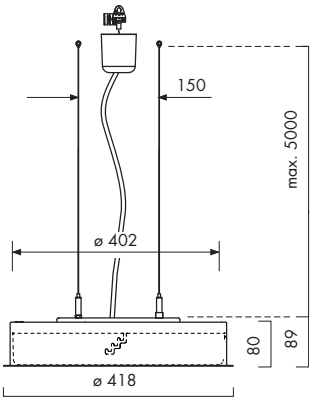
- Creates the impression of diffused daylight falling through a ceiling opening
- Simple luminaire design
- Ideally suited for ambient lighting

More range variants: Downlights page 116

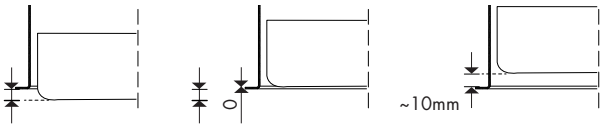
PIZZA PPL

EAC IP20

- Lighting technology LED
- Suspended luminaire with diffuser
- Toolfree height-adjustable diffuser
- Pendant mounting by means of twin wire suspension (5m) with grommets with adjustable hangers on the luminaire
- Transparent wire
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection of light fitting to mains by means of 3-pole terminal block.
- DALI Lighting control system is possible
- Weight approx. 2.2 kg
- Colors: white/anthracite/silver

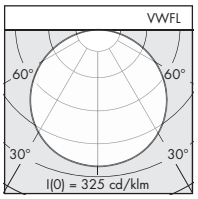


height-adjustable in three positions at the ceiling



Photometric data	CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
	830	max. 2650 lm	**45 W**	59 lm/W	VWFL
	840	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.

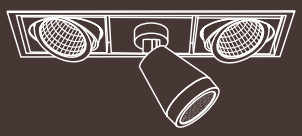


h[m]		E[lx/klm]
1.0	332	325
2.0	664	80
3.0	996	35
4.0	1328	20
	ø[cm]	

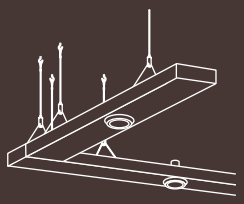
Subject to technical alterations! © Ansorg GmbH

SYSTEMS

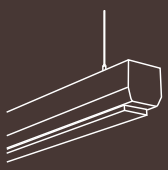
LIGHTSTRIPE
146



Floatline
158



CORDLINE
164



Compendium
System LIGHTSTRIPE

Product	Lumen category	CRI Light colour	Reflector		Page
Lightstripe LLS					148
Lightstripe LLS blank panel					149
Lightstripe LDL	2000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Spot Medium-Flood Flood Wide-Flood		150, 151
	3000 lm				
Lightstripe LCL	2000 lm				152, 153
	3000 lm				
Lightstripe LMR	2000 lm				154
	3000 lm				

Subject to technical alterations! © Ansorg GmbH

Compendium

System LIGHTSTRIPE

Product	Lumen category	CRI Light colour	Reflector		Page
Lightstripe LEL	2000 lm 3000 lm	830 840 927 Brilliant (930) = Best Color/Best White	Flood Wide-Flood Very-Wide-Flood		155
Lightstripe LWL	3000 lm 4000 lm	830 840 927 Brilliant (930) = Best Color/Best White	2 x Wide-Flood		156

System Floatline

Product					Page
Floatline					160, 161, 162

System CORDLINE

Product					Page
Cordline ALB					166, 167

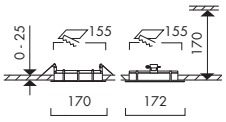
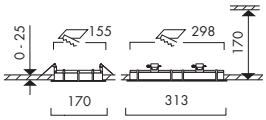
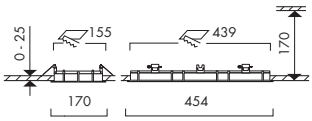
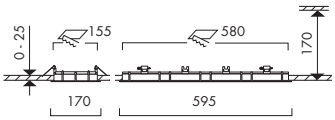
LIGHTSTRIPE Systems

Subject to technical alterations! © Ansorg GmbH

- Versatile modular system for universal lighting tasks, ambient, accent, wall washers, emergency lighting and loudspeakers
- Maximum flexibility – can be changed at anytime to accommodate a new layout

LIGHTSTRIPE LLS Fitting frame

- Fitting frame system with specified modules (1 to 4 modules) or for the formation of rows of infinite length
- Fitting of the various function panels without the use of tools, combining fixtures as desired
- Only the 1-, 2- and 3-way unit can be installed in Dipling ceilings
- Weight from 0.3 to 0.7 kg
- Colors: white/anthracite/silver

Fitting frame with specified modules			**Article numbers**
	1 module		**06 LLS 0010-...**
	2 modules		**06 LLS 0020-...**
	3 modules		**06 LLS 0030-...**
	4 modules		**06 LLS 0040-...**

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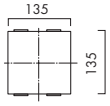
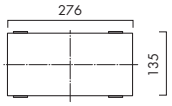
LIGHTSTRIPE LLS blank panel

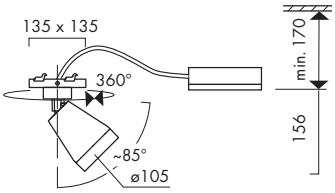
- Blank panel (1 or 2 modules)
- Fitting of the function panel without the use of tools
- Weight 0.2 kg / 0.4 kg
- Colors: white/anthracite/silver

Blank panel			**Article numbers**
	1 module		**06 LLS 0100-...**
	2 modules		**06 LLS 0200-...**

LIGHTSTRIPE LDL

EAC IP20

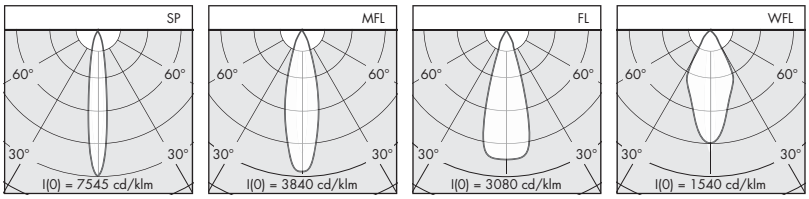
- Lighting technology LED
- Function panel (1 module) with spotlight, tilting and turning
- Fitting of the function panel in the frame without the use of tools
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; cable length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.0 kg
- Colors: white/anthracite/silver



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	25	7545
2.0	50	1885
3.0	75	840
4.0	100	470

h[m]	ø[cm]	E[lx/klm]
1.0	48	3840
2.0	96	960
3.0	144	425
4.0	192	240

h[m]	ø[cm]	E[lx/klm]
1.0	58	3080
2.0	116	770
3.0	174	340
4.0	232	192

h[m]	ø[cm]	E[lx/klm]
1.0	89	1540
2.0	178	385
3.0	267	170
4.0	356	95

Subject to technical alterations! © Ansorg GmbH

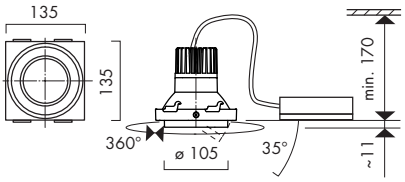
LIGHTSTRIPE LDL

Optional accessories			Article numbers
	Interchangeable reflector	SP	**17 HB BXX.**
		MFL	**17 HB CXX.**
		FL	**17 HB DXX.**
		WFL	**17 HB EXX.**
	Safety glass		**19 GL 9010**
	Mood filter Bordeaux		**19 GL 9010-BD**
	Mood filter Gold		**19 GL 9010-GD**
	Mood filter Rose		**19 GL 9010-RS**
	Mood filter Sun		**19 GL 9010-SN**
	Glare reduction cylindrical incl. safety glass		**17 TU 9010-...**
	Glare reduction cylindrical incl. safety glass and honeycomb grid		**17 TU 9110-...**
	Glare reduction cylindrical incl. Mood filter Bordeaux		**17 TU 9010-BD-...**
	Glare reduction cylindrical incl. Mood filter Gold		**17 TU 9010-GD-...**
	Glare reduction cylindrical incl. Mood filter Rose		**17 TU 9010-RS-...**
	Glare reduction cylindrical incl. Mood filter Sun		**17 TU 9010-SN-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Bordeaux		**17 TU 9110-BD-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Gold		**17 TU 9110-GD-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Rose		**17 TU 9110-RS-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Sun		**17 TU 9110-SN-...**
	Honeycomb grid incl. safety glass		**17 WR 9110-...**
	Honeycomb grid incl. Mood filter Bordeaux		**17 WR 9110-BD-...**
	Honeycomb grid incl. Mood filter Gold		**17 WR 9110-GD-...**
	Honeycomb grid incl. Mood filter Rose		**17 WR 9110-RS-...**
	Honeycomb grid incl. Mood filter Sun		**17 WR 9110-SN-...**

LIGHTSTRIPE LCL

- Lighting technology LED
- Function panel (1 module) with recessed spotlight, gimbal-mounted
- Fitting of the function panel in the frame without the use of tools
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; cable length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.0 kg
- Colors: white/anthracite/silver

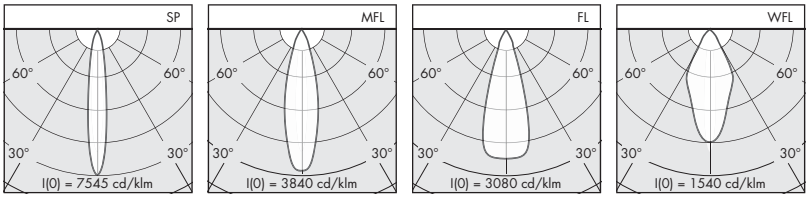
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	25	7545
2.0	50	1885
3.0	75	840
4.0	100	470

h[m]	ø[cm]	E[lx/klm]
1.0	48	3840
2.0	96	960
3.0	144	425
4.0	192	240

h[m]	ø[cm]	E[lx/klm]
1.0	58	3080
2.0	116	770
3.0	174	340
4.0	232	192

h[m]	ø[cm]	E[lx/klm]
1.0	89	1540
2.0	178	385
3.0	267	170
4.0	356	95

Subject to technical alterations! © Ansorg GmbH

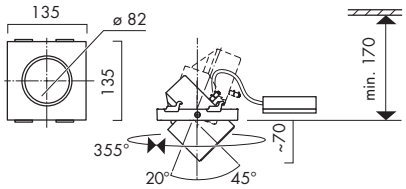
LIGHTSTRIPE LCL

Optional accessories			Article numbers
	Interchangeable reflector	SP	**17 HC2 BXX.**
		MFL	**17 HC2 CXX.**
		FL	**17 HC2 DXX.**
		WFL	**17 HC2 EXX.**
	Safety glass		**17 GL 9010**
	Mood filter Bordeaux		**17 GL 9010-BD**
	Mood filter Gold		**17 GL 9010-GD**
	Mood filter Rose		**17 GL 9010-RS**
	Mood filter Sun		**17 GL 9010-SN**
	Glare reduction cylindrical incl. safety glass		**17 TU 9010-...**
	Glare reduction cylindrical incl. safety glass and honeycomb grid		**17 TU 9110-...**
	Glare reduction cylindrical incl. Mood filter Bordeaux		**17 TU 9010-BD-...**
	Glare reduction cylindrical incl. Mood filter Gold		**17 TU 9010-GD-...**
	Glare reduction cylindrical incl. Mood filter Rose		**17 TU 9010-RS-...**
	Glare reduction cylindrical incl. Mood filter Sun		**17 TU 9010-SN-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Bordeaux		**17 TU 9110-BD-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Gold		**17 TU 9110-GD-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Rose		**17 TU 9110-RS-...**
	Glare reduction cylindrical incl. honeycomb grid and Mood filter Sun		**17 TU 9110-SN-...**
	Honeycomb grid incl. safety glass		**17 WR 9110-...**
	Honeycomb grid incl. Mood filter Bordeaux		**17 WR 9110-BD-...**
	Honeycomb grid incl. Mood filter Gold		**17 WR 9110-GD-...**
	Honeycomb grid incl. Mood filter Rose		**17 WR 9110-RS-...**
	Honeycomb grid incl. Mood filter Sun		**17 WR 9110-SN-...**
	Honeycomb grid incl. Mood filter Sun		**17 WR 9110-SN-...**

LIGHTSTRIPE LMR

- Lighting technology LED
- Tilting and turning (355°/from - 20° to +45°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.2 kg
- Colors: white/anthracite/silver

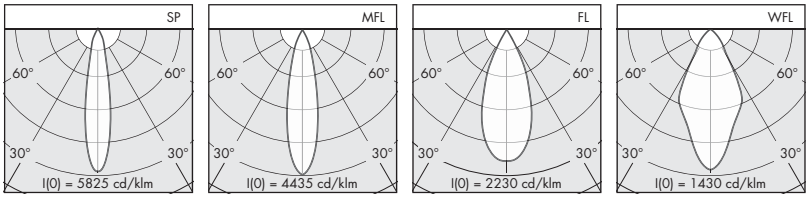
IP20



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	SP MFL FL WFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	34	5825
2.0	68	1455
3.0	102	645
4.0	136	365

h[m]	ø[cm]	E[lx/klm]
1.0	42	4435
2.0	84	1110
3.0	126	495
4.0	168	275

h[m]	ø[cm]	E[lx/klm]
1.0	74	2230
2.0	148	560
3.0	222	250
4.0	296	140

h[m]	ø[cm]	E[lx/klm]
1.0	97	1430
2.0	194	360
3.0	291	160
4.0	388	90

Optional accessories

		Article number
Interchangeable reflector	SP	**17 HLB 610**
	MFL	**17 HLB 810**
	FL	**17 HLB 210**
	WFL	**17 HLB 110**

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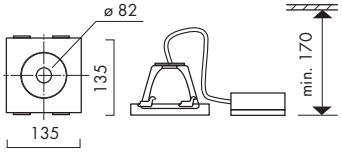
LIGHTSTRIPE LEL

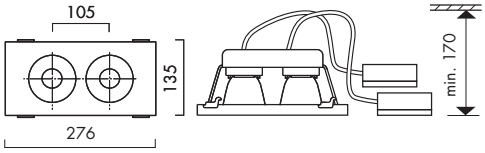
- Lighting technology LED
- Function panel (1 or 2 modules) with downlight
- Fitting of the function panel in the frame without the use of tools
- With integral reflector MFL, FL, WFL or VWFL
- Supply unit included
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; cable length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 0.9 kg (1 module), 1.5 kg (2 modules)
- Colors: white/anthracite/silver

EAC IP20

1 module



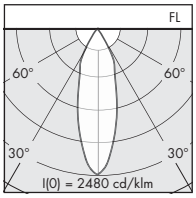
2 modules



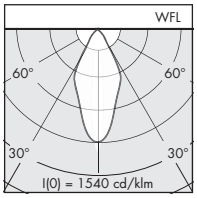
Photometric data
1 module

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	2000 lm	**22 W**	98 lm/W	FL WFL VWFL
	3000 lm	**32 W**	97 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

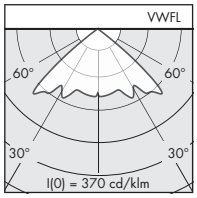
The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



h[m]	ø[cm]	E[lx/klm]
1.0	55	2480
2.0	110	620
3.0	165	275
4.0	220	155



h[m]	ø[cm]	E[lx/klm]
1.0	89	1540
2.0	178	385
3.0	267	170
4.0	356	95

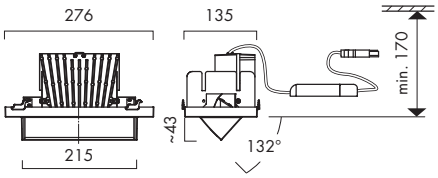


h[m]	ø[cm]	E[lx/klm]
1.0	238	370
2.0	476	90
3.0	714	40
4.0	952	25

LIGHTSTRIPE LWL

EAC IP20

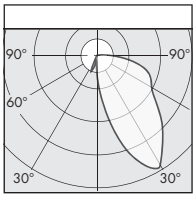
- Lighting technology LED
- Function panel (2 module) with wallwasher
- Fitting of the function panel in the frame without the use of tools
- With integral reflector WW
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; cable length l = 0.5 m
- DALI and EASY-Lighting Control system is possible
  (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.3 kg
- Colors: white/anthracite/silver



Photometric data

CRI Light colour	Lumen category	P_{system}	Efficiency	Reflector
830	3000 lm	**30 W**	105 lm/W	WW
	4000 lm	**40 W**	105 lm/W	
840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

The information for the photometric values are standard values and refer to the entire luminaire.
In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.



m	E[lx/klm] a = 0.5 m	a = 1.0 m
0.1	0	0
0.5	265	134
1.0	2680	865
1.5	1050	645
2.0	295	410
2.5	105	240
3.0	45	120

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FLOATLINE Systems

Subject to technical alterations! © Ansorg GmbH

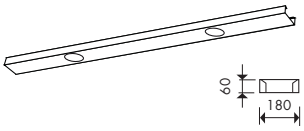
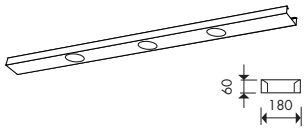
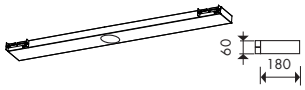
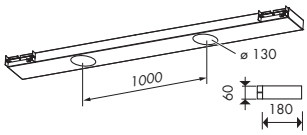
- Slimline suspended modular system with a profile height of only 60 mm
- Particularly suited to large areas and high ceilings, over counters, promotional zones and walkways
- Create flexible designs with cut outs to accept various spotlights and downlights

Subject to technical alterations! © Ansorg GmbH

FLOATLINE

- Luminaire system for suspended mounting
- Profiles for recessed spotlights or downlights with cutout Ø 130 mm
- Quick mounting of the individual profiles without the use of tools

EAC

Profiles without luminaires		Weight	Lenghts	Article numbers
without cutout		3.2 kg 3.8 kg	l = 1250 mm l = 1500 mm	**06 FTN 0001-...** **06 FTN 0002-...**
with cutout 1 x Ø 130 mm		3.1 kg 3.7 kg	l = 1250 mm l = 1500 mm	**06 FTN 0011-...** **06 FTN 0012-...**
with cutout 2 x Ø 130 mm		3.0 kg 3.6 kg 6.2 kg	l = 1250 mm l = 1500 mm l = 2500 mm	**06 FTN 0021-...** **06 FTN 0022-...** **06 FTN 0023-...**
with cutout 3 x Ø 130 mm		6.1 kg	l = 2500 mm	**06 FTN 0033-...**
Transverse profile without cutout		5.7 kg	l = 2000 mm	**06 FTN 6006-...**
Transverse profile with cutout 1 x Ø 130 mm		5.6 kg	l = 2000 mm	**06 FTN 6016-...**
Transverse profile with cutout 2 x Ø 130 mm		5.5 kg	l = 2000 mm	**06 FTN 6026-...**

+ Luminaires

Recessed spotlight Coray CMR/CMN see page 72, 73
Recessed spotlight Vecto VDM/VMM/VRM see page 79, 80, 81
Recessed spotlight Bit BMR see page 84
Recessed spotlight Cardo CBL see page 101
Downlight Maxx MBLLED see page 114

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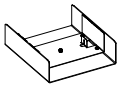
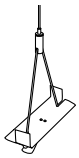
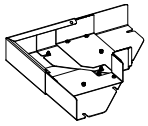
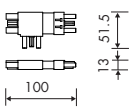
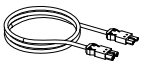
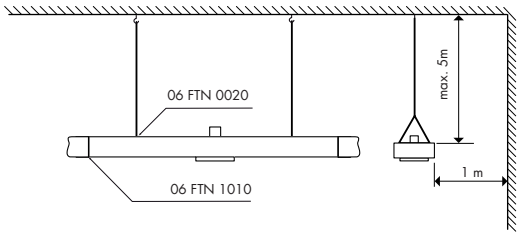
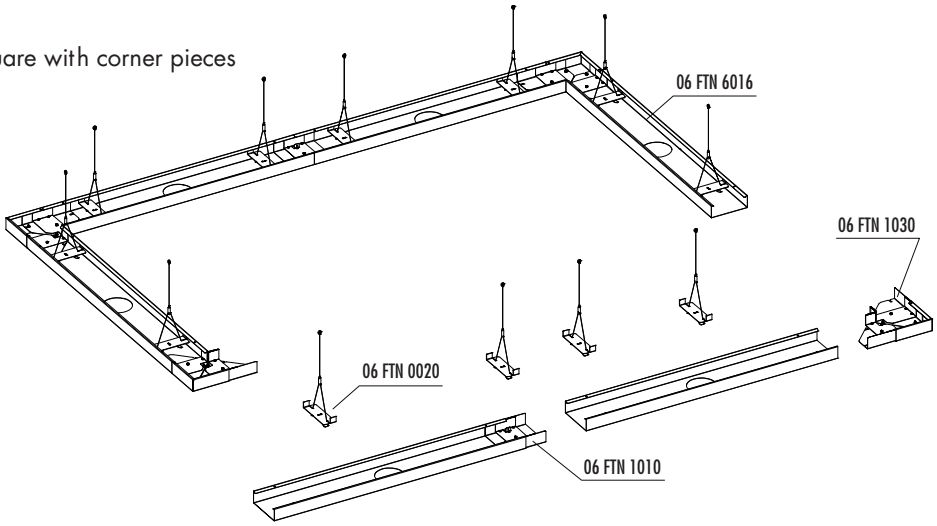
+ Elements for mounting			Article numbers
	Butt connector 		**06 FTN 1010**
	Suspension piece with 5m steel cable, (shiftable) 		**06 FTN 0020**
	Corner piece 		**06 FTN 1030-...**
	End cap	2 pieces per unit	**06 FTN 0060-...**
	Electrical connector 2-fold Wieland GST18i3 		**60 VT 3110**
	Connecting cable 2 m with plug and jack Wieland GST18i3 	l = 2000 mm	**29 AK 4113**

Planning information

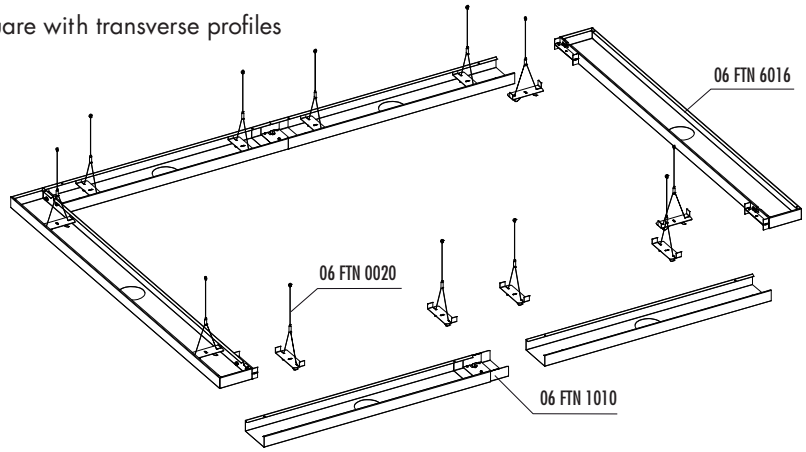


Design examples

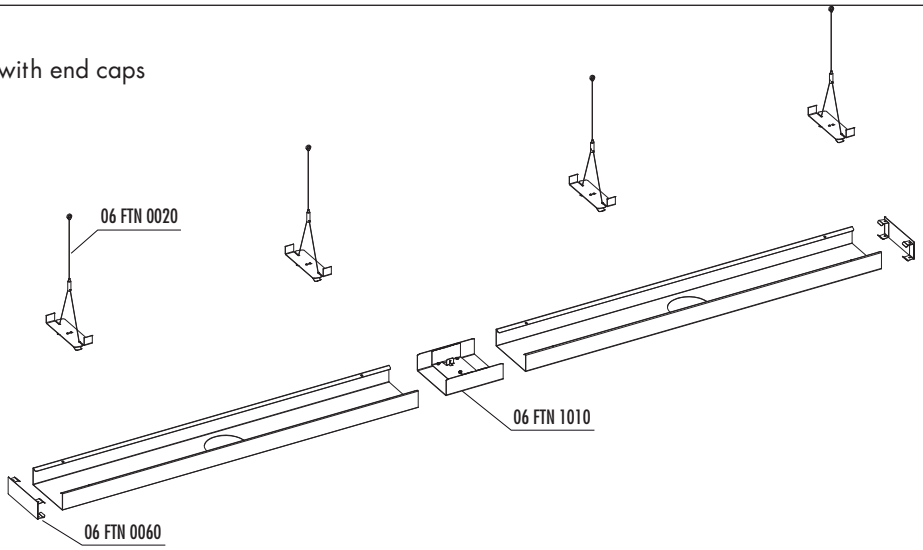
Square with corner pieces



Square with transverse profiles



Line with end caps



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CORDLINE Systems

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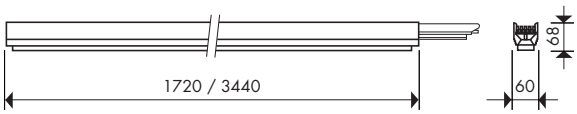
- Ideally suitable for ambient lighting
- Various optical attachments direct the light precisely onto the goods
- High flexibility thanks to options of mounting directly on the ceiling or suspension using height-adjustable cords

CORDLINE ALB

- Lighting technology LED
- Ceiling or suspended mounting
- Available in two lenght: 1720 mm or 3440 mm
- Light distribution asymmetrical or double-asymmetrical
- Light transmission 88%
- Supply unit included
- Tool-free mechanical and electrical connection
- Connection data: 220-240 V, 50/60Hz
- 5-poles pre-wiring
- DALI control system is possible
- Color: white
- Weights: 3,4 kg = 1720 mm
  6,7 kg = 3440 mm

IP20

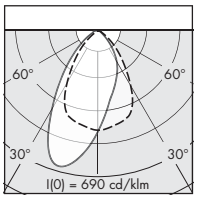


Photometric data

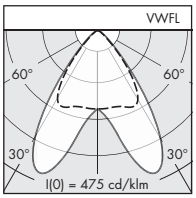
Length	CRI Light colour	$Lumen_{system}$	P_{system}	Efficiency
1720 mm	830	8200 lm	**70 W**	117 lm/W
	840	8700 lm		125 lm/W
3440 mm	830	16400 lm	**140 W**	117 lm/W
	840	17400 lm		125 lm/W

The information for the photometric values are standard values and refer to the entire luminaire.

asymmetrical



double-asymmetrical



m	E [lx/klm] a= 0.5 m	1.0 m
0.1	4	5
0.5	11	5
1.0	165	30
1.5	160	70
2.0	90	70
2.5	45	60
3.0	25	40

C90_270 h[m]	E[lx/klm]	
1.0	165	475
2.0	330	120
3.0	495	55
4.0	660	30
	ø[cm]	

C0_180 h[m]	E[lx/klm]	
1.0	146	475
2.0	292	120
3.0	438	55
4.0	584	30
	ø[cm]	

Linear system

Lenght	Light distribution		Article number CRI 830	Article number CRI 840
1720 mm	asymmetrical	right	**06 ALB 16000-01**	**06 ALB 16006-01**
		left	**06 ALB 16001-01**	**06 ALB 16007-01**
	double-asymmetrical		**06 ALB 16002-01**	**06 ALB 16008-01**
3440 mm	asymmetrical	right	**06 ALB 16003-01**	**06 ALB 16009-01**
		left	**06 ALB 16004-01**	**06 ALB 16010-01**
	double-asymmetrical		**06 ALB 16005-01**	**06 ALB 16011-01**

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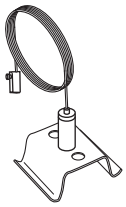
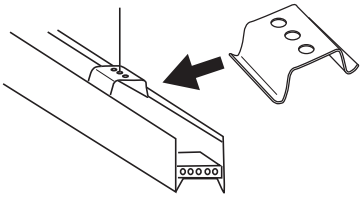
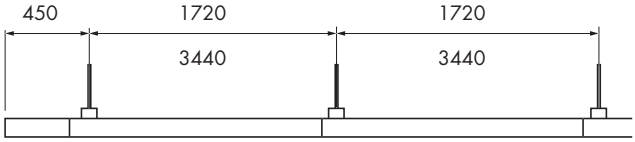
CORDLINE ALB

Accessories

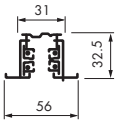
			Article number
Start Kit (Feed, one bracket, end cap)			**06 ALB 0001-01**
Blind modul		L = 1720 mm	**06 ALB 0002-01**
		L = 3440 mm	**06 ALB 0003-01**
Cover for dust protection		L = 1720 mm	**06 ALB 0004-01**
Suspended mounting:	Bracket with adjustable holder for wire suspension, incl. 3m steel wire 		**06 ALB 0006**
	Bracket with pig tail for chain suspension		**06 ALB 0005**
Ceiling mouting:	Bracket		**06 ALB 0007**

Planning information

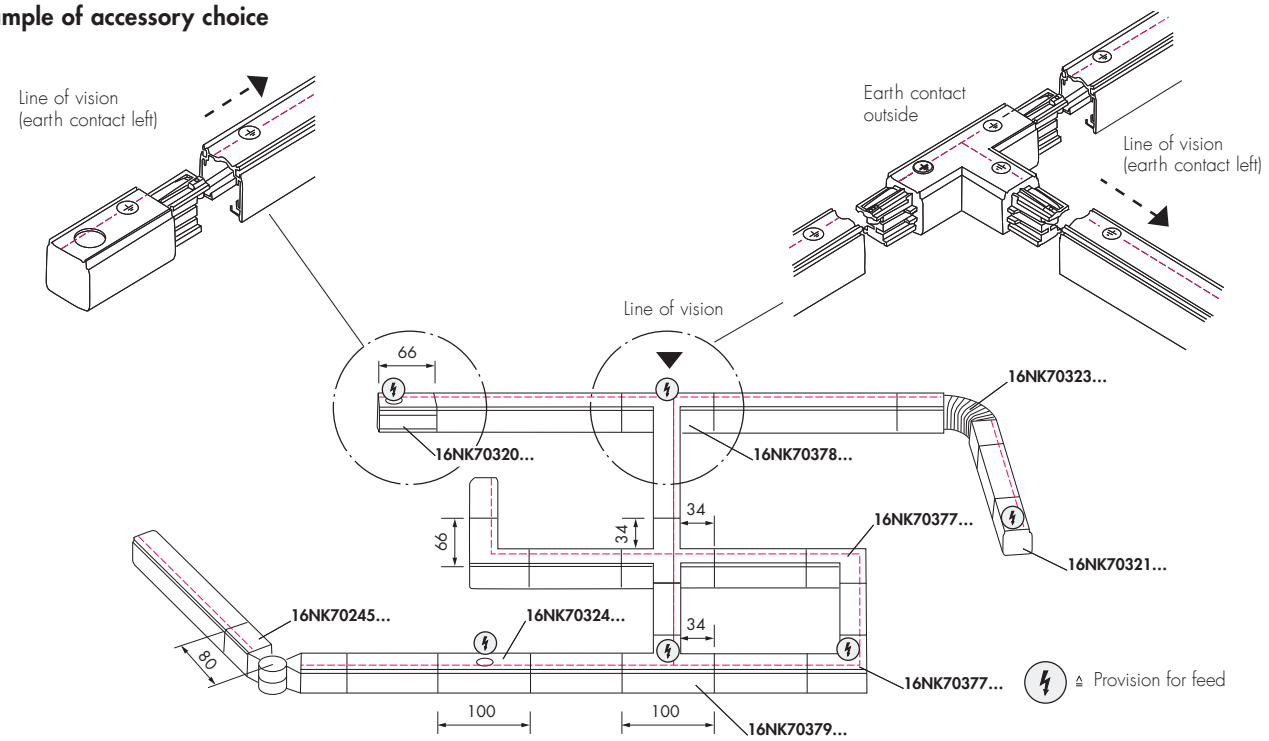




ACCESSORIES

		Lenghts	Colour	Article numbers
Tracks	Three-circuit surface mounted track	l = 1000mm	white	**16 NK 70391002**
			black	**16 NK 70391003**
			silver	**16 NK 70391004**
		l = 2000mm	white	**16 NK 70392002**
			black	**16 NK 70392003**
			silver	**16 NK 70392004**
		l = 3000mm	white	**16 NK 70393002**
			black	**16 NK 70393003**
			silver	**16 NK 70393004**
		l = 4000mm	white	**16 NK 70395002**
			black	**16 NK 70395003**
			silver	**16 NK 70395004**
	Three-circuit recessed mounted track 	l = 1000mm	white	**16 NK 70404002**
			black	**16 NK 70404003**
			silver	**16 NK 70404004**
		l = 2000mm	white	**16 NK 70405002**
			black	**16 NK 70405003**
			silver	**16 NK 70405004**
		l = 3000mm	white	**16 NK 70406002**
			black	**16 NK 70406003**
			silver	**16 NK 70406004**
		l = 4000mm	white	**16 NK 70407002**
			black	**16 NK 70407003**
			silver	**16 NK 70407004**

Example of accessory choice



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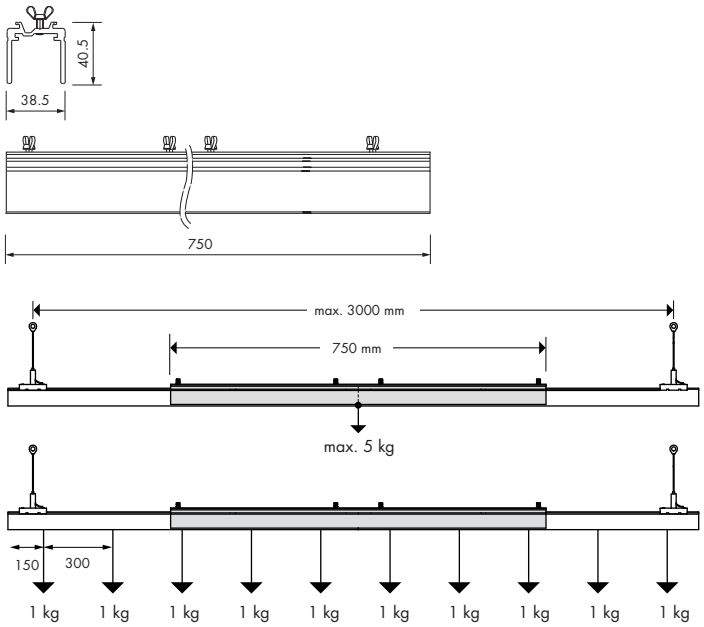
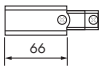
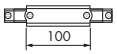
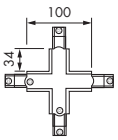
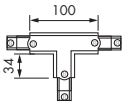
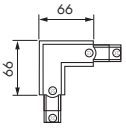
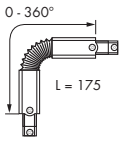
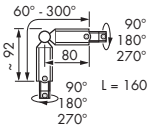
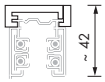
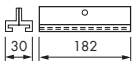
			Colour	Article numbers
Track stabilizer			white	**16NK0003-001**
			black	**16NK0003-002**
			silver	**16NK0003-410**
Feeding	Feed piece 	Earth contact left	white	**16 NK 70320002**
			black	**16 NK 70320003**
			silver	**16 NK 70320004**
		Earth contact right	white	**16 NK 70321002**
			black	**16 NK 70321003**
			silver	**16 NK 70321004**
	Straight connector with provision for feed 		white	**16 NK 70324002**
			black	**16 NK 70324003**
			silver	**16 NK 70324004**
	Cross connector with provision for feed 		white	**16 NK 70380002**
			black	**16 NK 70380003**
			silver	**16 NK 70380004**
	T-connector with provision for feed 	Earth contact left outside	white	**16 NK 70378002**
			black	**16 NK 70378003**
			silver	**16 NK 70378004**
		Earth contact left inside	white	**16 NK 70246002**
			black	**16 NK 70246003**
			silver	**16 NK 70246004**
		Earth contact right outside	white	**16 NK 70379002**
			black	**16 NK 70379003**
			silver	**16 NK 70379004**
		Earth contact right inside	white	**16 NK 70247002**
			black	**16 NK 70247003**
			silver	**16 NK 70247004**
	Corner connector with provisio 	Earth contact outside	white	**16 NK 70377002**
			black	**16 NK 70377003**
			silver	**16 NK 70377004**
		Earth contact inside	white	**16 NK 70376002**
			black	**16 NK 70376003**
			silver	**16 NK 70376004**

				Lenghts	Colour	Article numbers
Connectors		Flexible connector			white	**16 NK 70323002**
					black	**16 NK 70323003**
					silver	**16 NK 70323004**
		Binted connector			white	**16 NK 70245002**
					black	**16 NK 70245003**
					silver	**16 NK 70245004**
		Straight connector			white	**16 NK 70330002**
					black	**16 NK 70330003**
					silver	**16 NK 70330004**
Fixing piece	for surface and suspended mounting	Universal fixing piece			white	**16 NK 70594002**
					black	**16 NK 70594003**
					silver	**16 NK 70594004**
	for suspended mounting	Wire suspension with quick clamp, completely mounted		l = 3500mm	bare	**16 NK 0001**
				l = 5000mm	bare	**16 NK 0002**
		Suspension clip short			white	**16 NK 70354002**
					black	**16 NK 70354003**
					silver	**16 NK 70354004**
		Suspension clip long			white	**16 NK 70351002**
					silver	**16 NK 70351004**
		Wire suspension with mini-canopy		l = 1500mm	white	**16 NK 70505002**
					black	**16 NK 70505003**
				l = 3000mm	white	**16 NK 70525002**
					black	**16 NK 70525003**
				l = 5000mm	white	**16 NK 70545002**
					black	**16 NK 70545003**
		Threaded rod suspension with mini-canopy		l = 1000mm	white	**16 NK 70506002**
					black	**16 NK 70506003**
		Fixing piece			white	**16 NK 70509002**
					black	**16 NK 70509003**
		Rod extension			white	**16 NK 70519002**
					black	**16 NK 70519003**
	for surface mounting	Mounting clip for T-profile			white	**16 NK 70355002**
					black	**16 NK 70355003**
					silver	**16 NK 70355004**

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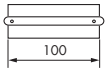
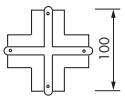
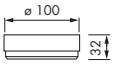
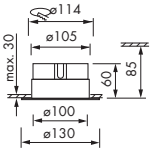
		Colour	Article numbers
Further accessories	Cover for feed piece and connector for recessed track 	white	**16 NK 70248002**
		black	**16 NK 70248003**
	Cover piece for corner, cross and T-connector for recessed track 	white	**16 NK 70249002**
		black	**16 NK 70249003**
	Dead end	white	**16 NK 70337002**
		black	**16 NK 70337003**
		silver	**16 NK 70337004**
	Spanner		**16 NK 70348**
	Hook	white	**16 NK 70384002**
		black	**16 NK 70384003**
	Ceiling jack for adapter 	white	**16 NK 70319002**
		black	**16 NK 70319003**
		silver	**16 NK 70319004**
	Recessed ceiling jack 	white	**16 NK 70360002**
		black	**16 NK 70360003**
	Multi adapter	white	**16 NK 70318002**
		black	**16 NK 70318003**
	Multi adapter with plug socket, single circuit	white	**16 NK 70316**

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