

PRODUCT DATASHEET

BLKH RD 300 P 17W ML 83040 BK

BULKHEAD ROUND | Robust wall and ceiling luminaire with IP65 and IK10 protection



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors, stairways, entrance areas
- Passages, underpasses
- Public areas

Product benefits

- Highly versatile due to selectable CCT and lumen steps (Multi Select) on the driver
- Flexible mounting patterns for convenient installation
- Suitable for use in dusty and damp locations thanks to high IP rating
- Suitable for use in public areas thanks to high IK rating
- Suitable for use in emergency lighting systems (DC capable)
- Separate decor element available for an aesthetic and functional product design

Product features

- UV-stabilized polycarbonate (PC) housing, PC-diffuser
- High luminous efficacy: > 120 lm/W for 3000 K and 4000 K
- Impact resistance: IK10
- Type of protection: IP65
- Push wire terminal for tool-free connection
- Through-wiring possible



TECHNICAL DATA

Electrical data

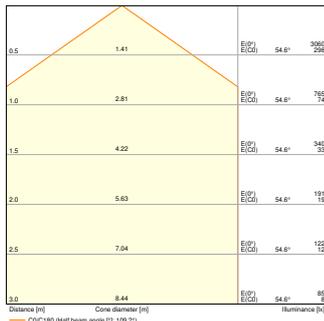
Nominal wattage	17 W / 15 W / 12.5 W / 10 W ¹⁾
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	75...65...55...45 mA
Inrush current	9.5 A
Inrush current time T _{h50}	26.8 µs
Max. number of luminaires per miniature circuit breaker B16	79
Max. number of luminaires per miniature circuit breaker C10	63
Max. number of luminaires per miniature circuit breaker C16	101
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Integrated LED driver

¹⁾ For possible options refer to lumen/power table image

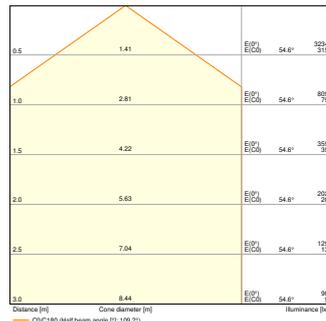
Photometrical data

Luminous flux	2270 lm / 1990 lm / 1700 lm / 1400 lm ¹⁾
Luminous efficacy	132 lm/W / 136 lm/W / 138 lm/W ¹⁾
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcn
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

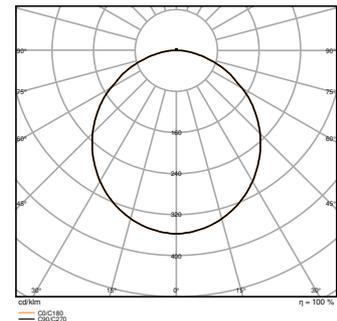
¹⁾ For possible options refer to lumen/power table image



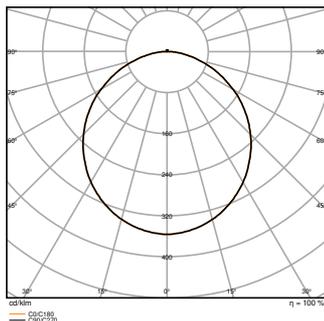
BLKH 300 P 17W 830 2140lm



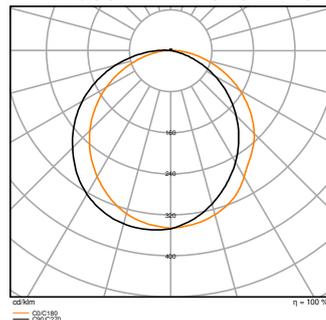
BLKH 300 P 17W 840 2270lm



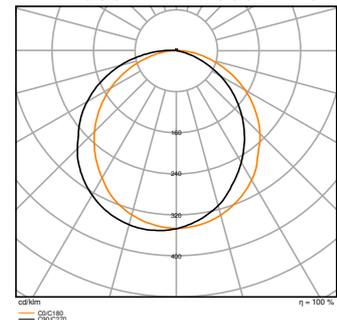
BLKH 300 P 17W 830 2140lm



BLKH 300 P 17W 840 2270lm



BLKH RD 300 P 17W 830 CPS BK
with Eyelid



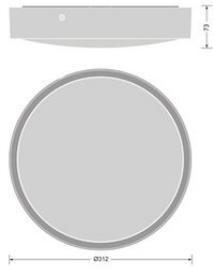
BLKH RD 300 P 17W 840 CPS BK
with Eyelid

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
17 W	4000 K	2270 lm	132 lm/W
17 W	3000 K	2140 lm	125 lm/W
15 W	4000 K	1990 lm	132 lm/W
15 W	3000 K	1880 lm	125 lm/W
12.5 W	4000 K	1700 lm	136 lm/W
12.5 W	3000 K	1600 lm	128 lm/W
10 W	4000 K	1400 lm	138 lm/W
10 W	3000 K	1310 lm	130 lm/W

Dimensions & Weight

Diameter	312.00 mm
Height	73.00 mm
Product weight	900.00 g



BULKHEAD ROUND 300 P

Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9003
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal
Type of protection	IP65
Protection class IK (shock resistance)	IK10
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Outdoor
With light source	Yes
Replaceable light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	70000 h ¹⁾
Lifespan L80/B10 at 25 °C	55000 h ¹⁾

Lifespan L80/B50 at 25 °C	65000 h
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	100000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	370...320...270...220 mA
ECG - Output ripple current	< 5 %

Emergency lighting

Type of Emergency Lighting (EL)	EL certified driver (0Hz / DC operation) for central battery operation included
Type of emergency operation test	None
Wattage in emergency operation mode	17 W
Luminous flux in emergency operation mode	2270 lm

Certificates & Standards

Standards	CE / CB / UKCA / EAC / ENEC / EL
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00029-V01.01-EN
Replaceable light source (EPREL)	Only by an expert

Additional product data

Added function	EVERLOOP / MULTI SELECT
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Accessories Optional

Product image	Product name	EAN
	BLKH RD Eyelid 300 BK	4099854286797
	BLKH RD Eyelid 300 WT	4099854286810

Product image	Product name	EAN
	BLKH RD Eyelid 250 WT	4099854286773
	BLKH RD Eyelid 250 BK	4099854286759
	LISOEV 300R 15W 830 840 BLKH	4099854311970
	DR DS-P- 18/220-240/370 BLKH	4099854286858

EQUIPMENT / ACCESSORIES

- Additional cover rings in different designs available
- Mounting screws and dowels included
- Anti-theft screw included

Upgrade and replacement components

Components Light Source

Product image	Product name	EAN
	LISOEV 300R 15W 830 840 BLKH	4099854311970

Components Driver

Product image	Product name	EAN
	DR DS-P- 18/220-240/370 BLKH	4099854286858

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	BLKH RD GEN2
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Light Source Insert G11233325
	Legal information	Legal Insert G11234785
	Legal information	Safety Insert G11234787
	Declarations of conformity	BLKH RD/LISOEV
	Declarations of conformity UKCA	BLKH RD/LISOEV
	EPD	EPD EN BULKHEAD ROUND
Photometric and lighting design files		Document name
	IES file (IES)	BLKH 300 P 17W 830 2140lm
	IES file (IES)	BLKH 300 P 17W 840 2270lm
	IES file (IES)	BLKH RD 300 P 17W 830 CPS BK with Eyelid
	IES file (IES)	BLKH RD 300 P 17W 840 CPS BK with Eyelid
	LDT file (Eulumdat)	BLKH 300 P 17W 830 2140lm
	LDT file (Eulumdat)	BLKH 300 P 17W 840 2270lm
	LDT file (Eulumdat)	BLKH RD 300 P 17W 830 CPS BK with Eyelid

Photometric and lighting design files	Document name
 LDT file (Eulumdat)	BLKH RD 300 P 17W 840 CPS BK with Eyelid
 ULD file (DIALux)	BLKH RD 300 P 17W CPS BK
 ROLF file (RELUX)	BLKH RD 300 P 17W CPS BK
 UGR file (UGR table)	BLKH 300 P 17W 830 2140lm
 UGR file (UGR table)	BLKH 300 P 17W 840 2270lm
 Light distribution curve type cone	BLKH 300 P 17W 830 2140lm
 Light distribution curve type cone	BLKH 300 P 17W 840 2270lm
 Light distribution curve type polar	BLKH 300 P 17W 830 2140lm
 Light distribution curve type polar	BLKH 300 P 17W 840 2270lm
 Light distribution curve type polar	BLKH RD 300 P 17W 830 CPS BK with Eyelid
 Light distribution curve type polar	BLKH RD 300 P 17W 840 CPS BK with Eyelid

CAD/BIM files	Document name
 BIM Revit 3D	Bulkhead Round
 CAD STEP 3D	BLKH G2 300

Tender texts	Document name
 Tender documents	BULKHEAD ROUND 300 P 17W CPS BK-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854286124	Folding box 1	77 mm x 317 mm x 317 mm	1034.00 g	7.74 dm ³
4099854286131	Shipping box 8	650 mm x 330 mm x 335 mm	8932.00 g	71.86 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

