

PRODUCT FAMILY DATASHEET

FLOODLIGHT 50

Floodlight with symmetrical light output with 50 W



AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

PRODUCT BENEFITS

- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 3 years guarantee

PRODUCT FEATURES

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK07
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



TECHNICAL DATA

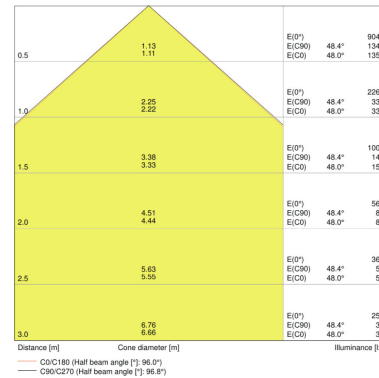
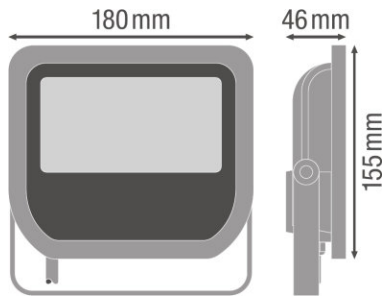
Product description	Electrical data			Luminaire control gear data			Photometrical data		
	Nominal wattage	Nominal voltage	Mains frequency	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux	Light color (designation)	Color rendering index Ra
FLOODLIGHT 50 W 3000 K IP65 BK	50.00 W	220...240 V	50/60 Hz	4	4	7	5250 lm	Warm White	≥80
FLOODLIGHT 50 W 3000 K IP65 WT	50.00 W	220...240 V	50/60 Hz	4	4	7	5250 lm	Warm White	≥80
FLOODLIGHT 50 W 4000 K IP65 BK	50.00 W	220...240 V	50/60 Hz	4	4	7	5500 lm	Cool White	≥80
FLOODLIGHT 50 W 4000 K IP65 WT	50.00 W	220...240 V	50/60 Hz	4	4	7	5500 lm	Cool White	≥80
FLOODLIGHT 50 W 6500 K IP65 BK	50.00 W	220...240 V	50/60 Hz	4	4	7	5500 lm	Cool Daylight	≥80
FLOODLIGHT 50 W 6500 K IP65 WT	50.00 W	220...240 V	50/60 Hz	4	4	7	5500 lm	Cool Daylight	≥80

Product description	Light technical data	Dimensions & weight				Colors & materials				Temperatures & operating conditions
	Beam angle	Length	Width	Height	Product weight	Body material	Product color	Housing color	Cover material	Ambient temperature range
FLOODLIGHT 50 W 3000 K IP65 BK	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	Black	Black	Tempered glass	-20...+50 °C
FLOODLIGHT 50 W 3000 K IP65 WT	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	White	White	Tempered glass	-20...+50 °C
FLOODLIGHT 50 W 4000 K IP65 BK	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	Black	Black	Tempered glass	-20...+50 °C
FLOODLIGHT 50 W 4000 K IP65 WT	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	White	White	Tempered glass	-20...+50 °C
FLOODLIGHT 50 W 6500 K IP65 BK	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	Black	Black	Tempered glass	-20...+50 °C
FLOODLIGHT 50 W 6500 K IP65 WT	100 ° x 100 °	155.0 mm	180.0 mm	46.0 mm	930.00 g	Aluminum/Polycarbonate (PC)	White	White	Tempered glass	-20...+50 °C

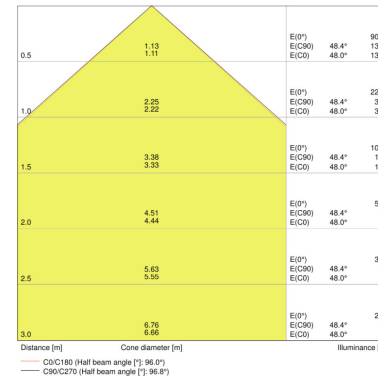
Product description	Lifespan				Capabilities		
	Number of switching cycles	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C	Adjustable	Dimmable	Type of connection
FLOODLIGHT 50 W 3000 K IP65 BK	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole

Product description	Lifespan				Capabilities		
	Number of switching cycles	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C	Adjustable	Dimmable	Type of connection
FLOODLIGHT 50 W 3000 K IP65 WT	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole
FLOODLIGHT 50 W 4000 K IP65 BK	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole
FLOODLIGHT 50 W 4000 K IP65 WT	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole
FLOODLIGHT 50 W 6500 K IP65 BK	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole
FLOODLIGHT 50 W 6500 K IP65 WT	100000	50000 h	30000 h	15000 h	Yes	No	Cable, 3-pole

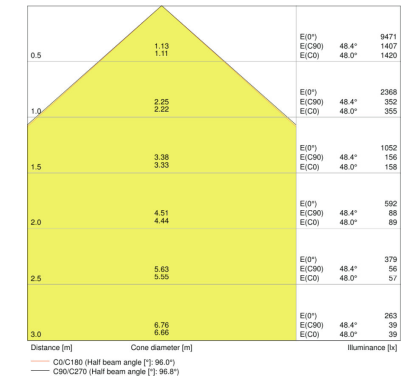
Product description	Certificates & standards		
	Protection class	Type of protection	Luminaire with limited surface temperature, class "D"
FLOODLIGHT 50 W 3000 K IP65 BK	I	IP65	Yes
FLOODLIGHT 50 W 3000 K IP65 WT	I	IP65	Yes
FLOODLIGHT 50 W 4000 K IP65 BK	I	IP65	Yes
FLOODLIGHT 50 W 4000 K IP65 WT	I	IP65	Yes
FLOODLIGHT 50 W 6500 K IP65 BK	I	IP65	Yes
FLOODLIGHT 50 W 6500 K IP65 WT	I	IP65	Yes



FLOODLIGHT 50 W 3000 K IP65 BK

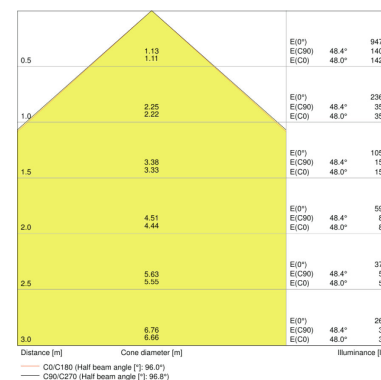
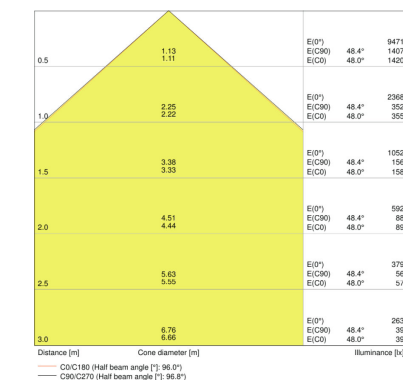
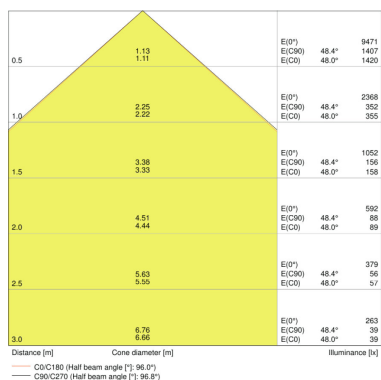


FLOODLIGHT 50 W 3000 K IP65 WT



FLOODLIGHT 50 W 4000 K IP65 BK

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- FLOODLIGHT 50 W 3000 K IP65 WT,
- FLOODLIGHT 50 W 4000 K IP65 BK,
- FLOODLIGHT 50 W 4000 K IP65 WT,
- FLOODLIGHT 50 W 6500 K IP65 BK,
- FLOODLIGHT 50 W 6500 K IP65 WT



FLOODLIGHT 50 W 4000 K IP65 WT

FLOODLIGHT 50 W 6500 K IP65 BK

FLOODLIGHT 50 W 6500 K IP65 WT

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097575	Shipping carton box 10	393 mm x 285 mm x 238 mm	10690.00 g	26.66 dm ³
4058075097599	Shipping carton box 10	393 mm x 285 mm x 238 mm	10790.00 g	26.66 dm ³
4058075097612	Shipping carton box 10	393 mm x 285 mm x 238 mm	10670.00 g	26.66 dm ³
4058075097636	Shipping carton box 10	393 mm x 285 mm x 238 mm	10800.00 g	26.66 dm ³
4058075097650	Shipping carton box 10	393 mm x 285 mm x 238 mm	10610.00 g	26.66 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097674	Shipping carton box 10	393 mm x 285 mm x 238 mm	10685.00 g	26.66 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.

REFERENCES / LINKS

For Guarantee see

- ▶ www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.