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PRODUCT FAMILY DATASHEET

FLOODLIGHT 50 W

Versatile floodlight with 50 W power consumption



AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Outdoor use (IP65)
- Public areas
- Building facades
- Construction areas
- Gardens, balconies and other outdoor areas

PRODUCT BENEFITS

- Bright, robust and durable
- Safe and very uniform illumination, due to frosted and tempered glass diffuser
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 5 years guarantee

PRODUCT FEATURES

- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- Integrated wide voltage driver, suitable for 100 - 277 V_{AC}
- Surge protection: up to 4 kV (L/N-PE), 2 kV (L-N)
- Mounting bracket with 30° angle and wide rotation area
- Breather membrane to optimize air exchange, without compromising IP protection
- Pre-installed, flexible 1 m cable (H05RN-F), wrapped 3 x 1.0 mm² single wires



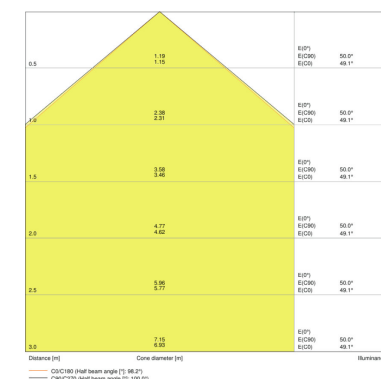
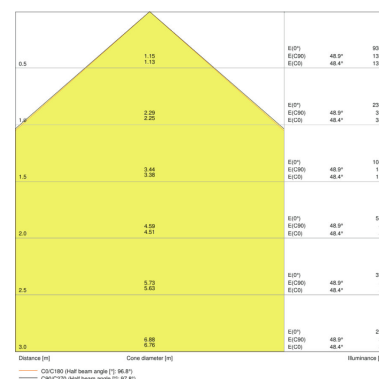
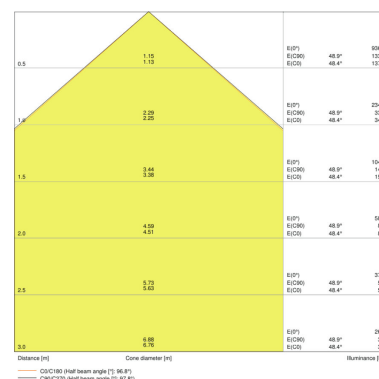
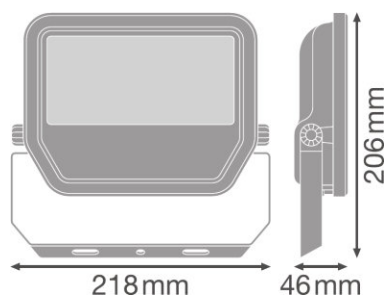
TECHNICAL DATA

Product description	Electrical data			Photometrical data			Light technical data	Dimensions & weight				Colors & materials
	Nominal wattage	Nominal voltage	Mains frequency	Luminous flux	Light color (designation)	Color rendering index Ra		Length	Width	Height	Product weight	
FL PFM 50 W 3000 K SYM 100 BK ¹⁾	50.00 W	100...277 V	50/60 Hz	5500 lm	Warm White	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum
FL PFM 50 W 3000 K SYM 100 WT ¹⁾	50.00 W	100...277 V	50/60 Hz	5500 lm	Warm White	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum
FL PFM 50 W 4000 K SYM 100 BK ¹⁾	50.00 W	100...277 V	50/60 Hz	6000 lm	Cool White	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum
FL PFM 50 W 4000 K SYM 100 WT ¹⁾	50.00 W	100...277 V	50/60 Hz	6000 lm	Cool White	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum
FL PFM 50 W 6500 K SYM 100 BK ¹⁾	50.00 W	100...277 V	50/60 Hz	6000 lm	Cool Daylight	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum
FL PFM 50 W 6500 K SYM 100 WT ¹⁾	50.00 W	100...277 V	50/60 Hz	6000 lm	Cool Daylight	≥80	100 ° x 100 °	206.0 mm	218.0 mm	46.0 mm	1000.00 g	Aluminum

Product description	Housing color	Product color	Temperatures & operating conditions	Lifespan	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C
			Ambient temperature range	Number of switching cycles			
FL PFM 50 W 3000 K SYM 100 BK ¹⁾	Black	Black	-30...+50 °C	100000	70000 h	55000 h	35000 h
FL PFM 50 W 3000 K SYM 100 WT ¹⁾	White	White	-30...+50 °C	100000	70000 h	55000 h	35000 h
FL PFM 50 W 4000 K SYM 100 BK ¹⁾	Black	Black	-30...+50 °C	100000	70000 h	55000 h	35000 h
FL PFM 50 W 4000 K SYM 100 WT ¹⁾	White	White	-30...+50 °C	100000	70000 h	55000 h	35000 h
FL PFM 50 W 6500 K SYM 100 BK ¹⁾	Black	Black	-30...+50 °C	100000	70000 h	55000 h	35000 h
FL PFM 50 W 6500 K SYM 100 WT ¹⁾	White	White	-30...+50 °C	100000	70000 h	55000 h	35000 h

Product description	Capabilities			Certificates & standards			Logistical data
	Adjustable	Dimmable	Type of connection	Protection class	Type of protection	Luminaire with limited surface temperature, class "D"	Temperature range at storage
FL PFM 50 W 3000 K SYM 100 BK ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C
FL PFM 50 W 3000 K SYM 100 WT ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C
FL PFM 50 W 4000 K SYM 100 BK ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C
FL PFM 50 W 4000 K SYM 100 WT ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C
FL PFM 50 W 6500 K SYM 100 BK ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C
FL PFM 50 W 6500 K SYM 100 WT ¹⁾	Yes	No	Cable, 3-pole	I	IP65	No	-40...+70 °C

¹⁾ Available from July 2020

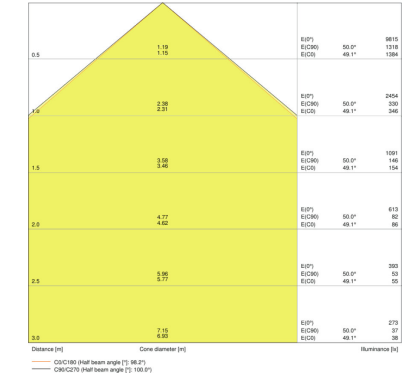


FL PFM 50 W 3000 K SYM 100 BK, FL PFM 50 W 3000 K SYM 100 WT, FL PFM 50 W 4000 K SYM 100 BK, FL PFM 50 W 4000 K SYM 100 WT, FL PFM 50 W 6500 K SYM 100 BK, FL PFM 50 W 6500 K SYM 100 WT

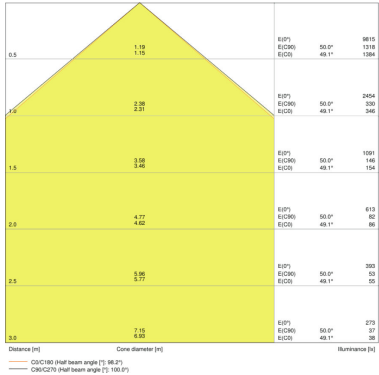
FL PFM 50 W 3000 K SYM 100 BK

FL PFM 50 W 3000 K SYM 100 WT

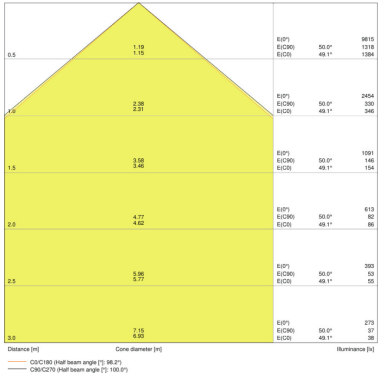
FL PFM 50 W 4000 K SYM 100 BK



FL PFM 50 W 4000 K SYM 100 WT



FL PFM 50 W 6500 K SYM 100 BK



FL PFM 50 W 6500 K SYM 100 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
4058075421233	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 dm ³
4058075421257	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 dm ³
4058075421271	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 dm ³
4058075421295	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 dm ³
4058075421318	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075421332	Shipping carton box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 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

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