

# PRODUCT FAMILY DATASHEET

## LEDVANCE FLOODLIGHT LED SENSOR

### LED floodlights



#### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas

#### PRODUCT BENEFITS

- High luminous efficacy
- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light
- 3 years guarantee

#### PRODUCT FEATURES

- Microprismatic optics
- PIR motion and daylight sensor
- Type of protection: IP65
- Impact resistance: IK07
- Black polycarbonate housing, tempered glass cover
- Ambient temperature in operation: -20...+50 °C



## TECHNICAL DATA

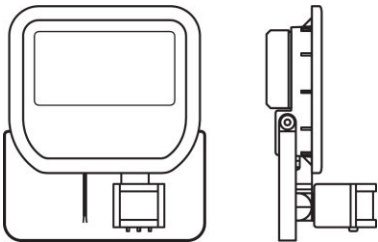
Product description	Electrical data					Photometrical data					Light technical data
	Operating mode	Nominal wattage	Nominal voltage	Mains frequency	Power factor $\lambda$	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Standard deviation of color matching	Beam angle
FLOODLIGHT LED 50 W 4000 K BK SENSOR	Electronic control gear (ECG)	50.00 W	220...240 V	50/60 Hz	>0.95	4000 K	4750 lm	Cool White	>80	≤5 sdc <sub>m</sub>	100.00 °
FLOODLIGHT LED 50 W 3000 K BK SENSOR	Electronic control gear (ECG)	50.00 W	220...240 V	50/60 Hz	>0.95	3000 K	4750 lm	Warm White	>80	≤5 sdc <sub>m</sub>	100.00 °
FLOODLIGHT LED 20 W 4000 K BK SENSOR	Electronic control gear (ECG)	20.00 W	220...240 V	50/60 Hz	>0.95	4000 K	1900 lm	Cool White	>80	≤5 sdc <sub>m</sub>	100.00 °
FLOODLIGHT LED 20 W 3000 K BK SENSOR	Electronic control gear (ECG)	20.00 W	220...240 V	50/60 Hz	>0.95	3000 K	1900 lm	Warm White	>80	≤5 sdc <sub>m</sub>	100.00 °

Product description	Dimensions & weight			Colors & materials			Temperatures & operating conditions	Lifespan	
	Length	Width	Height	Body material	Product color	Cover material	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
FLOODLIGHT LED 50 W 4000 K BK SENSOR	216.0 mm	251.0 mm	62.0 mm	Polycarbonate (PC)	Black	Glass	-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 50 W 3000 K BK SENSOR	216.0 mm	251.0 mm	62.0 mm	Polycarbonate (PC)	Black	Glass	-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 20 W 4000 K BK SENSOR	167.0 mm	223.5 mm	44.0 mm	Polycarbonate (PC)	Black	Glass	-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 20 W 3000 K BK SENSOR	167.0 mm	223.5 mm	44.0 mm	Polycarbonate (PC)	Black	Glass	-20...50 °C	50000 h	30000 h

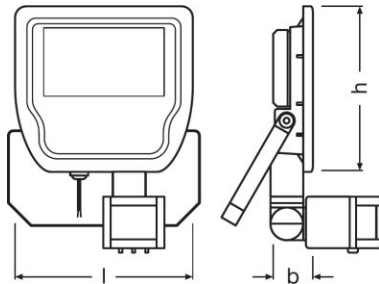
Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities			Certificates & standards	
			Dimmable	Type of sensor	Type of connection	Protection class	Type of protection
FLOODLIGHT LED 50 W 4000 K BK SENSOR	15000 h	30000	No	Passive infrared (PIR) / Motion / Daylight	Cable, 3-pole	I	IP65

Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities			Certificates & standards	
			Dimmable	Type of sensor	Type of connection	Protection class	Type of protection
FLOODLIGHT LED 50 W 3000 K BK SENSOR	15000 h	30000	No	Passive infrared (PIR) / Motion / Daylight	Cable, 3-pole	I	IP65
FLOODLIGHT LED 20 W 4000 K BK SENSOR	15000 h	30000	No	Passive infrared (PIR) / Motion / Daylight	Cable, 3-pole	I	IP65
FLOODLIGHT LED 20 W 3000 K BK SENSOR	15000 h	30000	No	Passive infrared (PIR) / Motion / Daylight	Cable, 3-pole	I	IP65

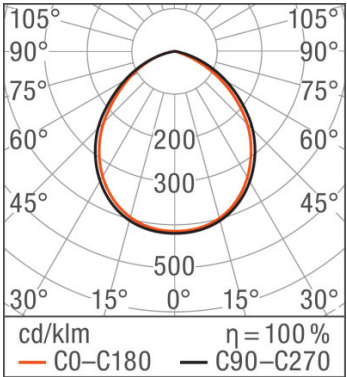
Product description	Standards
FLOODLIGHT LED 50 W 4000 K BK SENSOR	CE/CB/TÜV SÜD/EAC/RoHS
FLOODLIGHT LED 50 W 3000 K BK SENSOR	CE/CB/TÜV SÜD/EAC/RoHS
FLOODLIGHT LED 20 W 4000 K BK SENSOR	CE/CB/TÜV SÜD/EAC/RoHS
FLOODLIGHT LED 20 W 3000 K BK SENSOR	CE/CB/TÜV SÜD/EAC/RoHS



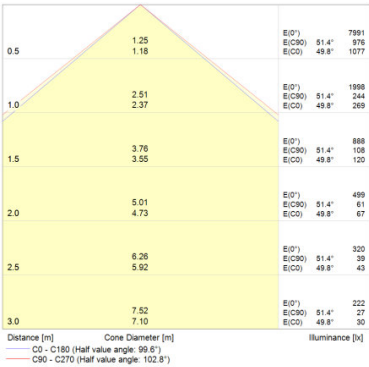
FLOODLIGHT LED 50 W 4000 K BK  
SENSOR, FLOODLIGHT LED 50 W 3000  
K BK SENSOR



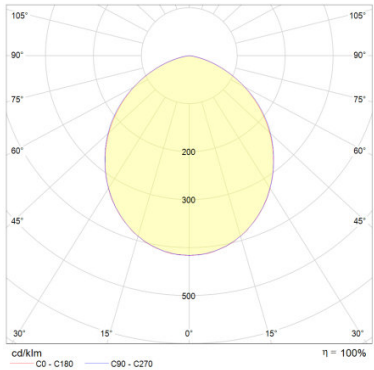
FLOODLIGHT LED 20 W 4000 K BK  
SENSOR, FLOODLIGHT LED 20 W 3000  
K BK SENSOR



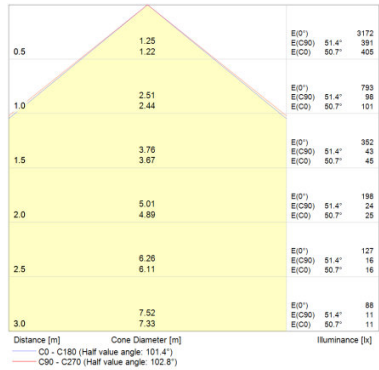
FLOODLIGHT LED 50 W 4000 K BK  
SENSOR



FLOODLIGHT LED 50 W 3000 K BK  
SENSOR



FLOODLIGHT LED 20 W 4000 K BK  
SENSOR



FLOODLIGHT LED 20 W 3000 K BK  
SENSOR

## APPLICATION ADVICE

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

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075814738	FLOODLIGHT LED 50 W 4000 K BK SENSOR	Shipping carton box 10	488 mm x 342 mm x 286 mm	47.73 dm <sup>3</sup>	16376.00 g
4058075814714	FLOODLIGHT LED 50 W 3000 K BK SENSOR	Shipping carton box 10	488 mm x 342 mm x 286 mm	47.73 dm <sup>3</sup>	16283.00 g
4058075814691	FLOODLIGHT LED 20 W 4000 K BK SENSOR	Shipping carton box 10	388 mm x 347 mm x 275 mm	37.02 dm <sup>3</sup>	10247.00 g
4058075814677	FLOODLIGHT LED 20 W 3000 K BK SENSOR	Shipping carton box 10	388 mm x 347 mm x 275 mm	37.02 dm <sup>3</sup>	9380.00 g

— 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](http://www.ledvance.com/guarantee)

## DISCLAIMER

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