



PRODUCT FAMILY DATASHEET

FLOODLIGHT VALUE SENSOR

Floodlight with motion and daylight sensor



Areas of application

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

Product benefits

- Demand optimized illumination due to flexible and programmable sensor
- Semi-frosted, tempered glass cover for uniform illumination
- Quick and simple installation thanks to low profile, compact and light weight design
- Energy savings of up to 80 % compared to halogen lamp floodlights
- 3 years guarantee

Product features

- PIR motion detector and daylight sensor
- Luminous efficacy: up to 90 lm/W
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting
- Type of protection: IP44
- Impact resistance: IK06 (10 W to 50 W), IK08 (from 100 W)
- Ambient temperature in operation: -10...+40 °C



TECHNICAL DATA



Electrical data

Product description	Nominal wattage	Operating mode	Nominal voltage	Nominal current	Inrush current
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	50.00 W	Integrated LED driver	220...240 V	220 mA	6 A
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	30.00 W	Integrated LED driver	220...240 V	145 mA	4 A
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	10.00 W	Integrated LED driver	220...240 V	46 mA	2 A
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	20.00 W	Integrated LED driver	220...240 V	92 mA	2 A

Product description	Inrush current time T_{h50}	Power factor λ	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
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	102 μ s	$\geq 0,90$	20	12	20
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	102 μ s	$\geq 0,90$	18	11	18
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	96 μ s	$> 0,70$	56	35	56
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	66 μ s	$\geq 0,90$	28	18	28

Product description	Total harmonic distortion
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	$< 20 \%$
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	$< 20 \%$
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	$< 35 \%$
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	$< 35 \%$

LUMINAIRE SENSOR DATA

Product description	Type of sensor	Sensor technology	Sensor detection angle	Sensor controlled switching time	Detection range of motion sensor
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	Motion / Light	Passive infrared (PIR)	120 °	10 s...10 min	2...9 m
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	Motion / Light	Passive infrared (PIR)	120 °	10 s...10 min	2...9 m



Product description	Type of sensor	Sensor technology	Sensor detection angle		
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	Motion / Light	Passive infrared (PIR)	120 °		
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	Motion / Light	Passive infrared (PIR)	120 °	10 s...10 min	2...9 m

Product description	Detection threshold of daylight sensor
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	10...2000 lx
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	10...2000 lx
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	10...2000 lx
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	10...2000 lx

Photometrical data

Product description	Color temperature	Luminous flux	Luminous efficacy	Light color (designation)	Standard deviation of color matching
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	4000 K	4500 lm	90 lm/W	Cool White	< 6 sdc
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	4000 K	2700 lm	90 lm/W	Cool White	< 6 sdc
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	4000 K	800 lm	80 lm/W	Cool White	< 6 sdc
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	4000 K	1700 lm	85 lm/W	Cool White	< 6 sdc

Product description	Color rendering index Ra
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	≥80
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	≥80
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	≥80
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	≥80

Light technical data

Product description	Beam angle
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	110 °

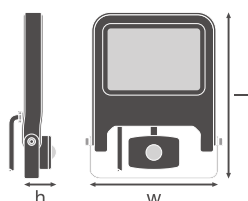


Product description	Beam angle
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	110 °
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	110 °
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	110 °

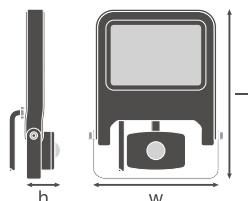
Dimensions & weight

Product description	Length	Height	Width	Product weight
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	253.00 mm	70.00 mm	191.00 mm	1150.000 g
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	211.00 mm	66.00 mm	153.00 mm	720.000 g
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	154.00 mm	63.00 mm	93.00 mm	350.000 g
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	178.00 mm	66.00 mm	118.00 mm	490.000 g

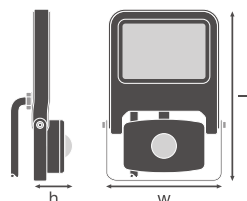
Product line drawing



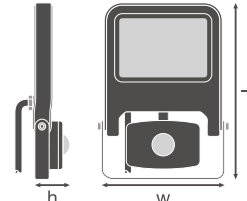
FLOODLIGHT VALUE Sensor
50 W 4000 K IP44 BK,



FLOODLIGHT VALUE Sensor
30 W 4000 K IP44 BK,



FLOODLIGHT VALUE Sensor
10 W 4000 K IP44 BK,



FLOODLIGHT VALUE Sensor
20 W 4000 K IP44 BK

Colors & materials

Product description	Body material	Product color	Housing color	Cover material	Light emitting surface material
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	Aluminum	Black	Black	Glass	Glass
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	Aluminum	Black	Black	Glass	Glass
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	Aluminum	Black	Black	Glass	Glass

Product description	Body material	Product color	Housing color
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	Aluminum	Black	Black



Temperatures & operating conditions

Product description	Ambient temperature range
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	-10...+40 °C
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	-10...+40 °C
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	-10...+40 °C
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	-10...+40 °C

Lifespan

Product description	Number of switching cycles	Lifespan L70/B50 at 25 °C
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	10000	30000 h
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	10000	30000 h
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	10000	30000 h
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	10000	30000 h

Additional product data

Product description	Mounting location
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	Wall / Ceiling / Floor
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	Wall / Ceiling / Floor
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	Wall / Ceiling / Floor
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	Wall / Ceiling / Floor

Capabilities

Product description	Adjustable	Dimmable	Type of connection	ErP LEDmod replaceable	Ball shot safe
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	Yes	No	Cable, 3-pole	Not replaceable	No

Product description	Adjustable	Dimmable	Type of connection
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	Yes	No	Cable, 3-pole
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	Yes	No	Cable, 3-pole
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	Yes	No	Cable, 3-pole



Not replaceable

No

Not replaceable

No

Certificates & standards

Product description	Protection class IK (shock resistance)	Glow Wire Test according to IEC 69	Protection class	Type of protection	Standards
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	IK06	650 °C	I	IP44	CE / CB / TÜV SÜD / EAC / RoHS
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	IK06	650 °C	I	IP44	CE / CB / TÜV SÜD / EAC / RoHS
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	IK06	650 °C	I	IP44	CE / CB / TÜV SÜD / EAC / RoHS
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	IK06	650 °C	I	IP44	CE / CB / TÜV SÜD / EAC / RoHS

Product description	Luminaire with limited surface temperature, class "D"
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	No
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	No
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	No
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	No

APPLICATION ADVICE

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

SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK	4058075268746	-	-	-	-

Product description	Product code	MET
FLOODLIGHT VALUE Sensor 30 W 4000 K IP44 BK	4058075268722	-
FLOODLIGHT VALUE Sensor 10 W 4000 K IP44 BK	4058075268685	-
FLOODLIGHT VALUE Sensor 20 W 4000 K IP44 BK	4058075268708	-



DOWNLOAD DATA

DOWNLOAD DATA	
	Tender documents Tender Text 4058075268746
	Declarations of conformity CE FLOODLIGHT VALUE 50W SENSOR 840 AC16598
	IES file (IES) FLOOD VALUE 50W 4000K BK S IP65
	LDT file (Eulumdat) FLOOD VALUE 50W 4000K BK S IP65
	R3D file (Relux 3D Model) FLOODLIGHT VALUE SENSOR 50 W
	M4D file (3D Model with rotation axis) FLOODLIGHT VALUE SENSOR 50 W
	UGR file (UGR table) FLOOD VALUE 50W 4000K BK S IP65
	Tender documents Tender Text 4058075268722
	Declarations of conformity CE FLOODLIGHT VALUE 30W SENSOR 840 AC16597
	IES file (IES) FLOOD VALUE 30W 4000K BK S IP65
	LDT file (Eulumdat) FLOOD VALUE 30W 4000K BK S IP65
	R3D file (Relux 3D Model) FLOODLIGHT VALUE SENSOR 30 W
	M4D file (3D Model with rotation axis) FLOODLIGHT VALUE SENSOR 30 W
	UGR file (UGR table) FLOOD VALUE 30W 4000K BK S IP65
	Tender documents Tender Text 4058075268685



DOWNLOAD DATA

	Declarations of conformity CE FLOODLIGHT VALUE 10W SENSOR 840 AC16595
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	LDT file (Eulumdat) FLOOD VALUE 10W 4000K BK S IP65
	R3D file (Relux 3D Model) FLOODLIGHT VALUE SENSOR 10 W
	M4D file (3D Model with rotation axis) FLOODLIGHT VALUE SENSOR 10 W
	UGR file (UGR table) FLOOD VALUE 10W 4000K BK S IP65
	Tender documents Tender Text 4058075268708
	Declarations of conformity CE FLOODLIGHT VALUE 20W SENSOR 840 AC16596
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	LDT file (Eulumdat) FLOOD VALUE 20W 4000K BK S IP65
	R3D file (Relux 3D Model) FLOODLIGHT VALUE SENSOR 20 W
	M4D file (3D Model with rotation axis) FLOODLIGHT VALUE SENSOR 20 W
	UGR file (UGR table) FLOOD VALUE 20W 4000K BK S IP65

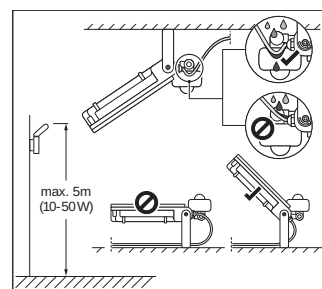
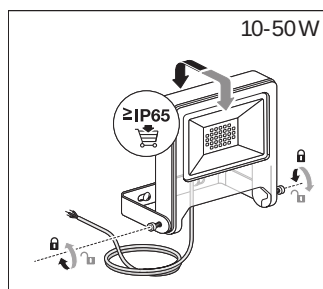
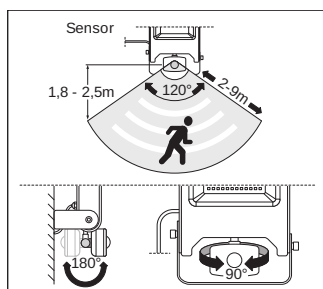
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075268746	Folding box 1	80 mm x 217 mm x 279 mm	1233.00 g	4.84 dm ³
4058075268722	Folding box 1	84 mm x 179 mm x 236 mm	785.00 g	3.55 dm ³
4058075268685	Folding box 1	84 mm x 117 mm x 182 mm	396.00 g	1.79 dm ³
4058075268708	Folding box 1	72 mm x 142 mm x 208 mm	539.00 g	2.13 dm ³

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



ADDITIONAL CATALOG INFORMATION



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.