

PRODUCT FAMILY DATASHEET

LEDVANCE FLOODLIGHT LED

LED floodlight luminaires



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light

PRODUCT FEATURES

- Luminaire efficacy: up to 100 lm/W
- Beam angle: 100°
- Type of protection: IP65



TECHNICAL DATA

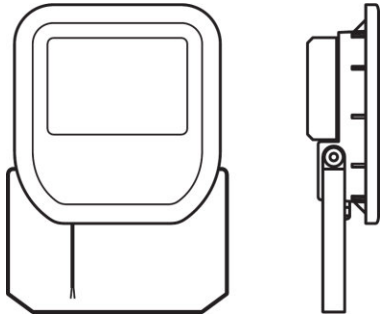
Product description	Electrical data					Photometrical data					Light technical data
	Operating mode	Nominal wattage	Nominal voltage	Mains frequency	Power factor λ	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Standard deviation of color matching	Beam angle
FLOODLIGHT LED 10 W 3000 K WT	Electronic control gear (ECG)	10.00 W	220...240 V	50/60 Hz	>0.90	3000 K	800 lm	Warm White	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 10 W 4000 K WT	Electronic control gear (ECG)	10.00 W	220...240 V	50/60 Hz	>0.90	4000 K	800 lm	Cool White	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 20 W 3000 K WT	Electronic control gear (ECG)	20.00 W	220...240 V	50/60 Hz	>0.90	3000 K	2000 lm	Warm White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 20 W 3000 K BK	Electronic control gear (ECG)	20.00 W	220...240 V	50/60 Hz	>0.90	3000 K	2000 lm	Warm White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 20 W 4000 K BK	Electronic control gear (ECG)	20.00 W	220...240 V	50/60 Hz	>0.90	4000 K	2000 lm	Cool White	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 50 W 3000 K WT	Electronic control gear (ECG)	50.00 W	220...240 V	50/60 Hz	>0.90	3000 K	5000 lm	Warm White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 50 W 3000 K BK	Electronic control gear (ECG)	50.00 W	220...240 V	50/60 Hz	>0.90	3000 K	5000 lm	Warm White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 50 W 4000 K BK	Electronic control gear (ECG)	50.00 W	220...240 V	50/60 Hz	>0.90	4000 K	5000 lm	Cool White	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 100 W 4000 K BK	Electronic control gear (ECG)	100.00 W	220...240 V	50/60 Hz	>0.90	4000 K	10000 lm	Cool White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 100 W 6500 K BK	Electronic control gear (ECG)	100.00 W	220...240 V	50/60 Hz	>0.90	6500 K	10000 lm	Cool Daylight	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 150 W 4000 K BK	Electronic control gear (ECG)	150.00 W	220...240 V	50/60 Hz	>0.90	4000 K	15000 lm	Cool White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 150 W 6500 K BK	Electronic control gear (ECG)	150.00 W	220...240 V	50/60 Hz	>0.90	6500 K	15000 lm	Cool Daylight	≥80	≤5 sdc	100.00 °
FLOODLIGHT LED 200 W 4000 K BK	Electronic control gear (ECG)	200.00 W	220...240 V	50/60 Hz	>0.90	4000 K	20000 lm	Cool White	>80	≤5 sdc	100.00 °
FLOODLIGHT LED 200 W 6500 K BK	Electronic control gear (ECG)	200.00 W	220...240 V	50/60 Hz	>0.90	6500 K	20000 lm	Cool Daylight	≥80	≤5 sdc	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 10 W 3000 K WT	117.0 mm	127.0 mm	39.0 mm	Polycarbonate (PC)	White		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 10 W 4000 K WT	117.0 mm	127.0 mm	39.0 mm	Polycarbonate (PC)	White		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 20 W 3000 K WT	155.0 mm	167.0 mm	44.0 mm	Polycarbonate (PC)	White		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 20 W 3000 K BK	155.0 mm	167.0 mm	44.0 mm	Polycarbonate (PC)	Black		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 20 W 4000 K BK	167.0 mm	155.0 mm	44.0 mm	Polycarbonate (PC)	Black		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 50 W 3000 K WT	187.0 mm	216.0 mm	62.0 mm	Polycarbonate (PC)	White		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 50 W 3000 K BK	187.0 mm	216.0 mm	81.0 mm	Polycarbonate (PC)	Black		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 50 W 4000 K BK	187.0 mm	216.0 mm	62.0 mm	Polycarbonate (PC)	Black		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 100 W 4000 K BK	243.0 mm	253.0 mm	93.0 mm	Aluminum	Black		-20...50 °C	50000 h	40000 h
FLOODLIGHT LED 100 W 6500 K BK	253.0 mm	243.0 mm	92.5 mm	Aluminum	Black	Glass	-20...50 °C	50000 h	40000 h
FLOODLIGHT LED 150 W 4000 K BK	269.0 mm	298.0 mm	128.0 mm	Aluminum	Black		-20...50 °C	50000 h	30000 h
FLOODLIGHT LED 150 W 6500 K BK	298.0 mm	269.0 mm	128.0 mm	Aluminum	Black	Glass	-20...50 °C	50000 h	40000 h
FLOODLIGHT LED 200 W 4000 K BK	328.0 mm	362.0 mm	125.0 mm	Aluminum	Black		-20...50 °C	50000 h	40000 h
FLOODLIGHT LED 200 W 6500 K BK	362.0 mm	328.0 mm	124.0 mm	Aluminum	Black	Glass	-20...50 °C	50000 h	40000 h

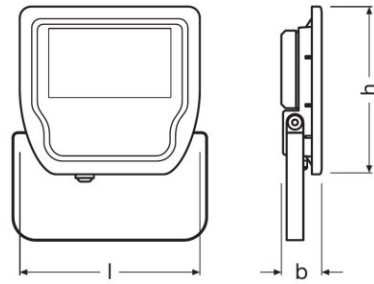
Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities		Certificates & standards	
			Dimmable	Type of connection	Protection class	Type of protection
FLOODLIGHT LED 10 W 3000 K WT	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 10 W 4000 K WT	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 20 W 3000 K WT	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 20 W 3000 K BK	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 20 W 4000 K BK	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 50 W 3000 K WT	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 50 W 3000 K BK	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 50 W 4000 K BK	15000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 100 W 4000 K BK	20000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 100 W 6500 K BK	20000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 150 W 4000 K BK	15000 h	30000	No	Cable, 3-pole	I	IP65

Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities		Certificates & standards	
			Dimmable	Type of connection	Protection class	Type of protection
FLOODLIGHT LED 150 W 6500 K BK	20000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 200 W 4000 K BK	20000 h	30000	No	Cable, 3-pole	I	IP65
FLOODLIGHT LED 200 W 6500 K BK	20000 h	30000	No	Cable, 3-pole	I	IP65

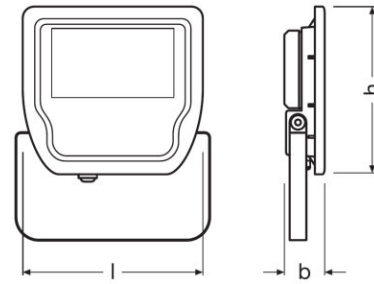
Product description	Standards
FLOODLIGHT LED 10 W 3000 K WT	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 10 W 4000 K WT	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 20 W 3000 K WT	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 20 W 3000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 20 W 4000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 50 W 3000 K WT	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 50 W 3000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 50 W 4000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 100 W 4000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 100 W 6500 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 150 W 4000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 150 W 6500 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 200 W 4000 K BK	CE/CB/TÜV SÜD/EAC/ROHS
FLOODLIGHT LED 200 W 6500 K BK	CB/TÜV SÜD/EAC/ROHS/CE



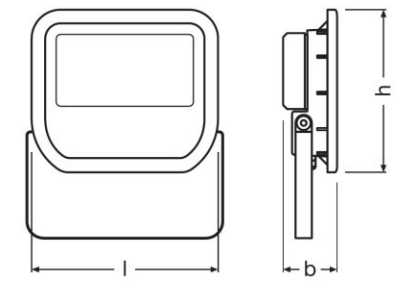
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FLOODLIGHT LED 10 W 4000 K WT



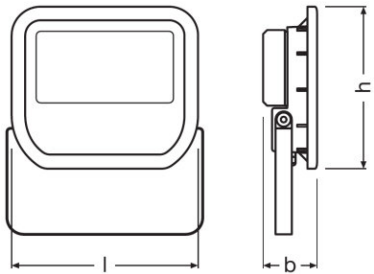
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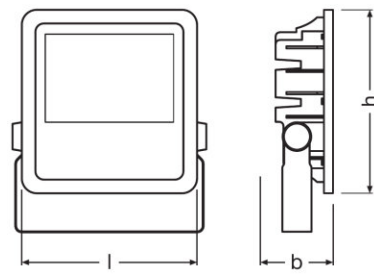
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FLOODLIGHT LED 20 W 4000 K BK



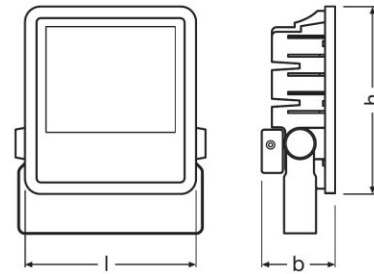
FLOODLIGHT LED 50 W 3000 K WT



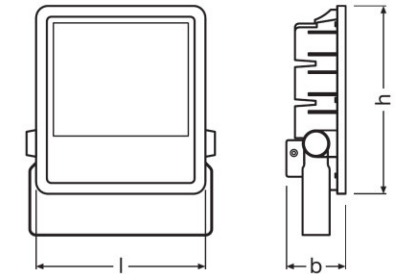
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FLOODLIGHT LED 50 W 4000 K BK



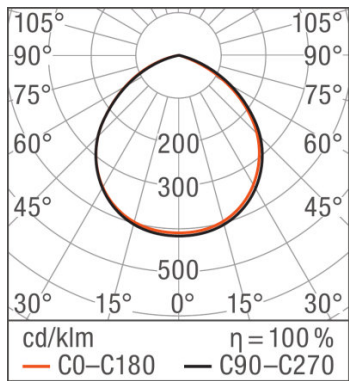
FLOODLIGHT LED 100 W 4000 K BK,
FLOODLIGHT LED 100 W 6500 K BK



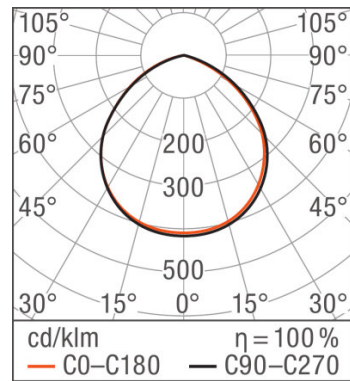
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FLOODLIGHT LED 150 W 6500 K BK



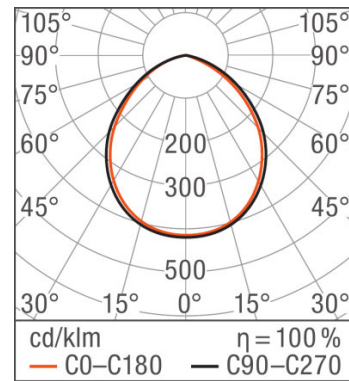
FLOODLIGHT LED 200 W 4000 K BK,
FLOODLIGHT LED 200 W 6500 K BK



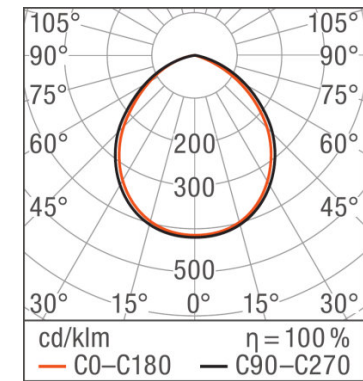
FLOODLIGHT LED 20 W 3000 K WT



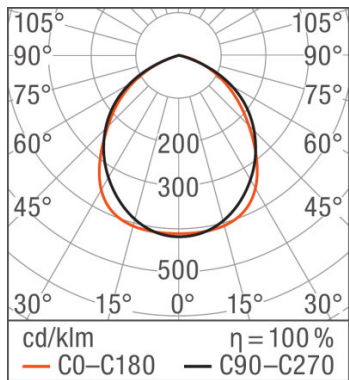
FLOODLIGHT LED 20 W 3000 K BK



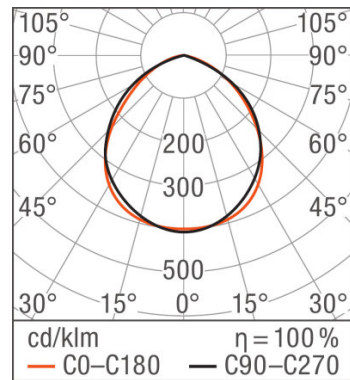
FLOODLIGHT LED 50 W 3000 K WT



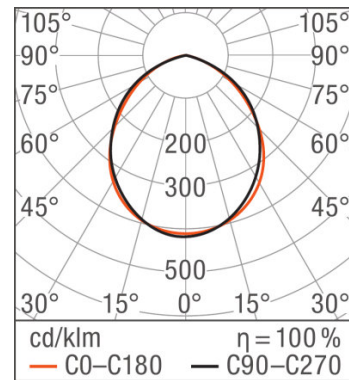
FLOODLIGHT LED 50 W 3000 K BK



FLOODLIGHT LED 100 W 4000 K BK



FLOODLIGHT LED 150 W 4000 K BK



FLOODLIGHT LED 200 W 4000 K BK

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
4058075810938	FLOODLIGHT LED 10 W 3000 K WT	Shipping carton box 10	280 mm x 248 mm x 210 mm	14.58 dm ³	5.00 g
4058075810952	FLOODLIGHT LED 10 W 4000 K WT	Shipping carton box 10	280 mm x 248 mm x 210 mm	14.58 dm ³	5.00 g
4058075001084	FLOODLIGHT LED 20 W 3000 K WT	Shipping carton box 28	419 mm x 392 mm x 430 mm	70.63 dm ³	20247.00 g
4058075001060	FLOODLIGHT LED 20 W 3000 K BK	Shipping carton box 28	419 mm x 392 mm x 430 mm	70.63 dm ³	20247.00 g
4058075810976	FLOODLIGHT LED 20 W 4000 K BK	Shipping carton box 10	384 mm x 298 mm x 220 mm	25.18 dm ³	8.72 g
4058075001145	FLOODLIGHT LED 50 W 3000 K WT	Shipping carton box 24	491 mm x 421 mm x 459 mm	94.88 dm ³	25456.00 g
4058075001107	FLOODLIGHT LED 50 W 3000 K BK	Shipping carton box 24	491 mm x 421 mm x 459 mm	94.88 dm ³	34346.00 g
4058075810990	FLOODLIGHT LED 50 W 4000 K BK	Shipping carton box 10	482 mm x 348 mm x 232 mm	38.91 dm ³	14.21 g
4058075001138	FLOODLIGHT LED 100 W 4000 K BK	Shipping carton box 1	328 mm x 295 mm x 162 mm	15.68 dm ³	4077.00 g
4058075811010	FLOODLIGHT LED 100 W 6500 K BK	Shipping carton box 1	328 mm x 295 mm x 162 mm	15.68 dm ³	4192.00 g
4058075001176	FLOODLIGHT LED 150 W 4000 K BK	Shipping carton box 1	378 mm x 323 mm x 172 mm	21.00 dm ³	5739.00 g
4058075811027	FLOODLIGHT LED 150 W 6500 K BK	Shipping carton box 1	378 mm x 323 mm x 172 mm	21.00 dm ³	5866.00 g
4058075001190	FLOODLIGHT LED 200 W 4000 K BK	Shipping carton box 1	455 mm x 390 mm x 167 mm	29.63 dm ³	7810.00 g
4058075811034	FLOODLIGHT LED 200 W 6500 K BK	Shipping carton box 1	455 mm x 390 mm x 167 mm	29.63 dm ³	7532.00 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.

DISCLAIMER

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