LEDVANCE OSRAM
OSRAM

DATA SHEET

LEDVANCE® Floodlight LED

The LEDVANCE® Floodlight LED range of compact floodlights are an economical replacement for traditional double-ended halogen-lamp floodlights. The combination of high-efficiency LEDs and a high-reflectivity optic ensures excellent light output for general-purpose applications. The floodlights' long life time enables substantial energy and maintenance savings. A universal mounting bracket allows wall or surface mounting that tilts upwards or downwards. The LEDVANCE® Floodlight LED range are available in black and white housing, and can be equipped with a combined presence/daylight sensor.

Product Features & Benefits

- Available in 10W, 20W, 30W, 50W
- SMD LED design to maximize product liability
- CRI >80
- High system efficiency up to 90lm/W
- Standard CCT: 6500K & 3000K
- IP safe high efficiency LEDs ensure system liability and legal risks free
- Aluminum heat sink
- Premium grade polycarbonate front frame to reduce overall product weight
- Elegant slim design reduces windage
- Tempered frosted front glass to increase uniformity
- PIR sensor version available
- IP65
- IK08
- Available in black and white housing
- Long 30,000hr lifetime reduces maintenance costs

- Pre-wired with mains cable
- Safety compliance certificates: CQC & CB

Application Areas:

- Architecture and landscape lighting
- Industrial warehouses lighting
- Billboard and advertising lighting
- Security, amenity and parking area lighting

General Specifications

LEDVANCE® Floodlight LED		10W	20W	30W	50W
Electrical Data	Wattage	10W	20W	30W	50W
	Voltage range	220 - 240VAC			
	Power factor	0.90			
	Input current(max)	65mA	130mA	190mA	310mA
	Line frequency	50/60Hz			
	Protection class	Class I			
Optical / Photometric	Rated lumens	800	1800	2700	4500
	Beam angle	100°			
	CCT (k)	3000 & 6500			
	CRI	>70	>80	>80	>80
	System lumen efficacy	80 lm/W	90 lm/W	90lm/W	90lm/W
	LED	SMD			
	Rated lifetime	30,000 hrs @ L70 25℃			
	Operating temperature	-30 - +50℃			
	Storage temperature	-40 - +70℃			
Housing	Heatsink	Aluminum			
	Front frame	UV stabilized polycarbonate			
	Front glass	Tempered glass			
	Housing colors	White (RAL9003) or Black (RAL9017)			
	Ingress protection	IP65			
	Shock protection	IK07			
	Driver	Integrated			

Ordering Codes:

IC	Description	Housing	EAN10	EAN40
AB446470055	FLOODLIGHT LED 10W/6500K 28X1 LEDV		4058075003507	4058075003514
AB446480055	FLOODLIGHT LED 20W/6500K 28X1 LEDV		4058075003521	4058075003538
AB446490055	FLOODLIGHT LED 30W/6500K 28X1 LEDV	Black	4058075003545	4058075003552
AB446500055	FLOODLIGHT LED 50W/6500K 24X1 LEDV		4058075003569	4058075003576
AB446510055	FLOODLIGHT LED 50W/3000K 24X1 LEDV		4058075003583	4058075003590
AB448510055	FLOODLIGHT LED 20W/3000K KR 28X1 LEDV		4058075003729	4058075003736
AB448520055	FLOODLIGHT LED 20W/6500K KR 28X1 LEDV		4058075003743	4058075003750
AB448530055	FLOODLIGHT LED 30W/3000K KR 28X1 LEDV	White	4058075003767	4058075003774
AB448540055	FLOODLIGHT LED 30W/6500K KR 28X1 LEDV		4058075003781	4058075003798
AB448550055	FLOODLIGHT LED 50W/3000K KR 24X1 LEDV		4058075003804	4058075003811
AB448560055	FLOODLIGHT LED 50W/6500K KR 24X1 LEDV		4058075003828	4058075003835
AB446520055	FLOODLIGHT LED 30W/6500K SR 28X1 LEDV	Black	4058075003842	4058075003859
AB446530055	FLOODLIGHT LED 50W/6500K SR 24X1 LEDV	with PIR	4058075003866	4058075003873
AB446540055	FLOODLIGHT LED 50W/3000K SR 24X1 LEDV	sensor	4058075003880	4058075003897

Polar intensity diagram:

Floodlight LED 10W

Floodlight LED 20W, 30W, 50W

LEDVANCE OSRAM
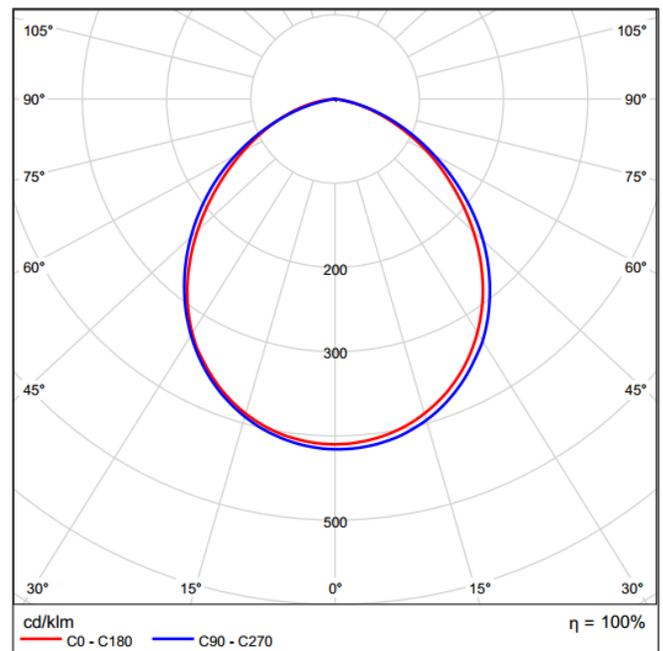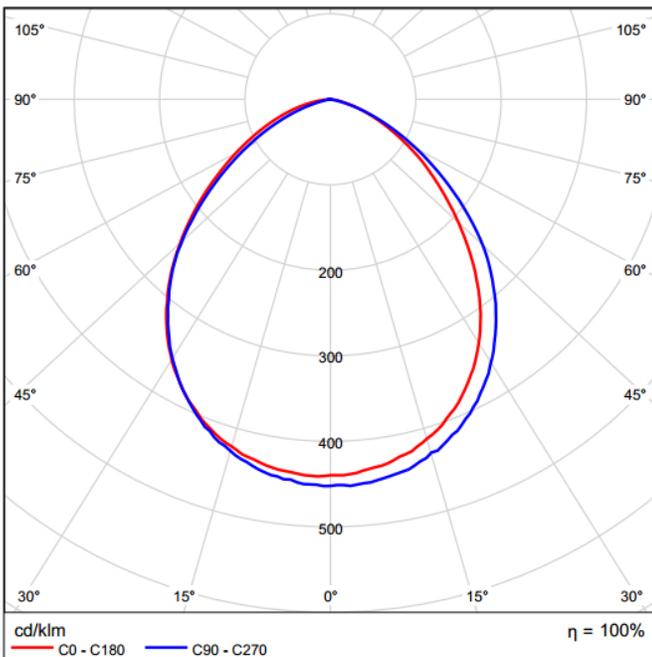
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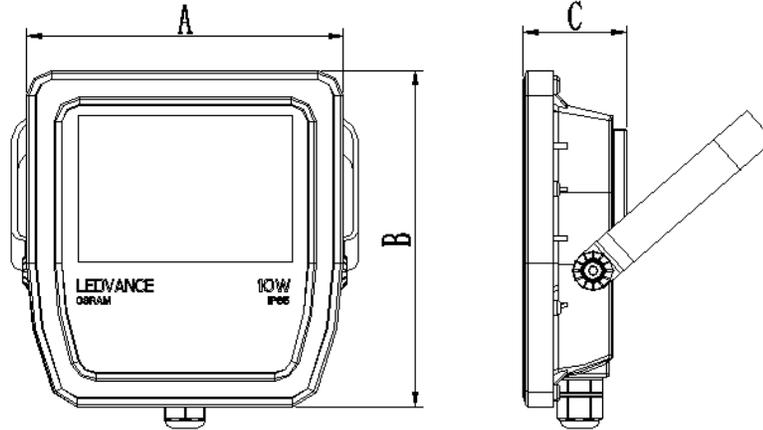
Type	Width (A, mm)	Length (B, mm)	Height (C, mm)	Weight (g)
10W	117	127	39	400
20W	167	155	44	670
30W	167	155	44	670
50W	188	216	62	1220

30W Floodlight with PIR sensor
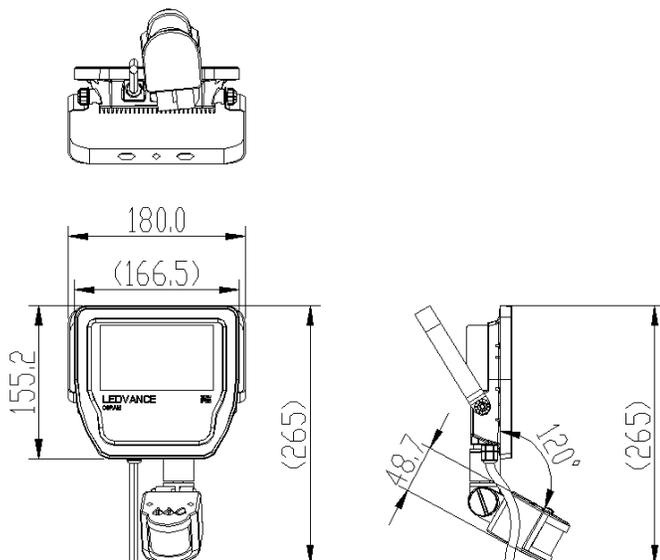
50W Floodlight with PIR sensor
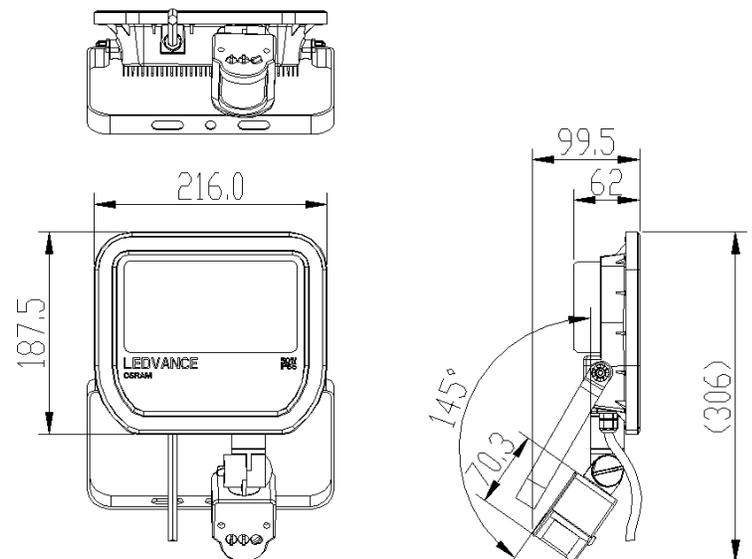
Flood light in white housing