LEDVANCE OSRAM
OSRAM

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 water and dust proof
- IK07 vandal-protected
- 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)	48mA	96mA	145mA	240mA
	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 B50 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			

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Ordering Codes:

Description	Model No. on Product Label	Housing	EAN10	EAN40
FLOODLIGHT LED 10W/6500K 10X1 LEDV	LDV-FL-10W-AM	Black	4058075003507	4058075803138
FLOODLIGHT LED 20W/6500K 10X1 LEDV	LDV-FL-20W-AM		4058075003521	4058075803145
FLOODLIGHT LED 30W/6500K 10X1 LEDV	LDV-FL-30W-AM		4058075003545	4058075803121
FLOODLIGHT LED 50W/6500K 10X1 LEDV	LDV-FL-50W-AM		4058075003569	4058075803152
FLOODLIGHT LED 50W/3000K 10X1 LEDV			4058075003583	4058075803169
FLOODLIGHT LED 30W/6500K SR 10X1 LEDV	LDV-FL-30W-AM	Black with PIR sensor	4058075003842	4058075803176
FLOODLIGHT LED 50W/6500K SR 10X1 LEDV	LDV-FL-50W-AM		4058075003866	4058075803183
FLOODLIGHT LED 50W/3000K SR 10X1 LEDV			4058075003880	4058075803190
FLOODLIGHT LED 20W/3000K KR 10X1 LEDV	LDV-FL-20W-AMW	White With Stand	4058075003729	4058075803206
FLOODLIGHT LED 20W/6500K KR 10X1 LEDV			4058075003743	4058075803213
FLOODLIGHT LED 30W/3000K KR 10X1 LEDV	LDV-FL-30W-AMW		4058075003767	4058075803220
FLOODLIGHT LED 30W/6500K KR 10X1 LEDV			4058075003781	4058075803237
FLOODLIGHT LED 50W/3000K KR 10X1 LEDV	LDV-FL-50W-AMW		4058075003804	4058075803244
FLOODLIGHT LED 50W/6500K KR 10X1 LEDV			4058075003828	4058075803251
FLOODLIGHT LED 20W/3000K WT 10X1 LEDV	LDV-FL-20W-AMW	White Without Stand	4058075803008	4058075803060
FLOODLIGHT LED 20W/6500K WT 10X1 LEDV			4058075803015	4058075803077
FLOODLIGHT LED 30W/3000K WT 10X1 LEDV	LDV-FL-30W-AMW		4058075803022	4058075803084
FLOODLIGHT LED 30W/6500K WT 10X1 LEDV			4058075803039	4058075803091
FLOODLIGHT LED 50W/3000K WT 10X1 LEDV	LDV-FL-50W-AMW		4058075803046	4058075803107
FLOODLIGHT LED 50W/6500K WT 10X1 LEDV			4058075803053	4058075803114

Polar intensity diagram:

Floodlight LED 10W

cd/klm — C0 - C180 — C90 - C270 — η = 100%

Floodlight LED 20W, 30W, 50W

cd/klm — C0 - C180 — C90 - C270 — η = 100%
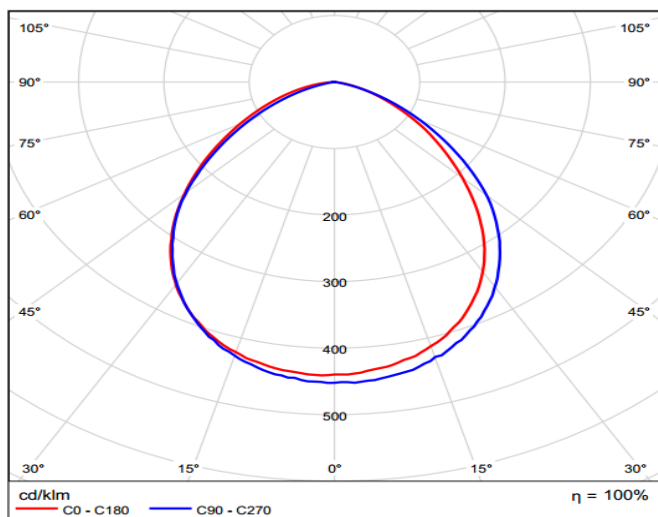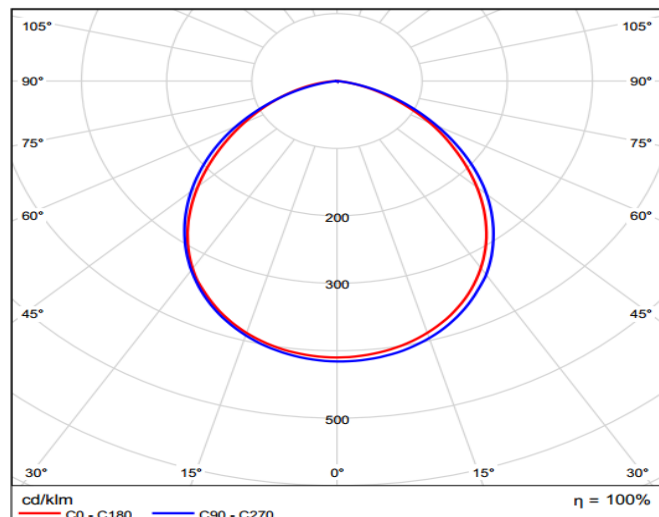
Drawing/Dimensions:
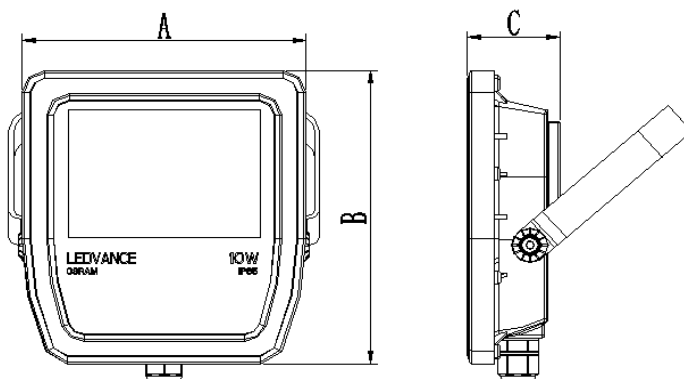
Type	Width (A, mm)	Length (B, mm)	Height (C, mm)	Weight (g)
10W	117	127	39	400
20W	167	155	44	670
30W	167	155	48	670
50W	216	187	62	1220

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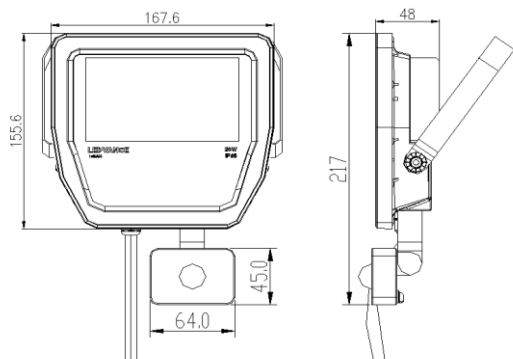
50W Floodlight with PIR sensor
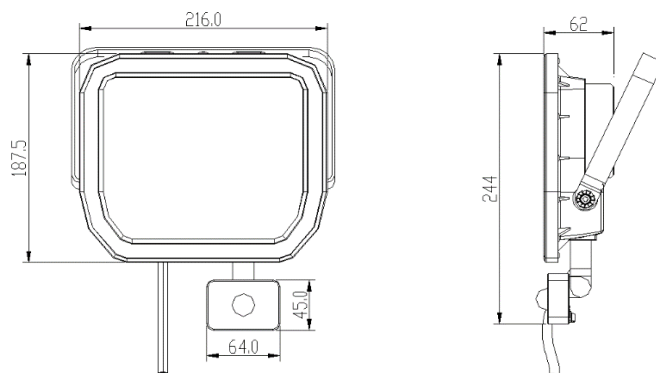
Flood light in white housing