LEDVANCE

OSRAM

DATA SHEET

LEDVANCE® Floodlight LED PRO

The LEDVANCE® Floodlight LED PRO has improved the traditional floodlight luminaire into a more stylish, rugged, flexible and high performance light source. The series comes in three different sizes and wattages in one piece high grade die-cast aluminum housing and heat sink. With its high efficiency LED and long lifetime, it is intended to replace traditional high pressure sodium and metal halide floodlights, and maximizes energy savings and reduce maintenance costs. The robust IP65 and IK08 design enables it to be used for various outdoor applications.

Product Features & Benefits

- Available in 3 lumen packages
- 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
- One piece compact high grade die-cast aluminum housing and heat sink
- Elegant slim design reduces windage
- Tempered frosted front glass to increase uniformity
- IP65
- IK08
- Long 30,000hr lifetime reduces maintenance costs
- Pre-wired with mains cable
- Safety compliance certificates: CQC & CB

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Application Areas:

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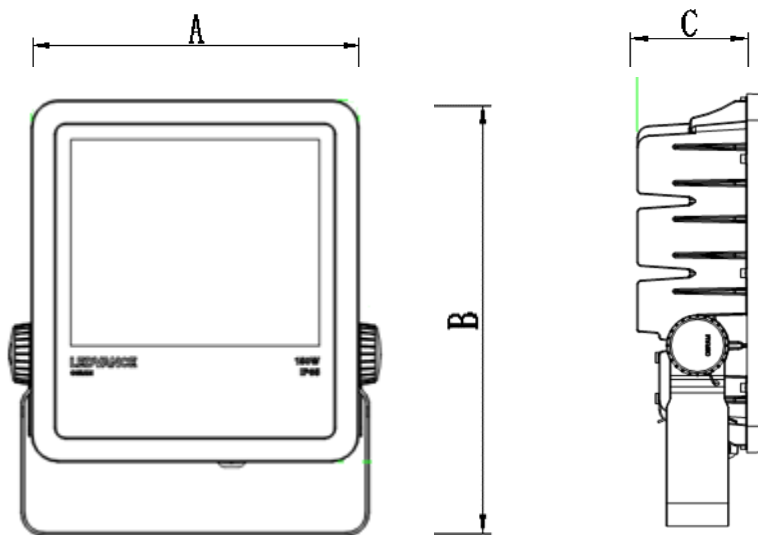- Security, amenity and parking area lighting
- Spots lighting

General Specifications

LEDVANCE® Floodlight LED PRO		FL LED PRO 70	FL LED PRO 100	FL LED PRO 150
Electrical Data	**Wattage**	**70W**	**100W**	**150W**
	Voltage range	**220 - 240VAC**		
	Power factor	**0.90**		
	Input Current (max) mA	**450**	**620**	**950**
	Line frequency	**50/60Hz**		
	Protection class	**Class I**		
Optical / Photometric	**Rated lumens**	**6300**	**9000**	**13500**
	Beam angle	**100**		
	CCT (K)	**3000 & 6500**		
	CRI	**>80**		
	Lumen efficacy	**90 lm/W**		
	LED	**SMD**		
	Rated lifetime	**30,000 hrs @ L70 25℃**		
	Operating temperature	**-30 - +50℃**		
	Storage temperature	**-40 - +70℃**		
Housing	**Material**	**Die-cast aluminum**		
	Front glass	**Tempered glass**		
	Heat sink	**Aluminum integrated**		
	Housing color	**Black (RAL9017)**		
	Ingress protection	**IP 65**		
	Shock protection	**IK 08**		
	Driver	**Integrated**		

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Ordering Codes:

IC	Short text	Shipping Quantity	EAN40
TBA	FLOODLIGHT LED PRO 70W/6500K VS1 LEDV	1	TBA
TBA	FLOODLIGHT LED PRO 70W/3000K VS1 LEDV	1	TBA
AB448470055	FLOODLIGHT LED PRO 100W/6500K VS1 LEDV	1	4058075003651
AB448480055	FLOODLIGHT LED PRO 100W/3000K VS1 LEDV	1	4058075003675
AB448490055	FLOODLIGHT LED PRO 150W/6500K VS1 LEDV	1	4058075003699
AB448500055	FLOODLIGHT LED PRO 150W/3000K VS1 LEDV	1	4058075003712

Drawing/Dimensions:

Description	Wattage	A (mm)	B (mm)	C (mm)	Weight (g)
Floodlight LED PRO 70W	70W	202	194	76	2500
Floodlight LED PRO 100W	100W	247	237	82	3355
Floodlight LED PRO 150W	150W	298	269	104	4465

Polar intensity diagram:

Floodlight LED PRO 70W/100W/150W