

LED Floodlight G2 (ECO)



DATA SHEET



Product information

LED Floodlight is a universal, compact range of floodlights with lumen output levels from 800 to 9000 lumen and up to 90 LPW efficiency. The range is suitable for various applications wall mounted around building facades, ideal for the classic floodlighting of buildings as well as lighting gardens, paths near to buildings, garages, entrance ways and drives. Compared to traditional floodlights Tungshram LED Floodlight supplies immediate light without start-up or cooling down times. Thanks to a robust aluminum housing with safety glass cover, the floodlights are ideal for outdoor use.

Features

- Ultra slim
- Light-weight, up to 2.23kg (100W)
- Operating temperature -20°C to +40°C
- UV-free & IR-free
- Rated lumen up to 9000 lm
- L70B50 25.000 hours lifetime at 25°C
- Nominal voltage: 220-240V
- Fixed mounting, 1 meter pre-cable connected to the fixture
- Built-in static driver
- Operating frequency: 50/60Hz
- Colour temperatures: 3000, 4000 and 5000K
- Colour rendering index: CRI 80+
- Beam angle 115°



Benefits

- Replace halogen lamps with floodlight luminaires (up to 750W)
- Energy savings up to 80% (compared to luminaires that uses halogen)
- Homogenous light
- High resistant against ambient air with humidity and IP65 Ingress protection rating.

Application areas



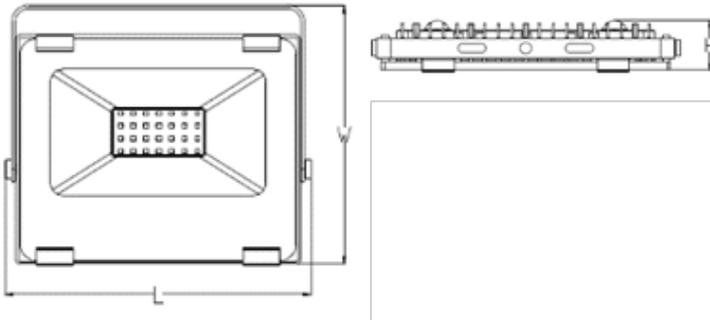
Structures and materials

- housing made of die-cast aluminium with tempered glass
- housing colour: grey

Specification summary

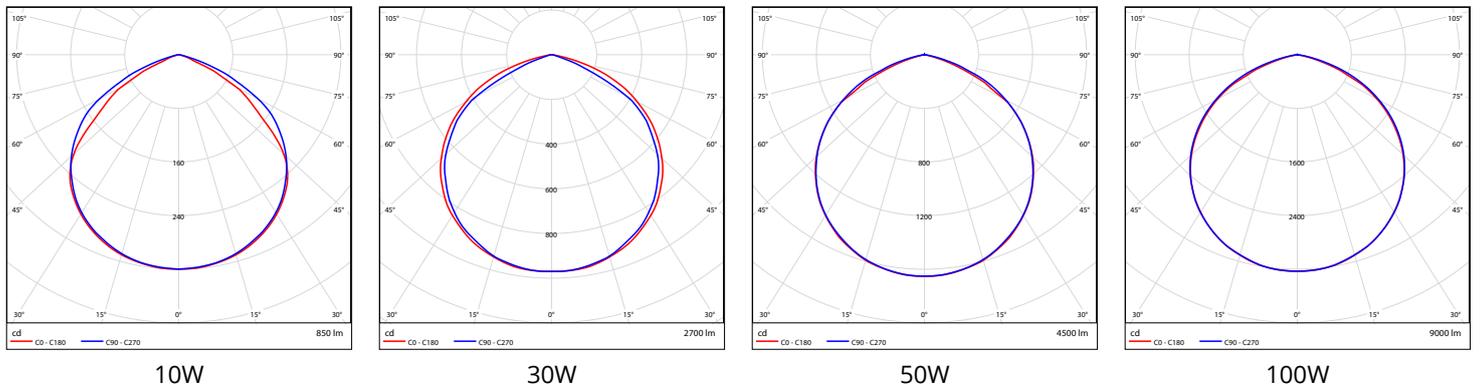
Product Code	Product Code (DS)	Description	Wattage (W)	Lumen (Lm)	Efficacy (lm/W)	CCT (K)	Beam pattern (°)	CRI	System IP rating	IK rating	Weight (kg)
93115847	93115855	LED Flood G2 TU S 10W 840 SY ST GN	10	850	85	4000K	115	>80	IP65	05	0.284
93115848	93115856	LED Flood G2 TU S 30W 840 SY ST GN	30	2700	90	4000K	115	>80	IP65	05	1.085
93115849	93115857	LED Flood G2 TU S 50W 840 SY ST GN	50	4500	90	4000K	115	>80	IP65	05	1.529
93115850	93115858	LED Flood G2 TU S 100W 840 SY ST GN	100	9000	90	4000K	115	>80	IP65	05	2.223
93115851	TBD	LED Flood G2 TU S 10W 830 SY ST GN	10	800	80	3000K	115	>80	IP65	05	0.284
93115852	TBD	LED Flood G2 TU S 30W 830 SY ST GN	30	2550	85	3000K	115	>80	IP65	05	1.085
93115853	TBD	LED Flood G2 TU S 50W 830 SY ST GN	50	4250	85	3000K	115	>80	IP65	05	1.529
93115854	TBD	LED Flood G2 TU S 100W 830 SY ST GN	100	8500	85	3000K	115	>80	IP65	05	2.223
TBD	93115859	LED Flood G2 TU S 10W 850 SY ST GN	10	850	85	5000K	115	>80	IP65	05	0.284
TBD	93115860	LED Flood G2 TU S 30W 850 SY ST GN	30	2700	90	5000K	115	>80	IP65	05	1.085
TBD	93115861	LED Flood G2 TU S 50W 850 SY ST GN	50	4500	90	5000K	115	>80	IP65	05	1.529
TBD	93115862	LED Flood G2 TU S 100W 850 SY ST GN	100	9000	90	5000K	115	>80	IP65	05	2.223

Dimensions (mm)



Wattage	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
10W	106	108	27	0.284
30W	250	173	42	1.085
50W	290	213	46	1.529
100W	345	250	48	2.223

Photometric data



Photometry is based on LM79

Regulatory and standards

Regulatory mark: CE

Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU/1194/2012 amended by EU 2015/1428, (framework 2010/30/EC) 874/2012 and 518/2014*, 2012/19/EU*

Harmonised standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, refer to CE Declaration of Conformity and Technical File for details

Photobiological risk assessment group 0. The product is considered safe, does not pose any photobiological hazard.

*not on DOC

Order logic

Internal Code	Gen.	Brand	Control	System	CRI	CCT	Reflector	Voltage	Housing color	Special	Shipment
LED Flood	G2 - Generation 2	TU - Tungsrarn	S - Static	10W 30W 50W 100W	8 - 80	30 - 3000K 40 - 4000K 50 - 5000K	SY - Symmetrical	ST - 220- 240V	G- Grey	N- Standard version	DS - Direct shipment

Example: LED Flood G2 TU S 30W 840 SY ST GN

30W 80 CRI 4000K Floodlight with static driver and symmetrical optic in grey housing