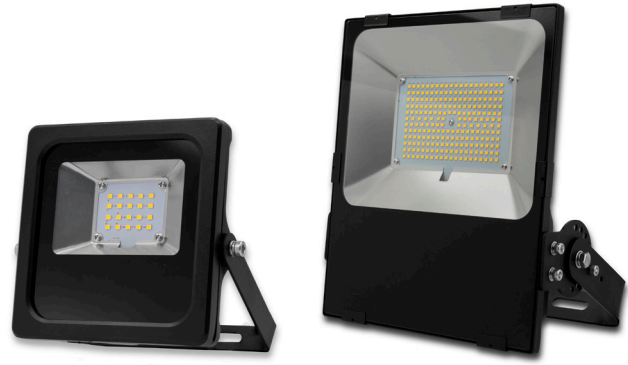


LED Floodlight



DATA SHEET



Product information

GE LED Floodlight is a universal, compact range of floodlights with six lumen output levels from 2.000 to 20.000lm and up to 130 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 GE Floodlight supplies immediate light without start-up or cooling down times. Thanks to a robust aluminium housing with safety glass cover, the floodlights are ideal for outdoor use.

Features

- High performance with outstanding efficiency with 6 lumen packages – up to 130 lm/W
- L70/B50 @25°C 30 000 hours lifetime (20-50W) or 50 000 hours lifetime (75-150W)
- 2 colour temperatures: 4000 and 6500K with SDCM<=6
- Wide beam angle: 100° (20-50W) or 120° (75-150W)
- Robust aluminium die-cast luminaire with high protection rating IP65 (20-50W) or IP66 (75-150W) and high impact resistance of IK07 (20-50W) or IK08 (75-150W)
- Suitable for operation in ambient temperature of -20°C to +40°C (20-50W) or -30°C to +50°C (75-150W)
- Static built-in driver
- PF >0,9
- THD < 20%
- Nominal Voltage: 220-240V
- Operating frequency: 50-60Hz
- Insulation Class I
- Breather valve to maintain good ingress protection in case of over pressurization for 75-150W products

Benefits

- Replacement for floodlight luminaires with halogen lamps (up to 1500W)
- Energy savings up to 90% (compared to luminaires that use halogen)
- Homogenous light
- High resistance against ambient air with humidity and high particle loads

Application areas



Industrial



Car park,
Garages



Public areas



Building
facades



Construction areas

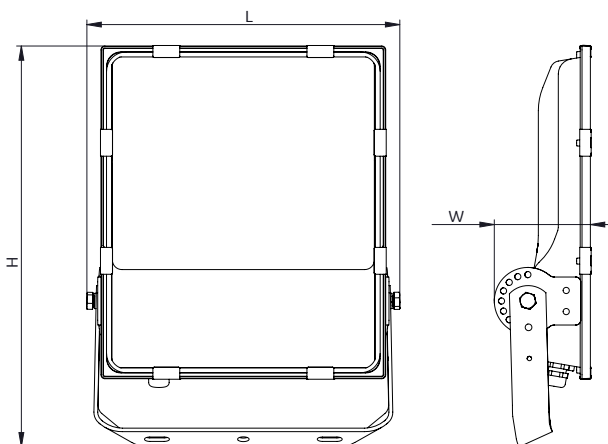
Structures and materials

- Body: housing made of die cast aluminium with tempered glass cover
- Colour: black
- Fixtures are pre-wired with 0.3 meter (20-50W) or 1 meter (75-150W) H05RN-F rubber cable
- Easy mounting with bracket included in the package (angle max 160°)

Specification summary

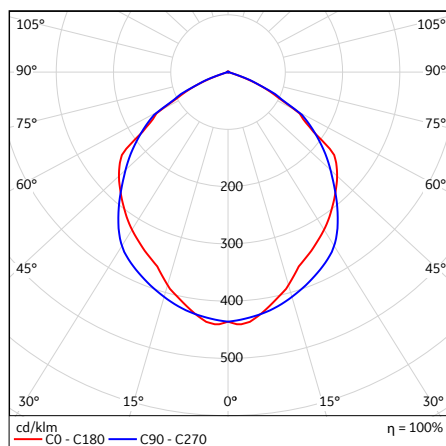
Product Code	Product Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	CRI	IK rating	IP rating	Current (mA)	Replacement for Halogen	Weight (kg)	DS Product code
93081605	FL-YP1-2040-7S-BN	20	2 000	100	4 000	>80	IK07	IP65	92	160W	0,62	93082107
93082101	FL-YP1-2065-7S-BN	20	2 000	100	6 500	>80	IK07	IP65	92		0,62	93082113
93082096	FL-YP1-3040-7S-BN	30	3 000	100	4 000	>80	IK07	IP65	135	250W	0,97	93082108
93082102	FL-YP1-3065-7S-BN	30	3 000	100	6 500	>80	IK07	IP65	135		0,97	93082114
93082097	FL-YP1-5040-7S-BN	50	6 000	120	4 000	>80	IK07	IP65	230	400W	1,14	93082109
93082103	FL-YP1-5065-7S-BN	50	6 000	120	6 500	>80	IK07	IP65	230		1,14	93082115
93082098	FL-YP1-7540-7S-BN	75	10 000	133	4 000	>80	IK08	IP66	340	750W	3,29	93082110
93082104	FL-YP1-7565-7S-BN	75	10 000	133	6 500	>80	IK08	IP66	340		3,29	93082116
93082099	FL-YP1-11540-7S-BN	115	15 000	130	4 000	>80	IK08	IP66	520	1000W	4,20	93082111
93082105	FL-YP1-11565-7S-BN	115	15 000	130	6 500	>80	IK08	IP66	520		4,20	93082117
93082100	FL-YP1-15040-7S-BN	150	20 000	133	4 000	>80	IK08	IP66	700	1500W	5,33	93082112
93082106	FL-YP1-15065-7S-BN	150	20 000	133	6 500	>80	IK08	IP66	700		5,33	93082118

Dimensions (mm)

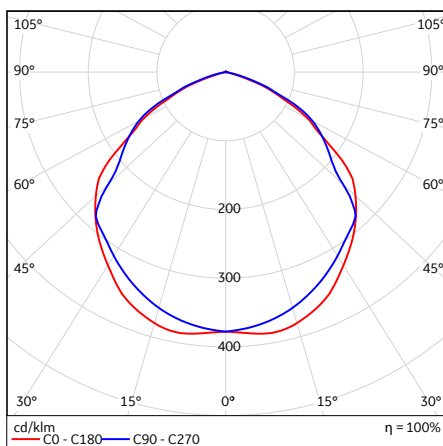


Type	L (mm)	W (mm)	H (mm)
FL-YP1-20...	163±1	35,5±1	163±1
FL-YP1-30...	203±1	36,0±1	202±1
FL-YP1-50...	223±1	35,5±1	216±1
FL-YP1-75...	286±1	90,5±1	368±1
FL-YP1-115...	337±1	90,5±1	419±1
FL-YP1-150...	373±1	90,5±1	450±1

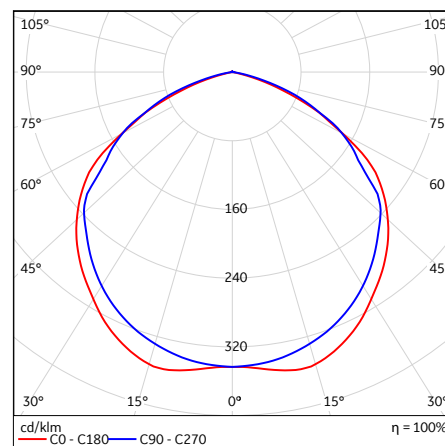
Photometric data



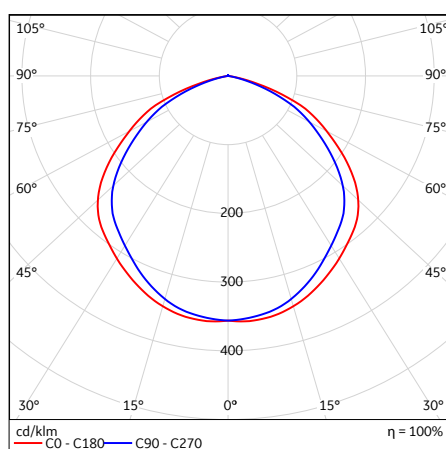
20W - 4000K



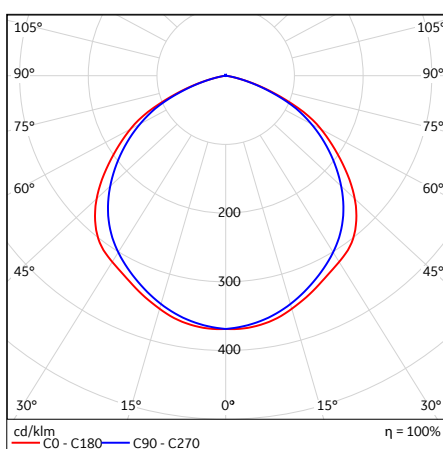
30W - 4000K



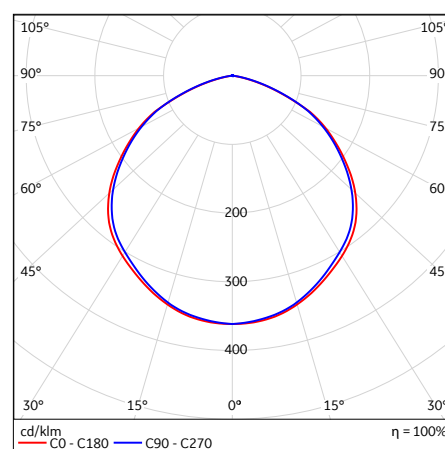
50W - 4000K



75W - 4000K



115W - 4000K



150W - 4000K

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

*not on DOC

Order logic

Internal Code	Type	Generation	System Wattage	CCT	Voltage	Controller	Housing colour	Special
FL = FLOOD	YP = Premium	1 = Gen1	20 30 50 75 115 150	40 = 4000K 65 = 6500K	7 = 220-240V	S = Static	B = Black	N = Standard version

Example: FL-YP1-5040-7S-BN

Gen1 50W 4000K Floodlight, Static, 220-240V built-in driver, standard version with black housing

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