

General characteristics

Family name	Plati
Luminaire type	LED Floodlight
Integrated driver	Yes
LED chips manufacturer	Epistar
Installation options	Surface
Intelligent control	PIR sensor
Certificates	CE, RoHS
Warranty	2 years
Materials	Aluminum, glass

Rated parameters

Rated power	20W - 50W
Rated luminous flux	from 1400lm to 4000lm
Rated lifetime	25 000h
Rated luminous intensity	498cd
Rated beam angle	120°

Light technical characteristic

Luminaire luminous flux	from 1400lm to 4000lm
Luminous efficacy	75 - 80lm/W
Color temperature	3000, 6000K
CRI	>70
Beam angle	120°
Color consistency	<6SDCM



Electrical characteristics

Wattage	20W - 50W
Voltage	230V
Voltage frequency	50-60Hz
Power factor	>0,9
Energy efficiency label	A+



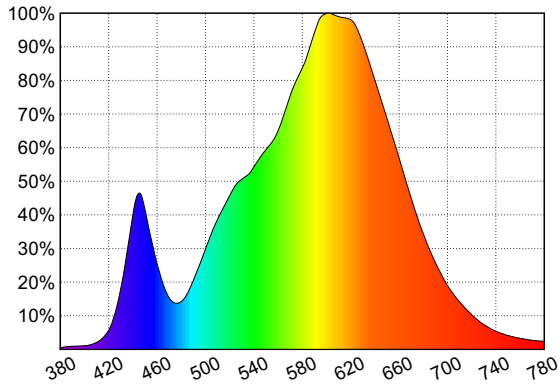
Operating characteristics

Lifetime	25 000h
Switching cycle	> 15 000
LLMF	>0,7
IP	65
Warm up time	negligible
Starting time	<0,5s
Working temperature	from -10° to 40°C
Storage temperature	from -20° to 60°C

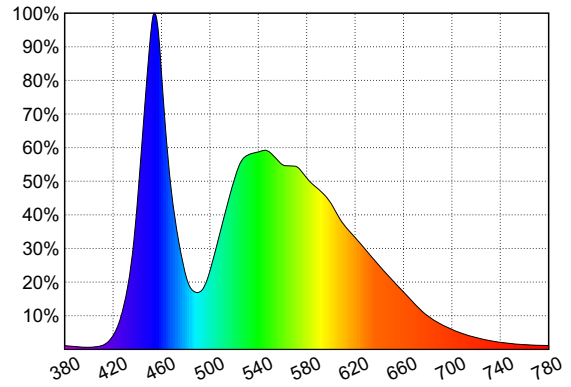


index	power	luminous flux	lighting angle	color temperature	CRI	IP	weight net	dimensions	packaging dimensions
LFL103S	20W	1500lm	120°	6000K	>70	65	0,709kg	L178xW153xH54mm	L183xW158xH60mm
LFL104S	20W	1400lm	120°	3000K	>70	65	0,709kg	L178xW153xH54mm	L183xW158xH60mm
LFL105S	30W	2500lm	120°	6000K	>70	65	0,964kg	L198xW178xH55mm	L203xW183xH60mm
LFL106S	30W	2400lm	120°	3000K	>70	65	0,964kg	L198xW178xH55mm	L203xW183xH60mm
LFL107S	50W	4000lm	120°	6000K	>70	65	1,035kg	L205xW160xH55mm	L210xW170xH60mm

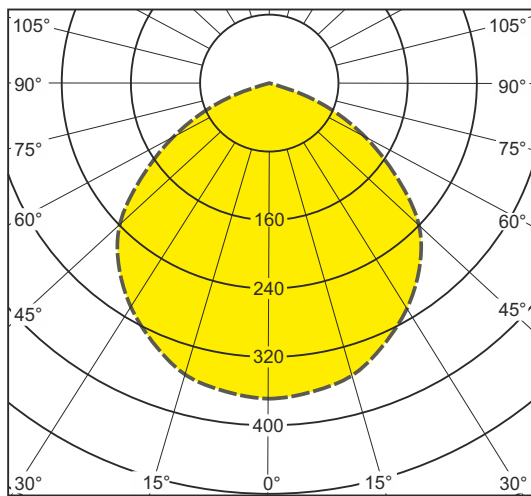
Spectrum for CCT: 3000K



Spectrum for CCT: 6000K



Photometric solid



(cd/1000lm)

----- C0 - C180