

General characteristics

Family name	Plati
Luminaire type	LED Floodlight
Integrated driver	Yes
LED chips manufacturer	Epistar
Installation options	On surface
Inteligent control	None
Certificates	CE, RoHS
Warranty	2 years
Materials	Aluminum

Light technical characteristic

Luminaire luminous flux	from 750lm to 12000lm
Luminous efficacy	75 - 80lm/W
Color temperature	3000, 6000K
CRI	>70
Beam angle	120°
Color consistency	<6SDCM

Electrical characteristics

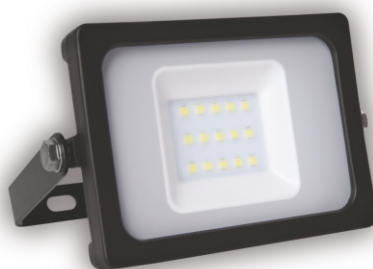
Wattage	10 - 150W
Voltage	230V
Voltage frequency	50-60Hz
Power factor	>0,9
Energy efficiency label	A+

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
Storgage temperature	from -20° to 60°C

Rated parameters

Rated power	10 - 150W
Rated luminous flux	from 750lm to 12000lm
Rated lifetime	25 000h
Rated luminous intensity	498cd
Rated beam angle	120°



index	power	luminous flux	lighting angle	color temperature	CRI	IP	weight net	dimensions	packaging dimensions
LFL101	10W	800lm	120°	6000K	>70	65	0,376kg	L135xW114xH29,5mm	L140xW130xH35mm
LFL102	10W	750lm	120°	3000K	>70	65	0,376kg	L135xW114xH29,5mm	L140xW130xH35mm
LFL103	20W	1500lm	120°	6000K	>70	65	0,709kg	L181xW148xH34,5mm	L185xW155xH40mm
LFL104	20W	1400lm	120°	3000K	>70	65	0,709kg	L181xW148xH34,5mm	L185xW155xH40mm
LFL105	30W	2500lm	120°	6000K	>70	65	0,964kg	L217xW174xH35,5mm	L230xW185xH40mm
LFL106	30W	2400lm	120°	3000K	>70	65	0,964kg	L217xW174xH35,5mm	L230xW185xH40mm
LFL107	50W	4500lm	120°	6000K	>70	65	1,233kg	L237xW194xH38,5mm	L245xW205xH45mm
LFL108	50W	4000lm	120°	3000K	>70	65	1,233kg	L237xW194xH38,5mm	L245xW205xH45mm
LFL109	100W	8000lm	120°	6000K	>70	65	1,990kg	L293xW232xH41,5mm	L310xW240xH50mm
LFL111	150W	12000lm	120°	6000K	>70	65	4,176kg	L411xW313xH50mm	L415xW325xH55mm

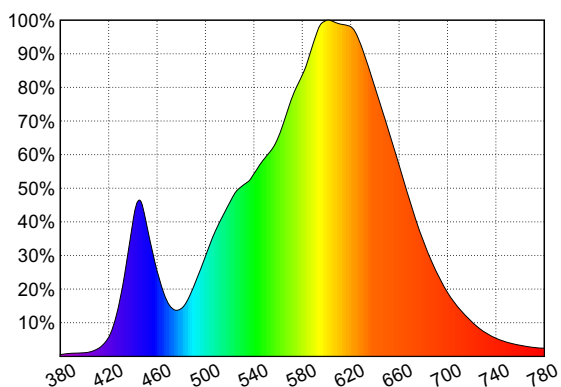
*w compared to luminaires with CFL lamps

No accent lighting.

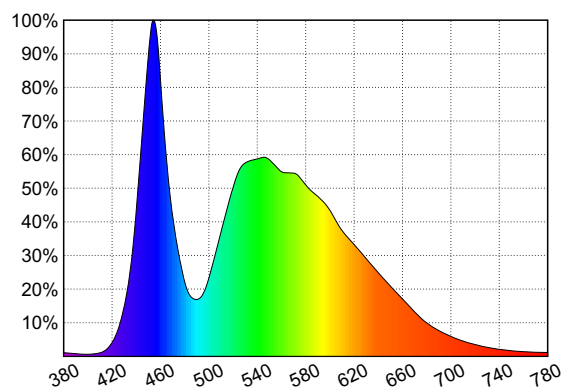


IEC 62471
IEC 62560

Spectrum for CCT: 3000K



Spectrum for CCT: 6000K



Photometric solid

