



LED Flood Light

Description

The world of sports, in both indoor and outdoor competitions, requests an elevated illumination for every single sport event. The Flood Light of Pandora Green complies with all the specifications perfectly, providing moreover a considerable energy saving compared to the old technology HID (Metal Halide). The Flood Light Series is also ideal for illuminating shop windows, outdoor parking areas, industrial installations.

Certifications





FLOOD LIGHT A SERIES



10W - 20W - 30W - 50W

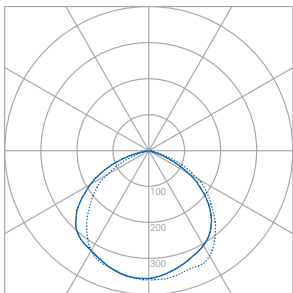
	PG-FLA10W	PG-FLA20W	PG-FLA30W	PG-FLA50W
Input	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz
Nominal Power	10W	20W	30W	50W
Total Power	9W ~ 11W	19W ~ 21W	28W ~ 32W	48W ~ 52W
Equivalent Power	20W	50W	70W	100W
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
Led Type / Q.ty	SMD 3030 / 14 pcs	SMD 3030 / 35 pcs	SMD 3030 / 56 pcs	SMD 3030 / 84 pcs
Led Driver	Integrated	Integrated	Integrated	Integrated
Driver Input	110 ~ 240 VAC / 0,047 A	110 ~ 240 VAC / 0,088 A	110 ~ 240 VAC / 0,14 A	100 ~ 305 VAC / 0,22 A
Driver Output	40 ~ 48 VDC / 0,200 A	40 ~ 48 VDC / 0,400 A	40 ~ 48 VDC / 0,60 A	40 ~ 48 VDC / 1,05 A
Insulation Class	Class I	Class I	Class I	Class I
Nominal Flux	1.500 lm	18.500 lm	24.500 lm	34.000 lm
Output Flux	1.200 lm	14.700 lm	20.900 lm	29.200 lm
Luminaire Efficacy	> 120 lm/W	> 120 lm/W	> 130 lm/W	> 130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80	> 80
Beam Angle	120°	120°	120°	120°
UGR	< 25	< 25	< 25	< 25
IP Protection	IP65	IP65	IP65	IP65
Operating Temperature	-40 °C ~ 40 °C	-40 °C ~ 40 °C	-40 °C ~ 40 °C	-40 °C ~ 40 °C
Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C
Dimming Options	1-10V - PWM - Resistance	1-10V - PWM - Resistance / DALI	1-10V - PWM - Resistance / DALI	1-10V - PWM - Resistance / DALI
Useful Life	> 60.000 Hours (L80)	> 60.000 Hours (L80)	> 60.000 Hours (L80)	> 60.000 Hours (L80)
Glass	Transparent	Transparent	Transparent	Transparent
Materials	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass

FLOOD LIGHT A SERIES

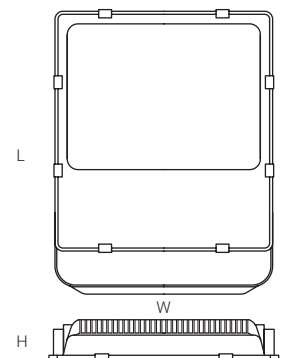
70W - 100W - 150W - 200W

	PG-FLA70W	PG-FLA100W	PG-FLA150W	PG-FLA200W
Input	100 ~ 305 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz
Nominal Power	70W	100W	150W	200W
Total Power	67W ~ 73W	97W ~ 103W	95W ~ 105W	195W ~ 205W
Equivalent Power	150W	250W	400W	400W
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
Led Type / Q.ty	SMD 3030 / 126 pcs	SMD 3030 / 182 pcs	SMD 3030 / 273 pcs	SMD 3030 / 364 pcs
Led Driver	Integrated	Meanwell - ELG Series	Meanwell - ELG Series	Meanwell - HLG Series
Driver Input	110 ~ 305 VAC / 0,31 A	110 ~ 305 VAC / 0,43 A	100 ~ 305 VAC / 0,65 A	100 ~ 305 VAC / 0,87 A
Driver Output	40 ~ 48 VDC / 1,55 A	40 ~ 48 VDC / 2,05 A	40 ~ 48 VDC / 3,11 A	40 ~ 48 VDC / 4,20 A
Insulation Class	Class I	Class I	Class I	Class I
Nominal Flux	15.000 lm	15.000 lm	24.500 lm	34.000 lm
Output Flux	12.800 lm	12.800 lm	20.900 lm	29.200 lm
Luminaire Efficacy	> 120 lm/W	> 120 lm/W	> 130 lm/W	> 130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80	> 80
Beam Angle	120°	120°	120°	120°
UGR	< 25	< 25	< 25	< 25
IP Protection	IP65	IP65	IP65	IP65
Operating Temperature	-40 °C ~ 40 °C	-40 °C ~ 40 °C	-40 °C ~ 40 °C	-40 °C ~ 40 °C
Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C
Dimming Options	1-10V - PWM - Resistance / DALI	1-10V - PWM - Resistance / DALI	1-10V - PWM - Resistance / DALI	1-10V - PWM - Resistance / DALI
Useful Life	> 60.000 Hours (L80)	> 60.000 Hours (L80)	> 60.000 Hours (L80)	> 60.000 Hours (L80)
Glass	Transparent	Transparent	Transparent	Transparent
Materials	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass

Dimensions and Beam Angle



Model	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
PG-FLA10W	173	131	30	1,4
PG-FLA20W	182	138	30	1,5
PG-FLA30W	252	180	45	2,0
PG-FLA50W	350	256	62	2,6
PG-FLA70W	350	256	62	2,6
PG-FLA100W	350	256	62	2,7
PG-FLA150W	440	337	62	4,2
PG-FLA200W	495	375	62	4,8



FLOOD LIGHT HS SERIES



60W - 80W - 100W - 120W

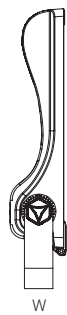
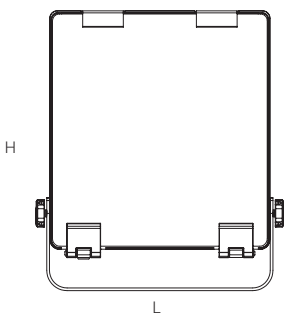
	PG-FLHS60W	PG-FLHS80W	PG-FLHS100W	PG-FLHS120W
Input	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz
Nominal Power	60W	80W	100W	120W
Total Power	58W ~ 62W	78W ~ 82W	97W ~ 103W	117W ~ 123W
Equivalent Power	150W	150W	250W	250W
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
Led Type	SMD 3030	SMD 3030	SMD 3030	SMD 3030
Led Driver	Meanwell	Meanwell	Meanwell	Meanwell
Insulation Class	Class I	Class I	Class I	Class I
Output Flux	8.100 lm	10.800 lm	13.500 lm	16.200 lm
Luminaire Efficacy	> 130 lm/W	> 130 lm/W	> 130 lm/W	> 130 lm/W
CCT	4000K - 5000K	4000K - 5000K	4000K - 5000K	4000K - 5000K
CRI (Ra)	70 / 80	70 / 80	70 / 80	70 / 80
Symmetric Optics	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602
Asymmetric Optics	FL1603 / FL1604 / FL1605	FL1603 / FL1604 / FL1605	FL1603 / FL1604 / FL1605	FL1603 / FL1604 / FL1605
UGR	< 25	< 25	< 25	< 25
IP Protection	IP66	IP66	IP66	IP66
Surge Protection	6kV / 10kV	6kV / 10kV	6kV / 10kV	6kV / 10kV
Operating Temperature	-30 °C ~ 45 °C	-30 °C ~ 45 °C	-30 °C ~ 45 °C	-30 °C ~ 45 °C
Storage Temperature	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C
Dimming Options	Dali	Dali	Dali	Dali
Useful Life	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)
Glass	Transparent	Transparent	Transparent	Transparent
Accessories	Pole Adaptor	Pole Adaptor	Pole Adaptor	Pole Adaptor
Materials	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass

FLOOD LIGHT HS SERIES

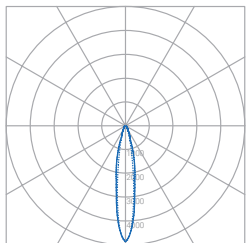
150W - 180W - 200W - 240W

	PG-FLHS150W	PG-FLHS180W	PG-FLHS200W	PG-FLHS240W
Input	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 240 VAC / 50-60 Hz	100 ~ 305 VAC / 50-60 Hz
Nominal Power	150W	180W	200W	240W
Total Power	146W ~ 154W	176W ~ 184W	196W ~ 205W	235W ~ 245W
Equivalent Power	400W	400W	250W	Up to 1000W
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
Led Type	SMD 3030	SMD 3030	SMD 3030	SMD 3030
Led Driver	Meanwell	Meanwell	Meanwell	Meanwell
Insulation Class	Class I	Class I	Class I	Class I
Output Flux	20.300 lm	24.300 lm	27.000 lm	32.400 lm
Luminaire Efficacy	> 130 lm/W	> 130 lm/W	> 130 lm/W	> 130 lm/W
CCT	4000K - 5000K	4000K - 5000K	4000K - 5000K	4000K - 5000K
CRI (Ra)	70 / 80	70 / 80	70 / 80	70 / 80
Symmetric Optics	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602	FL0801 / FL1601 / FL1602
Asymmetric Optics	FL1603 / FL1604	FL1603 / FL1604	FL1603 / FL1604	FL1603 / FL1604 / FL1605
UGR	< 25	< 25	< 25	< 25
IP Protection	IP66	IP66	IP66	IP66
Surge Protection	6kV / 10kV	6kV / 10kV	6kV / 10kV	6kV / 10kV
Operating Temperature	-30 °C ~ 45 °C	-30 °C ~ 45 °C	-30 °C ~ 45 °C	-30 °C ~ 45 °C
Storage Temperature	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C
Dimming Options	Dali	Dali	Dali	Dali
Useful Life	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)
Glass	Transparent	Transparent	Transparent	Transparent
Accessories	Pole Adaptor	Pole Adaptor	Pole Adaptor	Pole Adaptor
Materials	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass

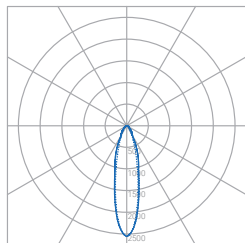
Dimensions and Beam Angle



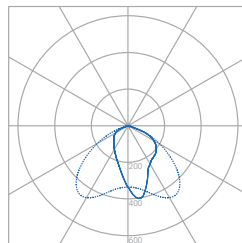
Model	Lenght (mm)	Width (mm)	Heigh (mm)	Weight (Kg)
PG-FLHS60W	359	308	82	4,5
PG-FLHS80W	359	308	82	4,6
PG-FLHS100W	413	366	83	6,3
PG-FLHS120W	413	366	83	6,5
PG-FLHS150W	413	366	83	6,8
PG-FLHS180W	462	452	87	8,4
PG-FLHS200W	462	452	87	8,6
PG-FLHS240W	462	452	87	8,9



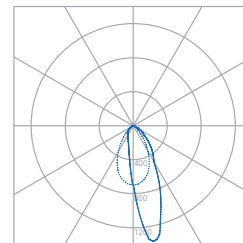
FL1603



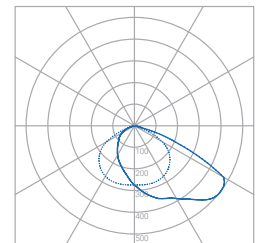
FL1604



FL0801



FL1601



FL1602