PHILIPS

Essential
SmartBright

LED Spotlight Outdoor

Easier to light, Vivid and Elegant

Essenstial SmartBright LED Spotlight is ideal spotlight for outdoor landscape, park, house, parterre, tree, boscage, heritage building lighting. It not only provides amazing and vivid light with compact and robust diecasting aluminum housing and spiker but also easy to light with one-step quick spike installation. Tempered glass build-in drive potting enhance durability of fixture and accurate lens design ensures light effect.

Key specifications

- 3W/6W/8W watt packages for option
- 20°/45° light beam angle option*
- 3000K/4000K/ green light standard offer
- CRI>80
- Long lifespan 15Khrs (L70, @ta35°）
- Surge protection for more reliability
- Diecasting Aluminum housing and spiker, tempered glass, driver potting for more safety
- Professional lens design for vivid light effect
- <5SDCM color consistency

Features and benefits

- 360D rotatable lighting direction
- Surface mounting available
- Spiker available for quick ground installation
- Built-in driver with wide volts input range
- CCC/CB/CE/EMC certified

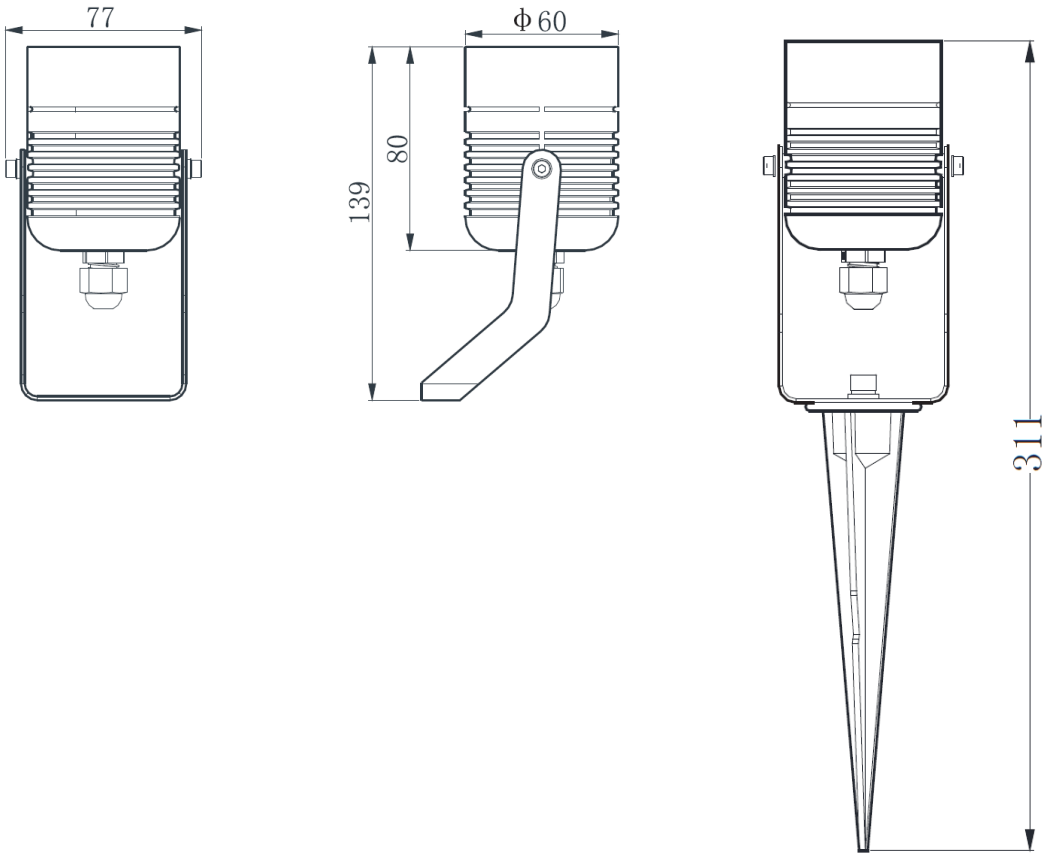
* Green light beam angle is 35° .

SpecificationTable

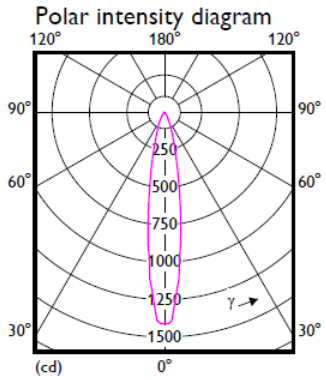
Spot light		BGP150 8W	BGP150 6W	BGP150 3W
System	CCT	3000K/4000K Green	3000K/4000K	3000K/4000K
	Initial lumen output (steady state) @3000K @3000K	520LM±10%	400LM±10%	250LM±10%
	Initial lumen output (steady state) @4000K @4000K	580LM±10%	480LM±10%	300LM±10%
	Initial lumen output (steady state) @Green	500LM+/-10%	/	/
	System efficacy (lm/W) @Mono	≥60 lm/W@3000K ≥70lm/W@4000K	≥65 lm/W@3000K ≥70lm/W@4000K	≥65 lm/W@3000K ≥90lm/W@4000K
	System efficacy (lm/W) @Green	≥60 lm/W	/	/
	Power consumption(W) ±10%	mono:8W±10%	mono:6W±10%	mono:3W±10%
	CRI	>80 (for white light)， green light 510-530 nm		
	Lifetime (ta 35°C) @L70B50	15K hours L70B50 @ ta 35°C		
	ambient temperature of operation	ta 35°C		
	working temperature range	-40°C to +50°C		
	working humidity	Up to 95%		
	Installation type	surface mounted or spiker in earth		
Optical	color consistency	≤5SDCM		
	Beam angel	20/45deg, green light 35°		
	Input Voltage (±10%)	100-240V~; 50/60Hz		
	Power Factor (full load)	PF≥0.4(3W);PF≥0.5(6/8W)		
	Safety Class	Class I		
	Surge Protection	L to N: 1kV L to ground &N to ground: 2kV		
	Adaptive Driver	driver inside		
	Control Interface	mono: on/off		
	power connection	for outdoor application, flying cable length 30cm+/-5cm H05RN-F 2*1.0MM2		
Mechanical & appearance	dimension	Ø60*80*98.5mm	Ø60*80*98.5mm	Ø60*80*98.5mm
	recessed box dimension	/		
	Salt spray	168 hours		
	IP rating	IP65		
	IK rating	IK06		
	Luminaire Shape	roundness		
	Housing material	aluminum		
	Diffuser material	tempered glass		
	Reflector material	PMMA		
	Housing design & color	coal dark		
	Packing	Out box: industrial package carton (19*38*42.5 16PCS/carton) Inner box: color package		
Approbation	GM	CE/CB/EMC		
Others	China RoHs2.0	Yes		
	REACH	Yes		

Dimension Drawing

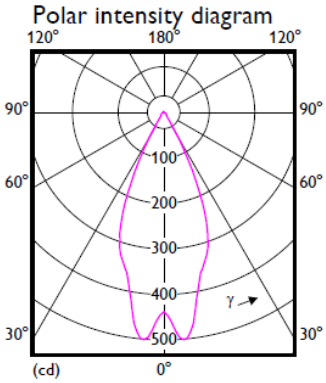
Type number 系列型号	Control metho 控制方式	kg	LEDs QTY LED颗粒数	CCT/color 色温/颜色	Typical Power 典型功率	Voltage 输入电压
BGP150/151 LED	ON/OFF	0.39	1	3000K 4000K Green （绿光）	3W 8W	100-240VAC



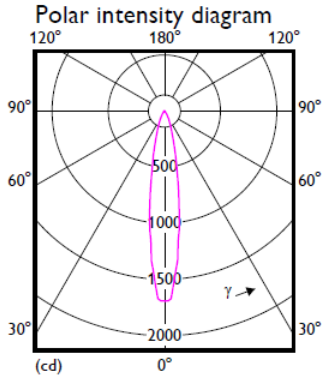
Light distribution



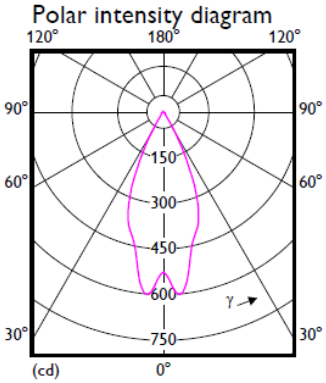
BGP150 LED250 WW 3W 20D 1 x LED
1 x 250 lm



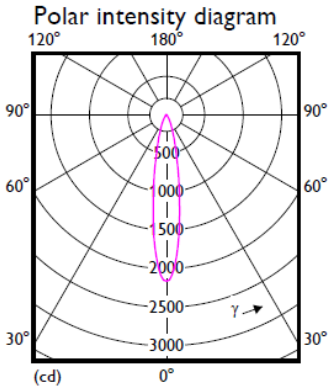
BGP150 LED250 WW 3W 45D 1 x LED
1 x 250 lm



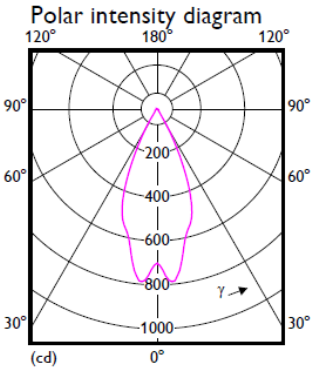
BGP150 LED300 NW 3W 20D 1 x LED
1 x 300 lm



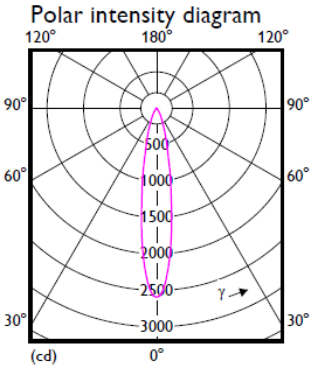
BGP150 LED300 NW 3W 45D 1 x LED
1 x 300 lm



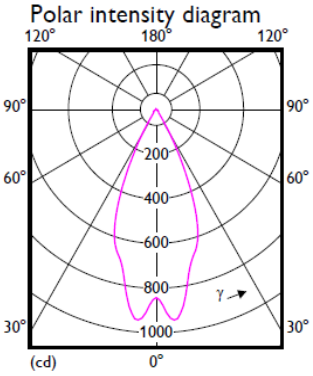
BGP150 LED400 WW 6W 20D 1 x LED
1 x 400 lm



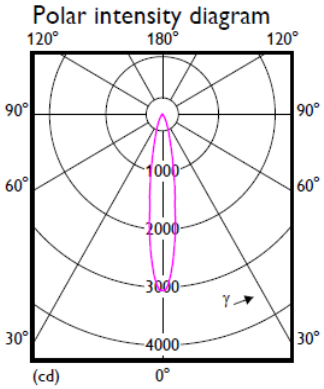
BGP150 LED400 WW 6W 45D 1 x LED
1 x 400 lm



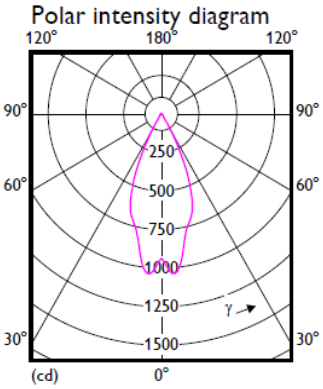
BGP150 LED480 NW 6W 20D 1 x LED
1 x 480 lm



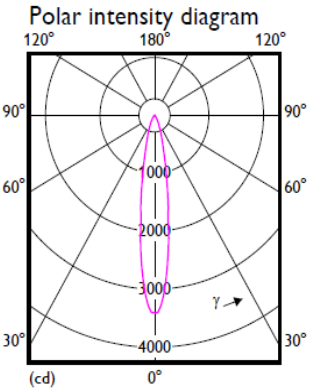
BGP150 LED480 NW 6W 45D 1 x LED
1 x 480 lm



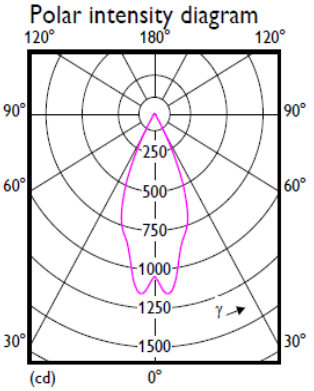
BGP150 LED520 WW 8W 20D 1 x LED
1 x 520 lm



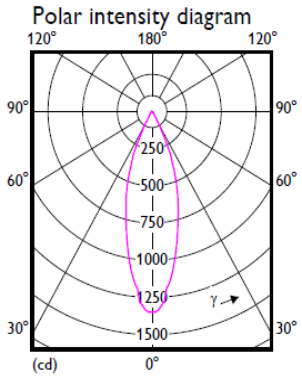
BGP150 LED520 WW 8W 45D 1 x LED
1 x 520 lm



BGP150 LED580 NW 8W 20D 1 x LED
1 x 580 lm



BGP150 LED580 NW 8W 45D 1 x LED
1 x 580 lm



BGP150 LED G 8W 35D 1 x LED
1 x 500 lm

Order information

Product Family	12NC	markets	SAP description	Packing Qty
Ess. SmartBright Spot	911401755632	GM	BGP150 LED520/WW 8W 20D GM	16
Ess. SmartBright Spot	911401755642	GM	BGP150 LED580/NW 8W 20D GM	16
Ess. SmartBright Spot	911401755652	GM	BGP150 LED400/WW 6W 20D GM	16
Ess. SmartBright Spot	911401755662	GM	BGP150 LED480/NW 6W 20D GM	16
Ess. SmartBright Spot	911401755672	GM	BGP150 LED250/WW 3W 20D GM	16
Ess. SmartBright Spot	911401755682	GM	BGP150 LED300/NW 3W 20D GM	16
Ess. SmartBright Spot	911401755692	GM	BGP150 LED520/WW 8W 45D GM	16
Ess. SmartBright Spot	911401755702	GM	BGP150 LED580/NW 8W 45D GM	16
Ess. SmartBright Spot	911401755712	GM	BGP150 LED400/WW 6W 45D GM	16
Ess. SmartBright Spot	911401755722	GM	BGP150 LED480/NW 6W 45D GM	16
Ess. SmartBright Spot	911401755732	GM	BGP150 LED250/WW 3W 45D GM	16
Ess. SmartBright Spot	911401755742	GM	BGP150 LED300/NW 3W 45D GM	16
Ess. SmartBright Spot	911401755752	GM	BGP150 LED G 8W 35D GM	16

MoQ=96 pcs/ 6 cartons
GM- spiker included

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