

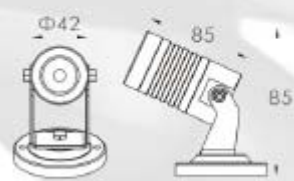
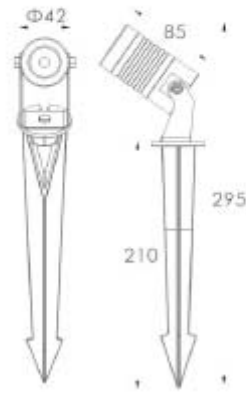


Joytech Products Co., Ltd.

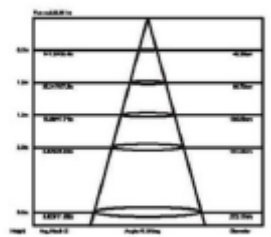
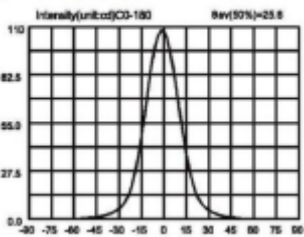
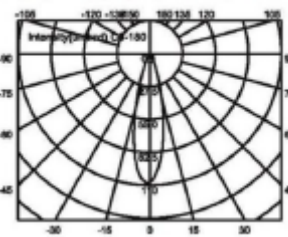
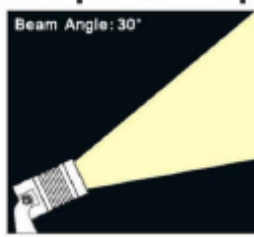
LED



HIGH POWER LED GARDEN LIGHT



Graphical representation for 83312 cool white



Specification

Housing: Aluminum anodized finishing & powder painting
 Glass: Tempered glass T= 3mm
 Lens: Optical lens, efficiency $\geq 85\%$
 Cable gland: Cooper and coated
 Gasket: Tooling shaped seal
 LED: EDISON OR CREE power LED
 PCB: Excellent heat conductivity aluminum
 coefficient of Heat conductivity $\geq 2.0\text{w/mK}$
 Driver: Constant current output
 Single color LED= 1-circuit output
 RGB 3 in 1 LED= 3-circuit output
 Operating temperature: $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
 Power Cable: H05RN-F $2 \times 0.75\text{mm}^2$ L=2m (low voltage)
 H05RN-F $3 \times 0.75\text{mm}^2$ L=2m (high voltage)
 H05RN-F $4 \times 0.75\text{mm}^2$ L=2m (for RGB)

Item No.	Light source	Beam Angle(°)	Input voltage (V)	Typical operating current (mA)	Typical consumption (W)	Typical luminance (lm)	Ik rate
83311/83511	1 x 1W	8/15/25/30/45/60	12V/24VDC 120V/240V	120V= 291mA	12V= 1.1W, 24V= 1.2W, 120V= 1.1W, 240V= 1.2W	Cool white= 160, Warm white= 140	02
83312/83512	1 x 3W	8/15/25/30/45/60	12V/24VDC 120V/240V	12V= 250mA, 24V= 116mA, 120V= 26mA, 240V= 14mA	12V= 3.1W, 24V= 2.8W, 120V= 3.2W, 240V= 3.3W	Cool white= 180, Warm white= 160	02
83316/83516	1 x 3W RGB 3 in 1	30/45/60	12/24VDC	R= 38, G= 53, B= 54 (24VDC)	24V= 3.5W	R= 18, G= 26, B= 6	02

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