

**Hi-power Wall Washer**



**Hi-power Wall Washer** BH0436C

Hi-power Wall Washer is powered by 1 W LED, and it provides a even and wide color for surfaces, mainly walls. Connected this kind of products can provide huge project color changing requirement.

Inner 1W LED has a 140° beaming angle ,max emitting distance is 12 meters; a 25° lens can better concentrate the light and have a longer emitting distance; without the lens, Cast gives a very wide angle emitting effect. And these lens on LEDs are optional.

Each Red, Green, Blue has a 256 color depth and it can provide a total amount of 16,777,216 different colors. Constant current ensures its stable performance under various working conditions.

Hi-power Wall Washer has a good adaptability in various conditions due to its IP 65 feature and durable aluminum pedestal.

**Specification**

Size: 1000\*76\*75mm  
 Color: 256\*256\*256, 16777216 true colors  
 LED: 1W LED  
 Length: 1000 mm  
 LED quantity: 12R/12G/12B, 36 in total  
 Cover: Steel glass  
 Housing: Aluminium  
 Beaming angle: 25° with lens, 140° without lens  
 Life span: >=50000 hours

**Communication**

Port: Waterproof connect  
 Controller: DMX512 control

**Current&Electric**

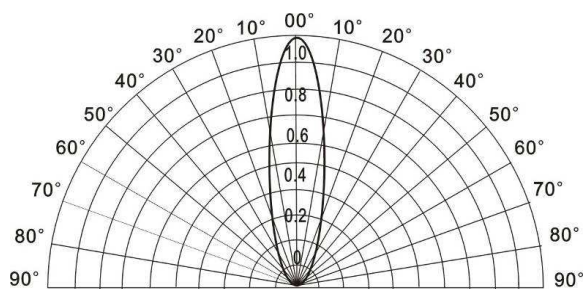
Input: 350mA  
 Power: 36W  
 Power supply: PX3635

**Working Environment**

Temperature: -25°~ 70°  
 Humidity: 0%~90% relative humidity  
 IP class IP65

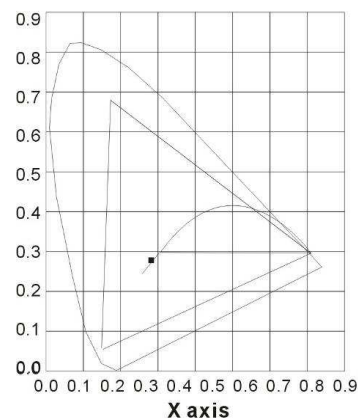
**Specification**

LED: Soft focus point and ultra-emission colophony lens  
 Beaming angle : 25°  
 Light distribution: Even diffusive illumination



Circle area is the beaming angle:25°

**CIE Chromatic Diagram**



Diamond area is white color

**Luminance**

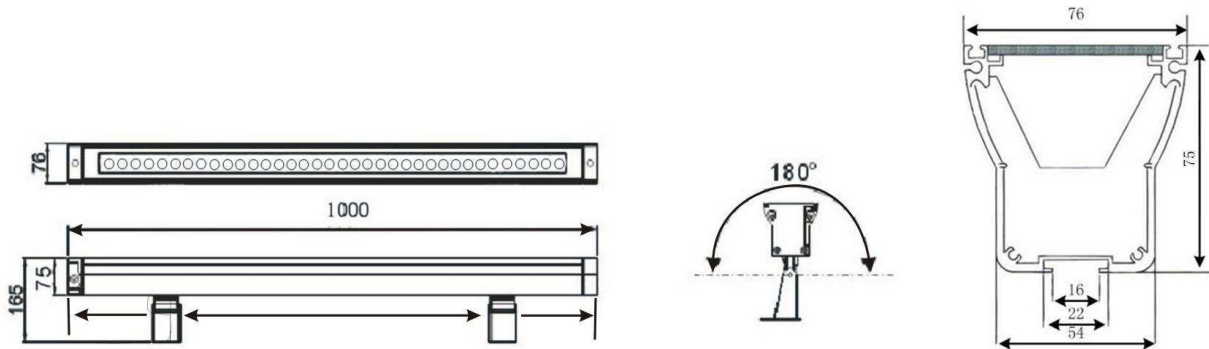
Color	3'	6'	9'	12'	15'
	1m	2m	3m	4m	5m
White	578.8	144.8	64.4	36.4	23.2
	6226.6	1557.2	692.0	391.0	250.6
Red	250.9	62.8	27.9	15.8	10.1
	2700.0	675.0	300.1	169.6	108.8
Green	227.0	56.7	25.2	14.2	9.2
	2441.7	610.4	271.3	153.4	98.3
Blue	100.4	25.0	11.2	6.4	4.0
	1080.0	270.0	120.0	67.8	43.4

cd/mm<sup>2</sup>, candles/square

**Luminous Flux**

Color	Output (Lm)	Power (W)	Emission efficiency (lm/W)
White	1308.0	36	36.3
Red	540.0	12	45.0
Green	562.0	12	46.8
Blue	216.0	12	18.0

**Dimension Diagram**



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**Wiring Instruction**

