

Descriptions:

- Voltage available in **DC10V**
- LED Type: 1W Xeon Power LED
- MCPCB
- Lens OS-OLIHA030P available

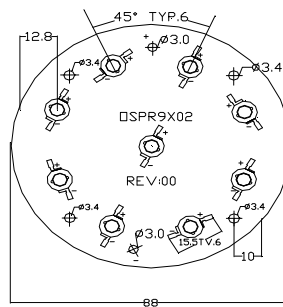
Application:

- Small Space Lighting
- Mechanical equipment lights

Photo

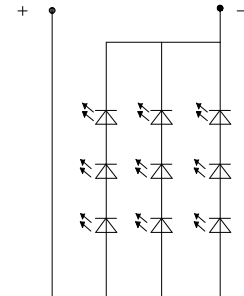


Outline Dimension



Circuit Diagram

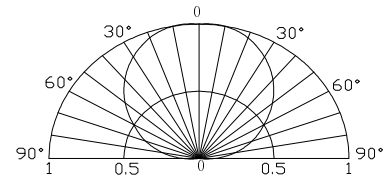
Constant Current 1050mA



Unit: mm
Tolerance: ±0.3mm

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Unit
LED Module Power	Pm(B, W, G)	-	10.5	14.4	w
	Pm(R, Y)	-	7.9	10.8	
Input Voltage(DC)	Vi(B, W, G)	-	10	12	V
	Vi (R, Y)	-	7.5	9	
Product Input Current	If	-	1050	1200	mA
Beam Pattern	BP	-	140	-	Deg
Operating Temperature	Topr	-30	-	85	°C
Storage Temperature	Tstg	-40	-	100	°C
PCB Diameter	Lmod.	-	88	-	mm



Device Selection Guide

Module No.	Color	Wavelength(Typ.)		Condition	Overall Luminous Flux (Typ.)
OSPR9X02-R5XNE1E1E	Red	625 nm		IF=1050mA	450 lm
OSPR9X02-G5XNE1E1E	Pure Green	525 nm		IF=1050mA	675 lm
OSPR9X02-B4XNE1E1E	Blue	460 nm		IF=1050mA	135 lm
OSPR9X02-Y5XNE1E1E	Yellow	590 nm		IF=1050mA	450 lm
OSPR9X02-W4XNE1E1E	White	X=0.31,Y=0.33	6500K	IF=1050mA	900 lm
OSPR9X02-M5XNE1E1E	Warm White	X=0.45,Y=0.41	3000K	IF=1050mA	810 lm