3PCS Xeon 1 Power Cool White LED

OSPR3XW1-W4XME1C1E

■ Features

- Super Bright
- Big Emitting Angle
- Long Life
- Quick Response
- Superior ESD Protection
- Superior UV Resistance

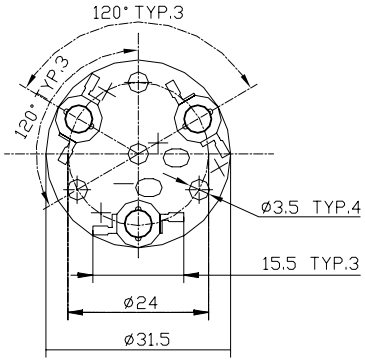
■ Applications

- Small Space Lighting
- Auto Lighting
- Light Source for Optical Fiber

■ Outline Size

Unit: mm

Tolerance：±0.30mm



■ Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Operating Temperature	Tope	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Input Voltage(DC)	V_i	12	V
Input Current(DC)	Ii	400	mA
Power Dissipation	Pa	4.8	W
Color Rendering Index	Ra	70~80	

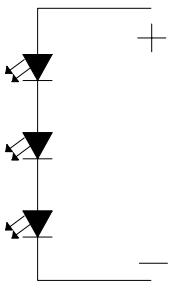
■ Picture

■ Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Unit
Input Voltage(DC)	V_i	-	9	10	V
Input Current(DC)	Ii	-	150	350	mA
Power Dissipation	Pa	-	1.35	3.5	W
Chromaticity Coordinates	x	I_F=350mA	-	0.31	
	y	I_F=350mA	-	0.33	
Whole Luminous Flux*	Φv	I_F=350mA	-	300	lm
Beam Pattern	BP	-	-	120	Deg
Net Weight	Wei	-	-	5	g

*Tolerance of luminous intensity is ±15

■ Circuit



AUTO LED Application Technologies

JPVER A.0

Downloaded from Elcodis.com electronic components distributor