

LTI DECORATIVEPOD RGB



LIGHT HAS NEVER BEEN THIS POWERFUL

QUALITY

PERFORMANCE

RELIABILITY

- High quality LED chips from Edison
- Energy saving, environment friendly
Long lifespan
- Made of aluminium alloy with
excellent heat conductivity
- Powered with LTI current
constant drive controller
RGB12-DMX36 or RGB24-DMX72
- RJ45 and standard network cable
Easy connection
- Designed with a passive ventilation
system to ensure long lifespan
without maintenance
- Esthetic Style



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LED TECHNOLOGY INNOVATION
ARCHITECTURAL SERIES



Model #
D3X1W-R+G+B
D6X1W-R+G+B

Technical Parameters

Beam Angle 15° available (8°/25°/45°)

Input Voltage 24 Volt current constant drive from LTI control RGB12-DMX36 or RGB24-DMX72

Lumens		3 watt	6 watt
	Red: 45 lm/W	Flux: 45 lm	90 lm
	Green: 70 lm/W	Flux: 70 lm	140 lm
	Blue: 20 lm/W	Flux: 20 lm	40 lm

Wave Length
 Red: 620 ~ 630 nm
 Green: 515 ~ 535 nm
 Blue: 455 ~ 475 nm

Color Range 16.7 million additive RGB

Mixing Distance	3 watt	6 watt
	6 inches	6 inches

Lumen Maintenance 50 000 + hours L50 @ 50 °C

Power Consumption	3 watt	6 watt
	3 W max. at full output	6 W max. at full output

Interface Current constant drive from extended controller

Control System DMX 512 from LTI controller

Dimensions ∅ 80 mm x 90 mm x 105 mm

Weight 450 g

Housing Die-cast aluminium and extrusion

Fixture Connections Power in/out CAT5 Network cable RJ45 connectors


Temperature -40 °C (operating) -45 °C (Startup)

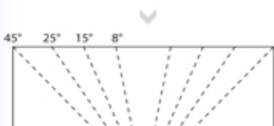
Humidity 0 - 95 %, non-condensing

Certification CE, ROHS

Life Time 100 000 hours at TA - 30 °C at more than 70% initial flux

LED Class Class 2 LED product

 High efficient reflector

 Standard: 15°
 Lens available: 8°, 25°, 45°

 LED from Edison Opto

Reflow soldering procedure direct on PCB

0,002 po printed circuit board for optimized thermal transfer

PCB laminated on 0,06 po aluminium sheet

High efficient thermal grease

Machined surface by CNC for high efficient mechanical thermal contact

Extrusion with high surface contact for optimal thermal convection

TYPICALS APPLICATIONS

- > Decorative light
- > Residential and commercial
- > Architectural RGB