

# LTI RECESSEDPOD RGB



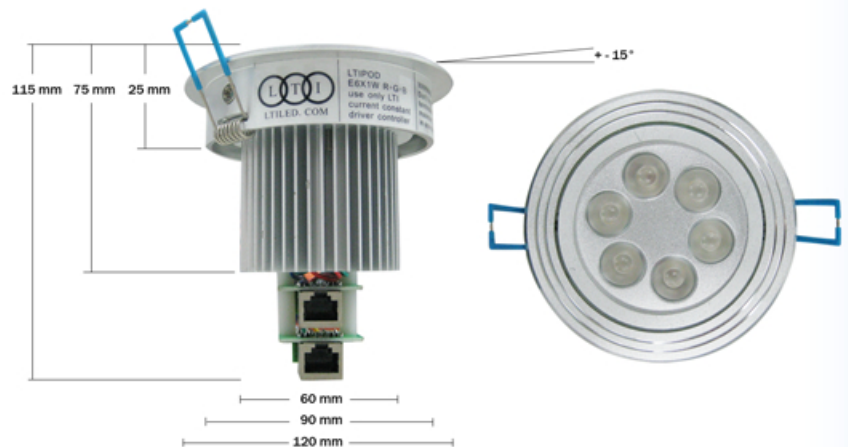
**LIGHT HAS NEVER BEEN THIS POWERFUL**

**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 #  
**R6X1W-R+G+B**  
**R3X3W-RGB**

## Technical Parameters

**Beam Angle** 15° available (8°/25°/45°)

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

<b>Lumens</b>		<b>R+G+B</b>	<b>RGB 3 in 1</b>
	Red: 45 lm/W	Flux: 90 lm	135 lm
	Green: 70 lm/W	Flux: 140 lm	210 lm
	Blue: 20 lm/W	Flux: 40 lm	120 lm

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

**Color Range** 16.7 million additive RGB

<b>Mixing Distance</b>	<b>R+G+B</b>	<b>RGB 3 in 1</b>
	6 inches	0 inches

**Lumen Maintenance** 50 000 + hours L50 @ 50 °C

<b>Power Consumption</b>	<b>R+G+B</b>	<b>RGB 3 in 1</b>
	6 W max. at full output	9 W max. at full output

**Interface** Current constant drive from extended controller

**Control System** DMX 512 from LTI controller

**Dimensions** ∅ 120 mm x 90 mm x 115 mm

**Weight** 500 g

**Housing** Die-cast aluminium and extrusion

**Fixture Connections** Power in/out CAT5 cable 22 000 G RJ45 connectors

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

**Humidity** 0 - 95 %, non-condensing

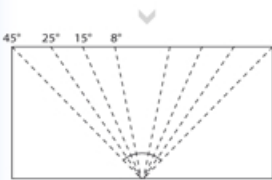
**Certification** CE, ROHS

**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

- > Recessed
- > Downlight
- > Architectural RGB