



## ReonLED (Reflectors)

### 5w Retrofit LED reflector lamps

The Reon LED R50 lamps offer huge energy savings over halogen lamps without compromising on brightness. The lamps can quickly replace halogen products in accent and general lighting applications, and once in place rapid payback is achieved.

**R5005/E14-W27**

## Specification

Voltage	220-240Vac 50-60Hz
Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	40
Rated Power (W)	5
CCT Words	Warm White
CCT (K)	2700
L70B50 Lifetime (h)	15000
Total Luminous Flux (lm)	500
Power Factor	0.55
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Dimensions L x W x D (mm)	83* $\phi$ 50mm
Weight (kg)	0.031
Ambient Temperature Range (°C)	-20 to 40
Lamp Cap	E14
Depth (mm)	50
Diameter (mm)	50

## Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	E14
Mains / Non-Mains (MLS/NMLS)	MLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	5

Energy Efficiency Class (NEW FORMULA)	F
Useful Luminous Flux (lm)	500
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	2700
On-Mode Power (Pon) (W)	5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	83
Width (mm)	50
Depth (mm)	50
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	42
Chromaticity Co-Ordinates (X)	0.463
Chromaticity Co-Ordinates (Y)	0.42
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
R9 CRI (LED/OLED)	5
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.93
Displacement Factor	0.8
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.1
Stroboscopic effect metric (SVM) (x,x)	0.02

## Technical Drawings

