



APPLICATIONS

LED ROUND RETROFIT KIT is a new technology that allows the coexistence of environmental protection and 70-80% energy savings. This kit replaces the following lamps: MH/HPS/HID/MHL/DFL in existing area lights, canopies, ceilings, flood, high/low bay, post top lights, and roadway lights applications. A good choice to reduce maintenance costs.

SPECIFICATION FEATURES

CONSTRUCTION

Round slim design aluminum die casting. Stainless steel cooling fan cover.

ELECTRICAL

Retrofit utilizes high-efficiency LED chips configured to work separately reducing the single broken LED influence problems in the past. Aluminum fins heat sinks with active air exchanging system to speed up heat dissipation.

OTHER BENEFITS

Environmentally friendly and reducing energy costs. A great alternative to replacing and maintaining a luminaire.

DIMMING

3 in 1 dimming driver (1-10V DC) 10V PWM signal, resistance. UL listed dimmable power supply.

INSTALLATION and MOUNTING

Retrofit is a direct screw in base and has a 180° adjustable bracket and an up/down adjusting range of 65mm. Optional L-shaped bracket is available.

WARRANTY

5-year warranty.





ORDERING EXAMPLE: 022-RDRF-100-50-E39-LB

Product Series: 022-RDRF

WATTAGE	CCT	VOLTAGE	BASE TYPE	DIMMING	COLOR	BRACKET
60=60 Watts 80=80 Watts 100=100 Watts 120=120 Watts 150=150 Watts 240=240 Watts 300=300 Watts	30=3000K 41=4100K 50=5000K 57=5700K	[Blank]=120-277V 48=200-480V	E26=Medium E26 E39=Mogul EX39	[Blank]=0-10V	[Blank]=Silver	[Blank]=Standard LB=L Bracket

TECHNICAL PARAMETERS

Input Wattage	60W	80W	100W	120W	150W	240W	300W
Input Voltage (AC)	120-277V or 200-480V						
Replacement	HPS 200W	HPS 250W	HPS 300W	HPS 400W	HPS 600W	HPS700W	HPS 1000W
Luminous Flux	9,600lm	12,800lm	16,000lm	19,200lm	14000lm	38,400lm	48,000lm
Efficacy	>150-160 lm/W						
CCT	3000K/4100K/5000K/5700K						
CRI (Ra)	80+						
LED Source	3030 SMD LED Chips						
Beam Angle	120°						
Dimming and Driver	3 in 1 Dimming Driver (1-10V DC) 10V PWM Signal, Resistance. UL Listed dimmable power supply.						
Power Factor	>0.95						
Life Span (hours)	50,000 hours at 25°C						
Operating Temperature	-40°to +45°C						
DLC - Certification	Y	Pending	Y	Pending	Y	Y	Y
DLC - Cert. E39 – 480V	N	N	N	N	Y	N	Y
Warranty	5 years						



180° Adjustable Bracket



Optional: L-Shaped Bracket



PRODUCT DIMENSIONS (in mm)



PHOTOMETRIC DATA

