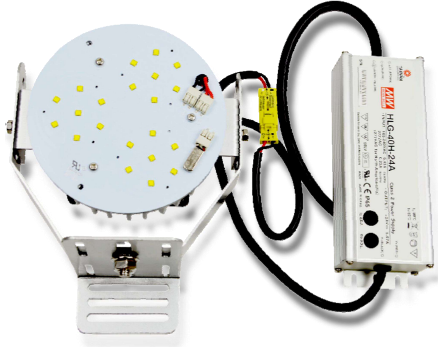


LED RETROFIT KIT

WL-RTU Series



50,000 hour L70 lifespan. 5-Year Warranty.
Color and Weight: Various.

Project Name:

Catalogue Number:

Fixture Schedule:

Comments:

Overview

E2 Lighting's second generation Retrofit Kit is elegant, flexible and reliable by design and utilizes the luminous CREE XTE LED source and high-reliability Mean Well HLG Series LED driver. The device accepts 90-305VAC and consumes 40W to 400W and produces light intensity equivalent to 150W to 1000W MH fixtures. The RTUV Retrofit Kit comes pre-fit to map to your existing fixture and allows for fast-and-easy replacement.

Product Description

E2 Lighting's line of Retrofit Kits feature ready-to-use LED light source solutions for field-installed fixtures in a variety of applications.

Product Features

- High-performance CREE XTE LEDs
- Mean Well all-range WL-RTUV driver utilizes Mean Well HLG series providing great stability, long lifespan and high performance
- Made in Taiwan with 5-year warranty
- Thermal protector automatically dims down or switches LED module off when overheating is detected and switches LED module on when luminaire cools down
- Architecturally clean design with Wago® SMD PC connector
- Equipped with Wago® quick disconnect between LED driver and LED module for easy-and-fast connect
- Sunon® LED fan, DR Megles series, +50,000 hours lifespan
- Equipped with strain relief clamp, electrical cables and soldering points ensure device is failsafe protected
- One-piece die-casting aluminum heat sink ensures heat dissipation of LED module.

Applications

- Wall pack, street light, high bay, canopy and shoebox lights

Available Options

- Silver and White finish color options
- 45, 120 and 180 DEG (No Lens) optional
- E26 or E39 base adapter options
- Horizontal (L), Vertical (I) and Base Plate mounting type options

Cautions

- Installation by a licensed electrician only.
- Product failure caused by misuse, modification or power surges are not covered under warranty.
- Actual product performance may differ as a result of end-user environment and application.
- Input voltage may vary depending on photocell configuration.

Warranty

E2 warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please see our full warranty terms located at www.e2lightingusa.com.

Technical Support

Need help? Please contact our technical support team for assistance at (415) 670-9362.

Horizontal Mount with L-Bracket



Vertical Mount with I-Bracket and Pre-Plate



Ordering Matrix

Model	Watts	LED Qty	Replaces	Lumens	CCT	Voltage	Beam Angle	CRI	Dimensions
WL-RTUV-040	40W	21	125W MH	4000	5000K 5500K 5700K	90-305VAC/ 47-63Hz	45 DEG 120 DEG 180 DEG	70	D120 x H62mm
WL-RTUV-060	60W	21	175W MH	6000					180 x 140 x 78mm
WL-RTUV-080	80W	42	250W MH	8000					
WL-RTUV-100	100W	42	350W MH	10000					
WL-RTUV-120	120W	42	400W MH	12000					
WL-RTUV-150	150W	42	450W MH	15000					
WL-RTUV-185	185W	56	600W MH	18500					

Model (Optional)

WL-RTUVSVFN = Silver finish (Default color)
 WL-RTUVWHFN = White finish
 WL-RTUV26BA = E26 base
 WL-RTUV39BA = E39 base
 WL-RTUVHM = Horizontal Mount (L)
 WL-RTUVVM = Vertical Mount (I) Custom
 WL-RTUVCP = Custom Plate

Optics (Options)

45D = 45 DEG Lens
 120D = 120 DEG Lens
 180D = 180 DEG (No Lens)

Specifications

Model	WL-RTUV -040	WL-RTUV -060	WL-RTUV -080	WL-RTUV -100	WL-RTUV -120	WL-RTUV -150	WL-RTUV -185	WL-RTUV -240	WL-RTUV -320	WL-RTUV -400
Electrical Measurements:										
Input Voltage	90-305VAC, 47-63 Hz									
Input Wattage	40W	60W	80W	100W	120W	150W	185W	240W	320W	400W
Input Current	0.43A	0.64A	0.80A	1.2A	1.4A	1.70A	2.10A	4.00A	3.50A	4.00A
Equivalent Range	125W MH	175W MH	250W MH	350W MH	400W MH	450W MH	600W MH	800W MH	1000W MH	
Power Factor	0.90min									
THD	20%									
Operating Temp	-40° F to +113° F									
Photometric Characteristics:										
Initial Lumens Output	4000LM	6000LM	8000LM	10000LM	12000LM	15000LM	18500LM	24000LM	32000LM	40000LM
Initial Lumens Efficacy	100 LPW			88.64 LPW	100 LPW	79LPW	100LPW			
CCT	5000K/5500K/5700K									
CRI	> 70					72.7	73.1	> 70		
Optics	120 DEG/45 DEG (optional)									
Luminous Intensity Distribution:										
Center Beam Candlepower	1276CD	1738CD	2619CD	2946CD	3367CD	4072CD	5056CD	6473CD	8483CD	10068CD
Beam Angle	114.7°/45°	115.1°/45°	113.2°/45°	118.4°/45°	118.3°/45°	113.3°/45°	112.7°/45°	113.9°/45°	118°/45°	118°/45°
Physical Specification:										
Diameter	4.72" (120mm)			7.08" (180mm)			10.43" (265mm)		12.60" (320mm)	
Width	5.51" (140mm)					6.30" (160mm)			9.33" (237mm)	
Height	2.44" (62mm)			3.07" (78mm)					3.35" (85mm)	
Housing Material	Die cast aluminum									
Finish	Silver									
Module Weight	680g		1182g			1965g		3360g		3620g
Driver Weight	658g		793g	1016g		1060g		1185g	1822g	2370g
Packing Type	(1) unit/white box; (4) boxes/container						(1) unit/white box; (2) boxes/container			
Packing Dimensions	410x295x150mm/ 425x310x320mm		300x275x130mm/315x290x540mm				410x295x150mm/425x310x320mm			
Packing Weight	1.88kg/7.5kg		2.5kg/10kg	2.75kg/11kg		3kg/12kg	3.8kg/7.6kg	4kg/8kg	6kg/12kg	
Mounting and Wiring:										
Mounting	Horizontal, Custom Plate or Vertical mounting									