LED RETROFIT KITS | 40W-240W

The Omni-Ray Lighitng LED Retrofit Kit is designed to allow cost affordable conversion from MH/HPS/HID applications to LED. They are the perfect tool for accessing the cost-savings and low maintenance of LED lighting, without replacing entire fixtures. Retrofit kits feature a compact size to fit into all types of existing fixtures include wall pack, flood light boxes, Area Light, high-bay and Street light applications.

A cost-effective and long-term lighting solution, the Omni-Ray Lighting LED retrofit kit provides a 100,000+ hour lifespan and can replace 100watt-750watt HID light, significantly reducing your facility's energy costs. the retrofit kit provides a 120 degree beam with a 4000K /5000K/5700K color temperature. To ensure your LEDs never overheat, the kit features Sunon fan technology that provides up to 70,000 hours of 24/7 operation.

Intended Applications
LED retrofit kits for conventional shoebox, cobra head, wall pack, canopy & high bay fixtures.

Construction & Materials
Heavy duty one-piece die cast aluminum heat sink

Professional and clean designed metal core printed circuit board (PCB)

Proven reliable Sunon® LED fan

Equipped with a strain relief clamp to protect electrical cables and soldering points

Integral thermal control sensor which reduces drive current, when ambient temperatures exceed rated temperatures

Mounting
Horizontal mounting with "L" bracket | Or vertical mounting with "I" bracket | Or custom plate mounting with plate adapter

Environmental System
Retrofit module inside of indoor and outdoor lighting fixtures

Electrical System
External Mean Well LED driver, Universal input voltage 120-277VAC (200-480VAC optional), 50/60Hz

Optical System
High performance Philips Lumileds LUXEON 3030 2D LED CHIP, High precision optics optional

Color temperature available in 5000K and 5500K,Minimum 50,000 hours life

Lighting Control
Available for special order, consult factory for lead time

can reduce power automatically when temperature is over 90°, so as to protect the light

Longevity & Warranty
50,000 hours L70 lifetime, 10 years warranty

Listing & Certificates
ETL and cETL

LED modules comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium™ Qualified and classified for DLC Standard (some models are not DLC qualified), refer to www.designlights.org for details.

Specification / Ordering Information

Item No.	Input Voltage	Driver Type	LED Type	Wattage	Typical Lumens	Replacement of
	(VAC)	(Meanwell)	Philips Lumileds	(W)	(lm)	HPS, MH, HID
ORL-RKNT-40W	100-277	LPF-40-24	Philips Lumileds	40	5000	100W-175W
ORL-RKNT-60W	100-277	LPF-60-24	Philips Lumileds	60	7500	200W-250W
ORL-RKNT-60WH	280-480	HVG-65-24A	Philips Lumileds	60	7500	200W-250W
ORL-RKNT-80W	100-277	HLG-80H-24A	Philips Lumileds	80	10000	250W-320W
ORL-RKNT-100W	100-277	HLG-100H-24A	Philips Lumileds	100	12500	400W
ORL-RKNT-100WH	280-480	HVG-100-24A	PhilipsLumileds	100	12500	400W
ORL-RKNT-120W	100-277	HLG-120H-24A	Philips Lumileds	120	15000	400W
ORL-RKNT-150W	100-277	HLG-150H-24A	Philips Lumileds	150	18750	500W-600W
ORL-RKNT-150WH	280-480	HVG-150-24A	Philips Lumileds	150	18750	500W-600W
ORL-RKNT-185W	100-277	HLG-185H-24A	Philips Lumileds	185	23125	600W-700W
ORL-RKNT-240W	100-277	HLG-240H-24A	Philips Lumileds	240	30000	750W

Packing Info

Part No.	Unit weight(kgs)	Unit Box Size(mm)	PCS/CTN	G.W(kgs)	Outbox Size(mm)
ORL-RKNT-40W	2.5	292*195*90	6	15	400*300*280
ORL-RKNT-60W	2.5	292*195*90	6	15	400*300*280
ORL-RKNT-80W	2.6	292*195*90	6	15.6	400*300*280
ORL-RKNT-100W	2.8	292*195*90	6	16.8	400*300*280
ORL-RKNT-120W	2.8	292*195*90	6	16.8	400*300*280
ORL-RKNT-150W	2.8	292*195*90	6	16.8	400*300*280
ORL-RKNT-185W	3.1	292*195*90	6	18.6	400*300*280
ORL-RKNT-240W	3.1	292*195*90	6	18.6	400*300*280