

# LED RHYTHM

LED  
PRECISE, HIGH-OUTPUT LIGHTING

## Diamond II

NAMED AFTER DIAMOND, IT SYMBOLIZES ETERNITY, BRILLIANCE AND UNPARALLELED DURABILITY.  
DIAMOND II SURPASSES ORDINARY INDUSTRIAL LAMPS AND BECOMES THE "LIGHT GUARANTEE" TRUSTED BY USERS,  
SETTING A NEW BENCHMARK FOR THE LIGHTING INDUSTRY.

80W, 100W, 120W, 150W, 200W, 240W

- Soft light protects the eyes: The unique high-transparency matte acrylic design reduces 80% of glare troubles and provides unprecedented visual comfort for industrial spaces. It not only lights up the working environment, but also improves the concentration and sense of security of employees.
- Peak lighting efficiency: Equipped with the world's top light source OSRAM and power source MeanWell, providing 150lm/W Ultra-high light efficiency, 20% higher than the UFO industry standard, color rendering index Ra80, perfectly restores true colors.
- Global certification: Backed by a certification authority, it has super corrosion resistance and can fully resist erosion by moisture, chemical gases and corrosive substances, truly achieving "as reliable as a diamond".
- Unparalleled strength: Diamond II is made of aviation-grade material and is die-cast in one piece, which increases its strength by 300%. Each lamp is as tough as a diamond, making it a pioneer in protection in the industrial field.
- Intelligent control of the future: Supports 0-10V dimming technology, brightness can be adjusted on demand, combined with high-performance design, allowing users to enjoy energy saving while also having a personalized light experience.
- Scene Master: Flexible optical light distribution design can easily cope with complex environments such as warehouses, retail areas, and production lines, injecting intelligent matching into each beam of light to improve production efficiency and space quality.



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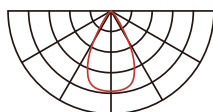
## ORDERING INFORMATION

SERIES	WATTS	CCT	OPTICS	INPUT PWR	Protection	Housing Material	DIMMING	FIELDS APPLICATION
Diamond II	80W	3000K	60°	120-277V	IP66	Die Cast Aluminum	0-10V Optional	Warehouse Cold storage Retail areas Production and assembly halls
	100W	4000K	90°	277-480 VAC				
	120W	5000K	120°					
	150W	5700K						
	200W							
	240W							

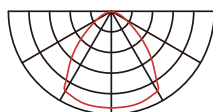
### NOTES

- 80 CRI Standard
- Custom RAL Colors Require Additional Costs & Lead Times
- UL, FL & DL Options not DLC QPL Listed
- CM Mounting Standard

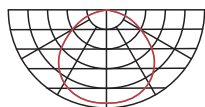
## OPTICS



60°



90°



120°

## LUMEN CHART

	3000K	4000K	5000K	5700K
80W	10400lm	11200lm	12000lm	11200lm
100W	13000lm	14000lm	15000lm	14000lm
120W	15600lm	16800lm	18000lm	16800lm
150W	19500lm	21000lm	22500lm	21000lm
200W	26000lm	28000lm	30000lm	28000lm
240W	31200lm	33600lm	36000lm	33600lm

Due to continuous improvement and innovation, product appearance and specifications may change without notice. Actual performance may differ as a result of end-user environment and application.

EMAIL:SERVICE2-MARKET@LED RHYTHM.COM | WEBSITE:WWW.LED RHYTHM.COM

# Dimond II

## INDUSTRIAL LIGHTING

### SPECIFICATIONS

**Expected Life** | Over 50,000 hrs.

**Rating** | IP66

**Color Rendering Index (CRI)** | >80

**Operating Temp** | -30°C – +45°C

**Relative Humidity** | 0-90% RH

**Power Factor** | ≥95%

**Input Voltage** | 120-277/277-480 VAC

**Input Frequency** | 50/60 Hz

**LED Chips** | OSRAM

**DIMMING** | 0-10V Optional

**LED Efficiency**

- 3000K, 130 lm/w
- 4000K, 140 lm/w
- 5000K, 150 lm/w
- 5700K, 140 lm/w

### WARRANTIES

SEE WEBSITE FOR DETAILS

**5-Year**

### MATERIALS

**Housing** | Die Cast Aluminum

A380 Alloy ADC12

**Gasketing** | Neoprene Rubber

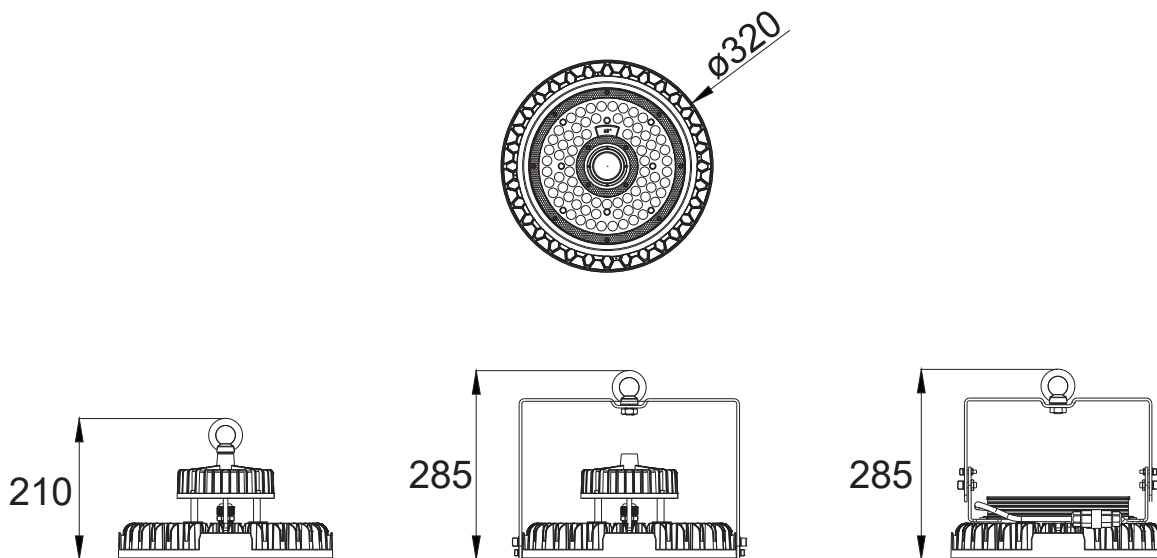
**Hardware** | 18-8 Stainless Steel

**Finish** | Protective UV Stabilized Powdercoat

4000 Hour Salt Spray Tested to ASTM B117

**Lens** | PC

### PRODUCT DRAWINGS



80W-240W

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