

LED RHYTHM

LED
PRECISE, HIGH-OUTPUT LIGHTING

Diamond I

INDUSTRIAL LIGHTING

80W, 100W, 120W, 150W, 200W, 240W, 300W, 400W

- Full wattage from 80W to 400W
- Operating Temp : -30°C to +45°C
- 0-10V Dimming Optional
- Life time over 50,000 hours(45°C)
- Die-Cast Aluminum
- Multiple installations



PROJECT

CATALOG #

TYPE



POWER

Available in 80W, 100W, 120W, 150W, 200W, 240W, 300W, 400W Configurations

PRECISION

High Chip Density for Increased Uniformity

ENGINEERING

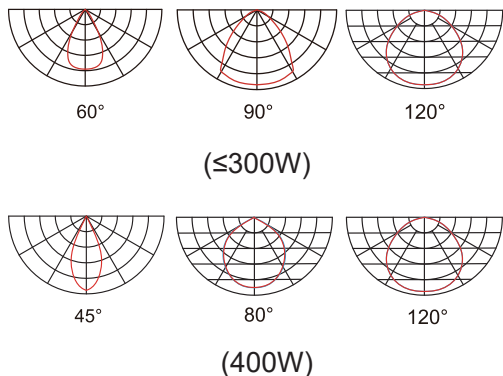
Die-Cast Aluminum

ORDERING INFORMATION

SERIES	WATTS	CCT	OPTICS	INPUT PWR	Protection	Housing Material	DIMMING	FIELDS APPLICATION
Diamond I	80W	3000K	(≤300W)	120-277 V/	IP66	Die-Cast Aluminum	0-10V Optional	Warehouse Cold storage Retail areas Production and assembly halls
	100W	4000K	60°	277-480 VAC				
	120W	5000K	90°					
	150W	6500K	120°					
	200W		(400W)					
	240W		45°					
	300W		80°					
	400W		120°					

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

OPTICS



LUMEN CHART

	3000K	4000K	5000K	6500K
80W	10400lm	10400lm	10400lm	10400lm
100W	13000lm	13000lm	13000lm	13000lm
120W	15600lm	15600lm	15600lm	15600lm
150W	19500lm	19500lm	19500lm	19500lm
200W	26000lm	26000lm	26000lm	26000lm
240W	31200lm	31200lm	31200lm	31200lm
300W	39000lm	39000lm	39000lm	39000lm
400W	52000lm	52000lm	52000lm	52000lm

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.

Dimond I

INDUSTRIAL LIGHTING

SPECIFICATIONS

Life Time | Over 50,000 hrs.(45°C)

Color Rendering Index (CRI) | Ra80

Operating Temp | -30°C to +45°C

Relative Humidity | 0-90% RH

Power Factor | ≥97%

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

Input Line Frequency | 50/60 Hz

LED Chips | OSRAM,LUMILEDS

Driver | Dimmable 0-10V Optional

LED Efficiency | 130 lm/w

Surge Protector | 4kV

LISTINGS

CE

UL

IP66

IK08

MATERIALS

Housing | Die Cast Aluminum

A380 Alloy ADC12

Gasketing | Neoprene Rubber

Finish | Protective UV Stabilized Powdercoat

4000 Hour Salt Spray Tested to ASTM B117

Lens | GLASS/PC

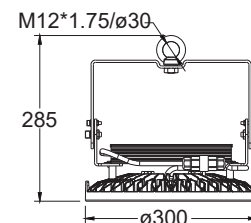
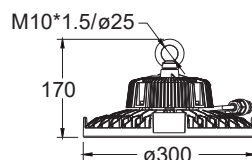
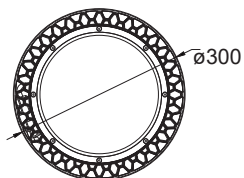
WARRANTIES

SEE WEBSITE FOR DETAILS

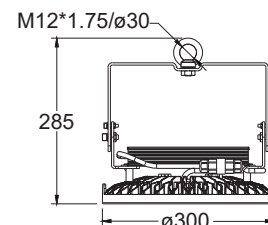
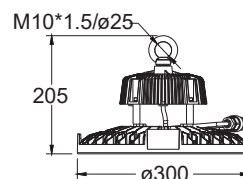
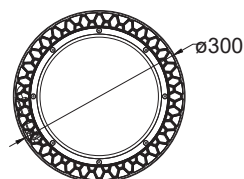
5/7 Years

PRODUCT DRAWINGS

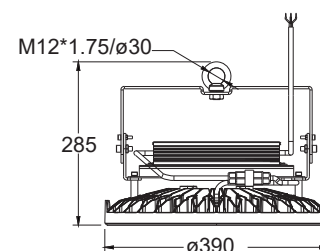
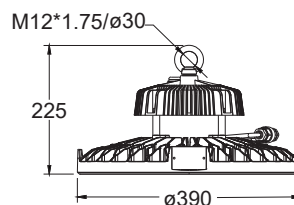
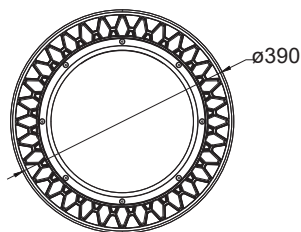
80-120W



150W



200W-400W



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