

LEDRHYTHM

LED
PRECISE, HIGH-OUTPUT LIGHTING

Diamond II

INDUSTRIAL LIGHTING

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

- Intelligent control
- Operating Temp : -30°C to + 45 °C
- 0-10V Dimming Optional
- Expected Life over 50,000 Hours
- Die Cast Aluminum
- Famous brand drivers and chips



POWER

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

PRECISION

High Chip Density for Increased Uniformity

ENGINEERING

Extruded aluminum Heatsink for Maximum Thermal Management

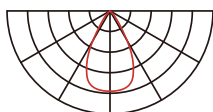
ORDERING INFORMATION

SERIES	WATTS	CCT	OPTICS	INPUT PWR	Protection	Housing Material	DIMMING	FIELDS APPLICATION
Diamond II	80W	3000K	60°	100-277V	IP66	Die Cast Aluminum	0-10V Dimmable Optional	Warehouse Cold storage Retail areas Production and assembly halls
	100W	4000K	90°	277-480 VAC				
	120W	5000K	120°					
	150W	5700K						
	200W							
	240W							
	300W							
	400W							

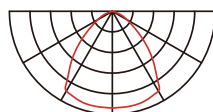
NOTES

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

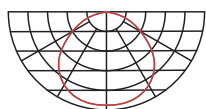
OPTICS



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
300W	39000lm	42000lm	45000lm	42000lm
400W	52000lm	56000lm	60000lm	56000lm

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 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 | ≥97%
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
Surge Protector | 4kV

WARRANTIES

SEE WEBSITE FOR DETAILS

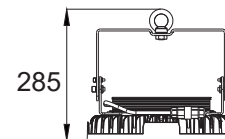
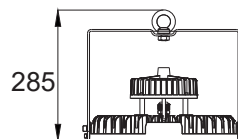
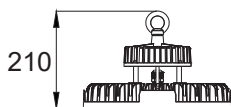
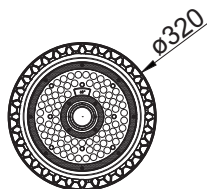
Housing | 5-Year
LED | 5-Year
Driver | 5-Year

MATERIALS

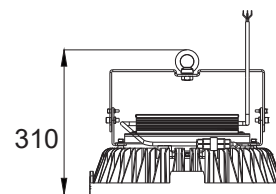
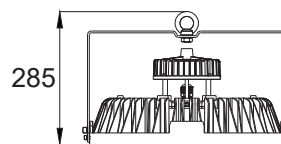
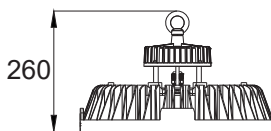
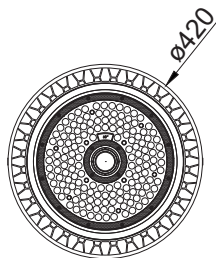
Housing | Die Cast Aluminum
A380 Alloy ADC12
Gasketing | Neoprene Rubber
Hardware | 18-8 Stainless Steel
Finish | Protective UV Stabilized Powdercoat
4000 Hour Salt Spray Tested to ASTM B117
Lens | PC

PRODUCT DRAWINGS

80W-200W



240W-400W



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