LEDRHYTHM
LED
PRECISE, HIGH-OUTPUT LIGHTING

Sapphire I
INDUSTRIAL LIGHTING

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

- Intelligent control
- Operating Temp : -30℃ to + 45 ℃
- 0-10V Dimming Optional
- Expected Life over 50,000 Hours
- Die Cast Aluminum

Certifications: DLC PREMIUM QPL Listed · UL · CE · IP69K · 5 YEARS LED WARRANTY · 5 YEARS DRIVER WARRANTY · LM79 · LM80 · DIMMABLE

POWER	PRECISION	ENGINEERING
Available in80W,100W,120W,150W, 200WConFigurations	High Chip Density for Increased Uniformity	Die Cast Aluminum

ORDERING INFORMATION

| SERIES	WATTS	CCT	OPTICS	INPUT PWR	Protection	Housing Material	DIMMING	FIELDS APPLICATION
Sapphire I	80W 100W 120W 150W 200W	3000K 4000K 5000K 5700K	60° 90° 120°	120-277/ 277-480 VAC	IP69K	Die Cast Aluminum	0-10V Optional	Warehouse Cold storage Retail areas Production and assembly halls Food processing plant

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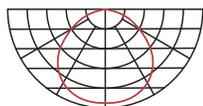- UL, FL & DL Options not DLC QPL Listed
- CM Mounting Standard

OPTICS
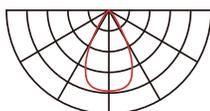
60°
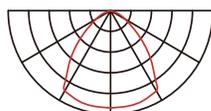
90°

120°

LUMEN CHART

	3000K	4000K	5000K	5700K
80W	10400lm	11200lm	11200lm	11200lm
100W	13000lm	14000lm	14000lm	14000lm
120W	15600lm	16800lm	16800lm	16800lm
150W	19500lm	21000lm	21000lm	21000lm
200W	26000lm	28000lm	28000lm	28000lm

Sapphire I
INDUSTRIAL LIGHTING

SPECIFICATIONS

Expected Life | Over 50,000 hrs.

Rating | IP69K

Color Rendering Index (CRI) | >80

Operating Temp | -30°C – +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

DIMMING | Dimmable 0-10V Optional

LED Efficiency

  - 3000K, 130 lm/w

  - 4000K, 140 lm/w

  - 5000K, 140 lm/w

  - 5700K, 140 lm/w

Surge Protector | 10kV

WARRANTIES

Housing | 5-Year

LED | 5-Year

Driver | 5-Year

MATERIALS

Housing | Die Cast Aluminum
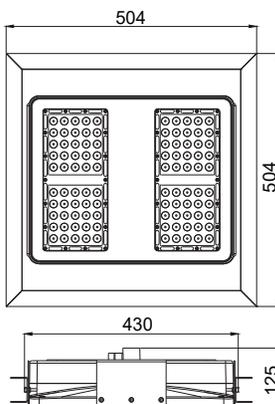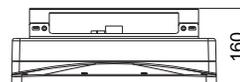
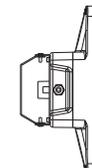A380 Alloy ADC12

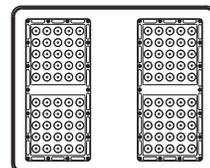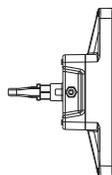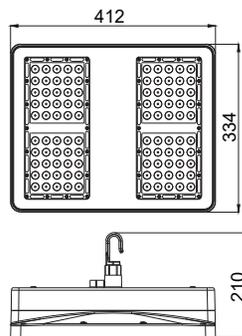**Gasketing |** Neoprene Rubber

Hardware | 18-8 Stainless Steel

Finish | Protective UV Stabilized Powdercoat

4000 Hour Salt Spray Tested to ASTM B117

Lens | PC.4mm Thick

PRODUCT DRAWINGS