



LED LIGHTING CATALOG



ENGINEERED LIGHTING SOLUTIONS

Vision X lighting fixtures are not merely lighting systems, they are engineered lighting solutions. They provide increased efficiency, increased safety, decreased environmental impact, and decreased costs. Vision X LED lights offer a large increase in energy efficiency over older technologies while also increasing the safety and productivity of the working environment by outputting 80% more light than the fixtures used previously.









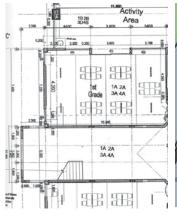












3D MODEL

2D BLUEPRINT

Vision X Lighting begins each project with a customer provided list of machines to be retrofitted, then gathers the technical information for those machines.

A 3D model is built to the customer's specifications, then carried over into the rendering.

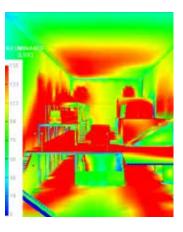






SIMULATION RENDER

A simulation rendering ensures the final product will meet the customer's lighting requirements.



SOLUTION

Vision X Lighting creates a complete breakdown of the customer's specific needs to meet their safety requirements.







500-Watt Metal Halide LED Replacement Battery Backup Options Available



Number of Fixtures : Canopy Specific Location : Canopy Beam Pattern : **180° Ultra-Wide Flood** Part # : **LSG0225180FC**

NOTES:





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Project Name: Date: Type:

Application

Designed to outshine and outlast the competition, the Junction Box fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the Junction Box fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS FUEL CANOPY KIT

Mechanical Information:

| Fixture Weight: | 8 lbs (3.8kg) |
|-----------------------------------------|----------------------|
| Shipping Weight: | 10 lbs (4.5kg) |
| Mounting/ Entries: (See Accessories) | (6) 3/4" NPT - SIDES |

Electric Specifications:

| Operating Voltage: | 90 - 305VAC 127 - 431VDC |
|--------------------|------------------------------------------------------------------------------------------|
| Lumens: | 6000-7000 lm |
| Wattage: | 50W |
| Operating Temp: | -40°C - 60°C |
| THD: | <20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC) |
| Power Factor: | $\geq 0.98/115$ VAC $\geq 0.95/230$ VAC $\geq 0.92/277$ VAC |
| Short Circuit: | Constant Current Limiting, Recovers Automatically After Fault Condition is Removed |
| Frequency: | 47-63Hz |
| Vibration: | 15.6Grms |

Construction:

| Housing: | Die-Cast 6061 Aluminum |
|----------|------------------------|
| Finish: | Gloss Grey |
| Lens: | Polycarbonate Lens |

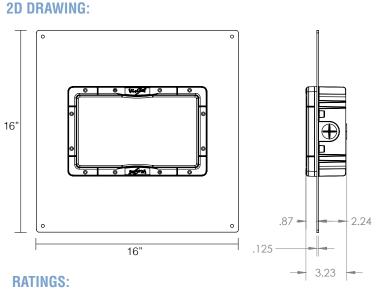
LED Light Engine / Driver

| LED: | MHB-B(CREE) |
|-----------|----------------------------------------------------|
| Amp Draw: | 0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC |
| Lifespan: | 50,000 hr |



180° Ultra-Wide Flood

LSG0225180FC



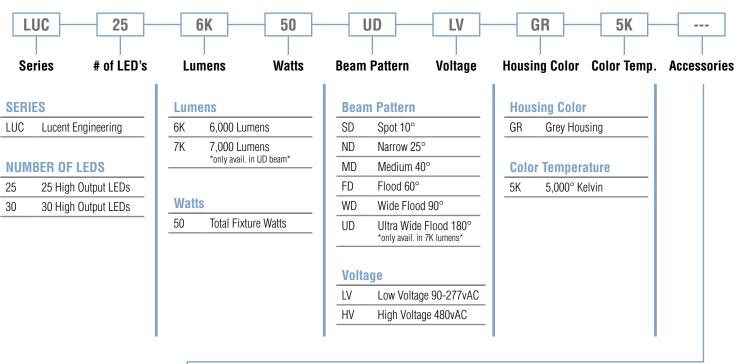
| EMC Emission: | Compliance to EN55022,EN61000-3-2 Class A ,EN61000-3-3 |
|---------------------|----------------------------------------------------------------------------------------------------|
| EMC Immunity: | Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A |
| UL 1598A Marine: | 0 |
| Ingress Protection: | IP-68, IP69k |



ORDERING NUMBER LOGIC

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Ordering Example: LUC-25-6K-50-UD-LV-GR-5K



| PH1 | Dual Bracket for P&H Shovel |
|--------|--------------------------------------------------|
| WP | Wall Pack Mount |
| CHM2 | 2" ID Cobra Head Slipfitter Mount |
| CHM2.5 | 2.5" ID Cobra Head Slipfitter Mount |
| СНМЗ | 3" ID Cobra Head Slipfitter Mount |
| PM | Pedant Mount Hook |
| SW34 | 3/4" Adjustable Swivel |
| S2 | 2" ID Universal Slipfitter Mount |
| S2.5 | 2.5" ID Universal Slipfitter Mount |
| S3 | 3" ID Universal Slipfitter Mount |
| OCY | Occupancy Sensor |
| DTD | Dusk to Dawn Sensor |
| YTL | 277VAC Twist Lock Plug 6.6'/2M Whip Yellow |
| YSL | 277VAC Twist Lock Plug 6.6'/2M Whip Black |
| BTL | 120VAC Plug 6.6'/2M Whip Yellow |
| BSL | 120VAC Plug 6.6'/2M Whip Black |
| PC2M | 3P Female Quick Connect 2M |
| QC34 | 3P Male Quick Connect 2M |
| YBC1M | Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors |
| BBC1M | Bulk Cable Black PVC Jacket 3x16 AWG Conductors |









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