

**FEATURES & SPECIFICATIONS**

LumiDas Linear Highbay is a linear type bay light which can be used for various places such as industrial sites, warehouses, etc. It can replace T5HO 54W with 2 lights to 8 lights. And it is an eco-friendly luminaire which can reduce the amount of electricity used dramatically. LumiDas Linear Highbay can provide various beam angles with accessories which can offer the optimized lighting conditions. It has various installation options such as chain hanger, pendant, rod, and surface mount type and also various accessories and options such as wire guard, plate cover, emergency backup pack, occupancy sensor, which can cover a large area, daylight sensor, etc.

**Construction**

The frame is made of heavy gauge steel which is white powder coated for durability to withstand rough handling. Natural convection cooling system with vent hole in PSU case. The clear (frosted) cover is assembled in the manner of sliding after separating side block parts from the main frame without tools. It is possible for easy maintenance. Up light modules can be assembled in the main frame back surface. Sensor can be installed in the center and on both sides.

- ※ 120W, 160W, 240W, 320W are basically equipped with Clear Cover.
- ※ 80W, 200W are not basically equipped with Clear Cover.

**Performance**

Lumen Output : Basic 12,000lm / 18,000lm / 24,000lm / 30,000lm  
Option 36,000lm / 48,000lm

Efficacy : 150lm/W  
CCT : (3500K) / 4000K / 5000K  
CRI : Minimum 80  
Weight : Max 8.2lb/3.7kg

**Electrical**

Integral, High Efficiency Driver  
Input Voltage Basic 120-277V(50/60Hz) , Option 347-480V(50/60Hz)  
Power Factor > 0.9  
Standard 1-10V dimming  
Surge Protection : 3kV

**Environmental**

Operating Temperature : -13°F to +104 °F (-25°C to +40°C)  
Operation Humidity : 5 to 95%

**Installation**

The SCLH series is suited for suspension mounting with chain hanger. Pipe, rod, and surface mounting is also available with fix bracket.

**Compliances**

cULus listed  
Meets FCC Part 15 standards  
Design Lights Consortium™(DLC) qualified

**Warranty**

Five year limited warranty  
Minimum 50,000 hours lifetime

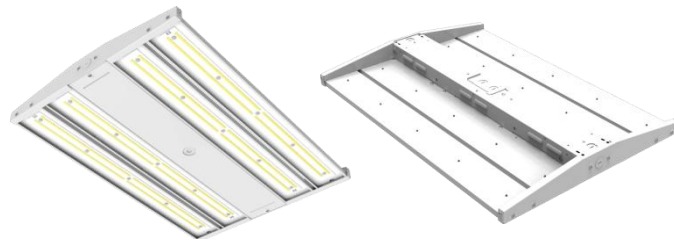


**[Basic Model]**



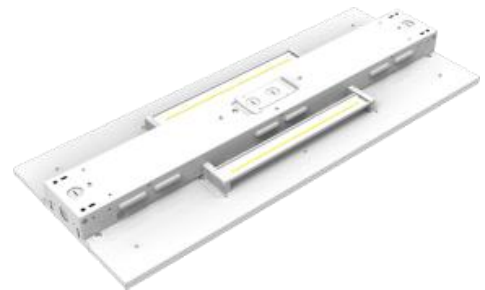
[Lumen Output : 12,000lm/18,000lm/24,000lm/30,000lm]

**[Extended Model]**



[Lumen Output : 36,000lm/48,000lm]

**[Up-Light Model]**



**ORDERING INFORMATION**

Example : SCLH160-UM-24-ND-S

Model Name	Power Consumption	Input Voltage	LED Lumen Output	CCT	Distribution	Sensor
<b>SCLH</b>	<b>80</b> : 80W	<b>UM</b> : 120-277V	<b>12</b> : 12000lm	<b>Y</b> : 3500K #1	<b>D</b> : Diffused(115°)	<b>S</b> : Sensor
Industrial	<b>120</b> : 120W	<b>CH</b> : 347-480V	<b>18</b> : 18000lm	<b>N</b> : 4000K		
Compact	<b>160</b> : 160W		<b>24</b> : 24000lm	<b>D</b> : 5000K		
Linear	<b>200</b> : 200W		<b>30</b> : 30000lm			
Highbay	<b>240</b> : 240W		<b>36</b> : 36000lm #1			
	<b>320</b> : 320W		<b>48</b> : 48000lm #1			

- Ta 25°C, 5000K criteria.

- #1 : These products will be launched after mass production of the Basic model

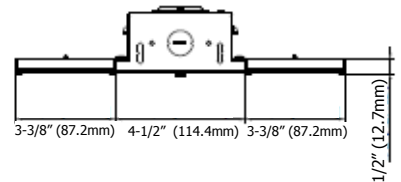
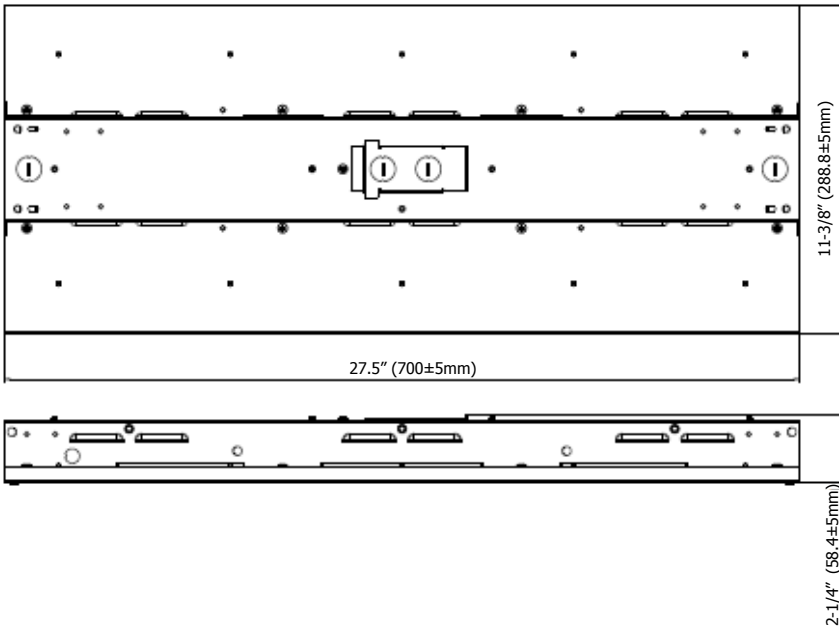
- Lead times will vary depending on order volumes and options selected. Consult with your sales representative.

**Accessories**

- ACC-SCLH-CHC-01** : Chain Hanger (V-Hook 2ea, Chain 36", 2ea)
- ACC-SCLH-PMC-01** : Pendant Mount (Pendant Bracket 1ea, Side Cover – Pendant 2ea)
- ACC-SCLH-RMC-01** : Rod Mount (Pendant Bracket 2ea, Guide Bracket 2ea)
- ACC-SCLH-CCP-01** : Clear Cover (2ea, 80W/ 200W Option parts)
- ACC-SCLH-FCP-01** : Frosted Cover (2ea)
- ACC-SCLH-PCP-01** : Prismatic Cover (2ea)
- ACC-SCLH-WGP-01** : Wire Guard (Wire Guard 1ea, Protection Wire 2ea)
- ACC-SCLH-EBP-01** : Emergency Battery Backup (EMB SUB Ass’y 1ea, 80W, 200W only)
- ACC-SCLH-PEC-01** : Pendant Mount Emergency Battery Backup  
(EMB SUB Ass’y 1ea, Pendant Bracket 1ea, Side Cover – EMB 2ea 80W, 200W only)
- ACC-SCLH-SMC-01** : Surface Mount (Pendant Bracket 1ea, Guide Bracket 1ea)
- ACC-SCLH-UPP-01** : Up\_Light (Up\_Light Engine 2ea)

**DIMENSION**

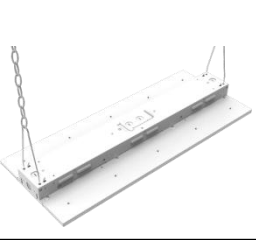
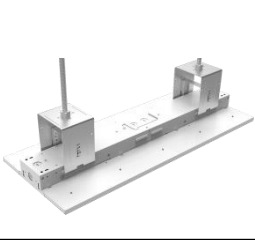

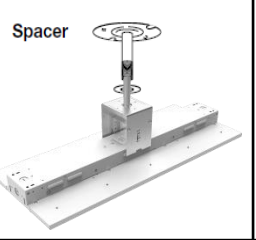





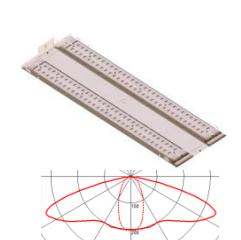
All dimensions are in inches (millimeters) unless otherwise indicated.  
 Dimensions may vary with options or accessories  
 Weight : Max 8.2lb/3.7kg



All dimensions are millimeters  
 Unless otherwise indicated



**Installation structure and ACCESSORIES**

Installation structure				
Chain Hanger	Rod Mount (1 <sup>st</sup> generation common parts)	Surface Mount (1 <sup>st</sup> generation common parts)	Pipe Mount	Pendant Mount (Emergency)
			Spacer 	
V Hanger + Chain	Rod Bracket + Conduit Cable	Ceiling + Rod Bracket	Pipe BKT, Side BKT + Spacer	Pendant Bracket + Emergency Case
Accessories				
Common Platform	Cover	Wire Guard	UP Light	Aisle Lens <sup>#1</sup>
				
Open type	Frosted Cover Clear Cover Prismatic Cover	Wire Guard + Safety wire	Bottom 80% + Top 20%	Ultra wide angle (60x150°)

- #1 : This product will be developed, If requested.