

GLLUSA

75 Marine Street, Farmingdale, NY 11735
 516-280-2854 / Service@GLLUSA.com
 www.GLLUSA.com

Project:	
Date:	
Note:	

SIMPLY RELIABLE

LED LINEAR HIGHBAY TR08 SERIES



DESCRIPTION

- High luminous efficacy 130lm/W
- High quality non-isolated driver; 1-10V dimming; Flicker free
- PF≥0.90, driver efficiency≥87%; THD≤20%
- Installation: chain mounting
- Suitable for dry/damp location
- Designed for warehouses, gymnasiums, and industrial spaces
- Five years warranty

APPLICATIONS

- Warehouses
- Distribution centers
- Manufacturing facilities
- Gymnasiums
- Other industrial applications

SPECIFICATIONS		TR08-110W-2FT-40K-PDN	TR08-110W-2FT-50K-PDN
Ordering	Brand	Builders Pack	Builders Pack
	SKU	57-31101-40	57-31101-50
Photometric	Color Temp. [CCT]	4000K	5000K
	Lumens [lm]	13437 lm	13525.4 lm
	Efficacy [lm/W]	131.09 lm/W	131.955 lm/W
	SDCM	≤6	
	Render Index [Ra]	≥80	
	R9	≥0	
	Duv	≤0.006	
Electrical	Beam Angle	120°	
	Rated Voltage	AC 120-277V	
	Frequency	50/60Hz	
	Lamp Wattage	110W	
	Lamp Current	1100mA	
Lifetime [at 120-227V]	Power Factor	≥0.9	
	L70 Lumen Maintenance Life [Hours]	≥50000	
	L90 Lumen Maintenance Life [Hours]	≥36000	
	Warranty [Years]	5	
Technical Requirements	Certifications	UL DLC FCC RoHS CE	
	THD	≤20%	
	Ripple Current	≤5%	
	Frequency of LED Current	≥120Hz	
	Flicker	No Flicker	
	Electrostatic Discharge [ESD]	4KV Contact Discharge / 8KV Air Discharge	

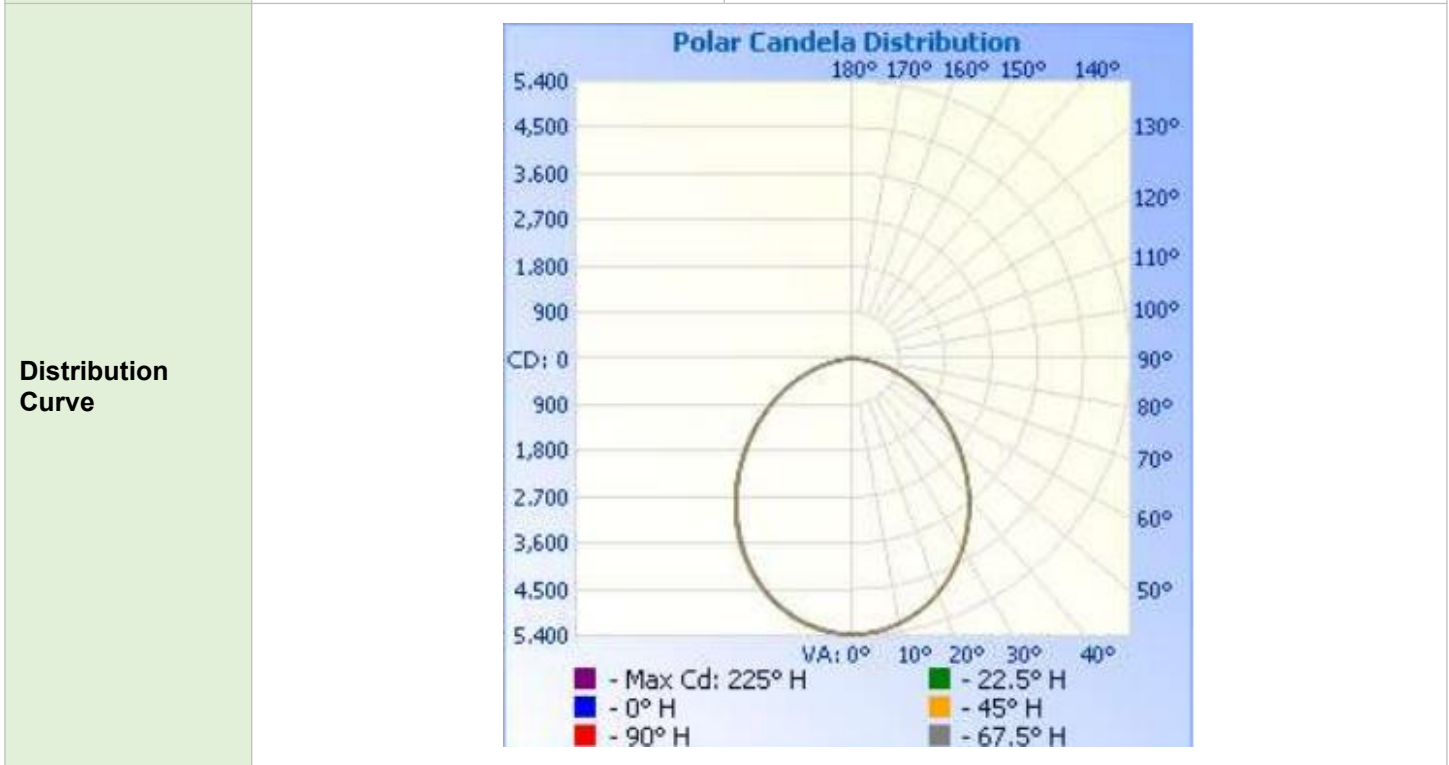
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	Surge Protection	2KV
	Dimming	1-10V
	Sensor	Optional
	Emergency Power	Optional
	Ingress Protection [IP]	IP20
	Noise	N/A
Operation and information	Start Time	≤1S
	Operating Temp.	-4°F ~ +113°F
	Storage Temp.	-22°F ~ +149°F
	Housing/Case [Color, Material]	Steel
	Optical -Lens [Material]	PC
	Mounting / Installation	Chain Installation
Size/Weight	Environment	Indoor / Suitable for Damp Location
	Product Size [LWH]	23.83" x 9.60" x 1.97"
	Product Net Weight	7.85 lbs



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Distance Curve	<p>Illuminance at a Distance</p> <table border="1"> <thead> <tr> <th></th> <th>Center Beam fc</th> <th colspan="2">Beam Width</th> </tr> </thead> <tbody> <tr> <td>3.3ft</td> <td>492.8 fc</td> <td>8.0 ft</td> <td>7.8 ft</td> </tr> <tr> <td>6.6ft</td> <td>123.2 fc</td> <td>15.9 ft</td> <td>15.7 ft</td> </tr> <tr> <td>9.9ft</td> <td>54.8 fc</td> <td>23.9 ft</td> <td>23.5 ft</td> </tr> <tr> <td>13.2ft</td> <td>30.8 fc</td> <td>31.8 ft</td> <td>31.3 ft</td> </tr> <tr> <td>16.5ft</td> <td>19.7 fc</td> <td>39.8 ft</td> <td>39.2 ft</td> </tr> <tr> <td>19.8ft</td> <td>13.7 fc</td> <td>47.8 ft</td> <td>47.0 ft</td> </tr> </tbody> </table> <p> ■ Vert. Spread: 100.7° ■ Horiz. Spread: 99.8° </p>			Center Beam fc	Beam Width		3.3ft	492.8 fc	8.0 ft	7.8 ft	6.6ft	123.2 fc	15.9 ft	15.7 ft	9.9ft	54.8 fc	23.9 ft	23.5 ft	13.2ft	30.8 fc	31.8 ft	31.3 ft	16.5ft	19.7 fc	39.8 ft	39.2 ft	19.8ft	13.7 fc	47.8 ft	47.0 ft
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Shipping	Master Carton Size	25.98" x 14.20" x 12.99"																												
	Pcs / Carton	4pcs																												
	Gross Weight	36.26 lbs																												
	Pcs / Pallet	144pcs																												
	Pcs / 20' GP	1376pcs (No Pallet) 1272pcs (Palletized)																												
	Pcs / 40' GP	2752pcs (No Pallet) 2600pcs (Palletized)																												
	Pcs / 40' HQ	3468pcs (No Pallet) 3264pcs (Palletized)																												
	Pcs / 45' HQ	3724pcs (No Pallet) 3620pcs (Palletized)																												

*Package specifications are subject to change without notice.

LAMP CODE DEFINITIONS

Category	Wattage	Size	CCT	DLC Grade	Dimmable	Sensor
TR08 = Linear High Bay	110W	2FT	4000K 5000K	P = Premium	D = 1-10V	N = No Sensor

ACCESSORIES

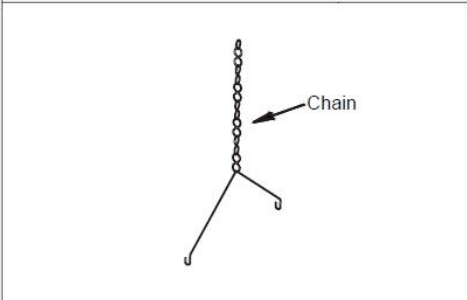
SKU	Description	Image
79-92016	LED Emergency Power Supply 20W	
57-31116-A	Microwave Sensor	
57-31117-A	Wire Guard for 80w/110w	

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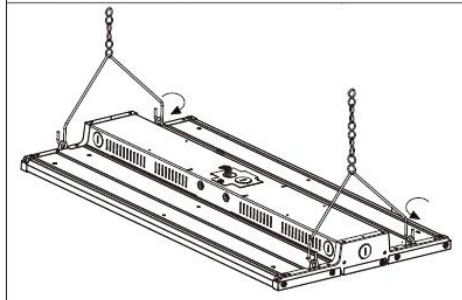
INSTALLATION DIAGRAM

CHAIN INSTALLATION

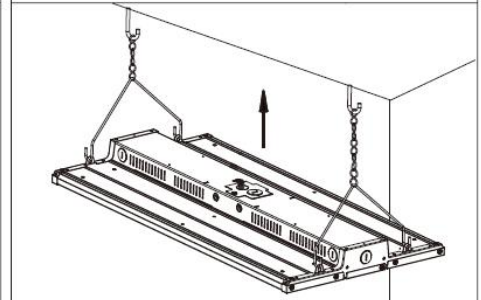
1. Hook the chain as below pic.



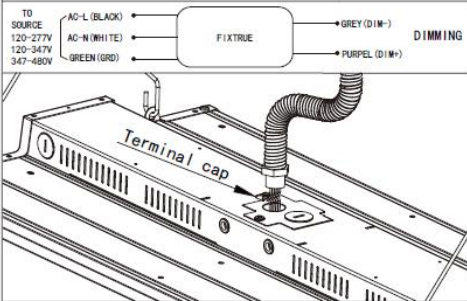
2. Insert the hook into the slotted holes, as shown below.



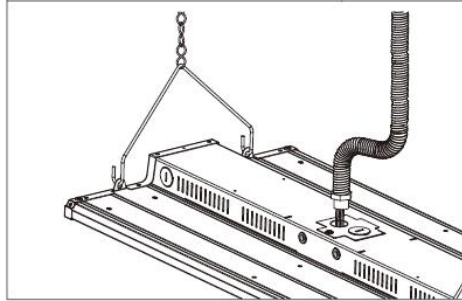
3. Hook up the chain on the ceiling anchor.



4. Turn off power, and make wiring connections with terminal cap (see wiring instruction below).



5. Insert the terminal cap and wires into the driver box.



6. Insert the wire terminal joint to the wire entry. Installation completed.

