



LINEAR HIGH BAY ST59 SERIES



DESCRIPTION:

- High luminous efficacy 140lm/w;
- High quality non-isolated driver; 1-10V dimming; Flicker.
- PF >0.90, driver efficiency >87%; THD<20%
- LED Linear high bay lighting is a popular choice in warehouse lighting.
- They are easy to hang with two gibber cables and easy to connect with the junction box right on back.
- Popular for their wide light distribution, they are a great choice for going LED and saving energy.

APPLICATIONS:

- Designed for warehouses, gymnasiums, and industrial spaces;

SPECIFICATIONS

SKU	Model	Wattage	Size	CCT	Efficacy	Lumens	Input Current
25-31201-xx	ST36-LHB-12-7110-8XX-B	110W	1x2'	4000K	140 LPW	15400 lm	Max. 1.10A
				5000K			
25-31202-xx	ST36-LHB-12-7165-8XX-B	165W		4000K		23100 lm	Max. 1.65A
				5000K			
25-31203-xx	ST36-LHB-14-7225-8XX-B	225W	1x4'	4000K		31500 lm	Max. 2.25A
				5000K			
25-31206-xx	ST36-LHB-14-7320-8XX-B	320W		4000K		44800 lm	Max. 3.20A
				5000K			

Photomeritc

CRI	SDCM	R9	Duv	Beam Angle
≥80	≤4	≥0	≤0.006	90°

Electrical

Frequency	Voltage	Power Factor
50/60Hz	AC 120-277V	≥0.90

Lifetime [at 120-227V]

L70 Lumen Maintenance Life [Hour]	L90 Lumen Maintenance Life [Hour]	Warranty [Years]
≥50000	≥36000	5

Technical Requirements

Certifications	UL I CE I FCC I RoHS
THD	≤20%
Ripple Current	≤5%
Frequency of LED Current	≥120Hz
Flicker	Flicker
Electrostatic Discharge [ESD]	4KV Contact discharge / 8KV Air discharge
Surge Protection	4KV
Dimming	1-10V
Sensor	Optional
Emergency Power	Optional
IP Degree	IP20

Operation and Information

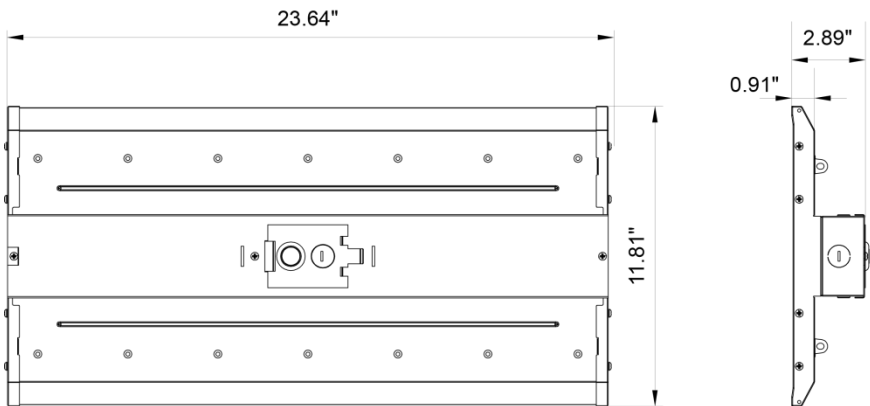
Start Time	≤1 S
Operating Temp.	-4°F ~+113°F
Storage Temp.	-22°F ~+149°F
Housing / Case [Color, Material]	White, Steel
Optical - Lens [Material]	PC
Mounting / Installation	Pendant Mount / Surface Mount
Environment	Indoor / Suitable for damp location

LAMP CODE DEFINITIONS

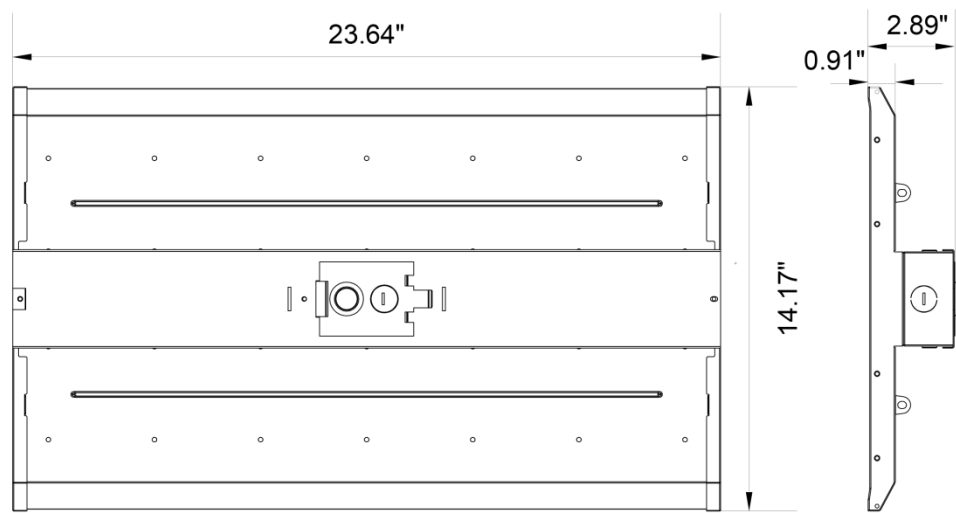
Internal Use	Product Code	Size	Wattage	CCT	Version
ST36	LHB	12 = 1x2'	110W	8XX = 4000K, 4500K, 5000K, 5700K	B
			165W		
		14 = 1x4'	225W		
			320W		

DIMENSIONS

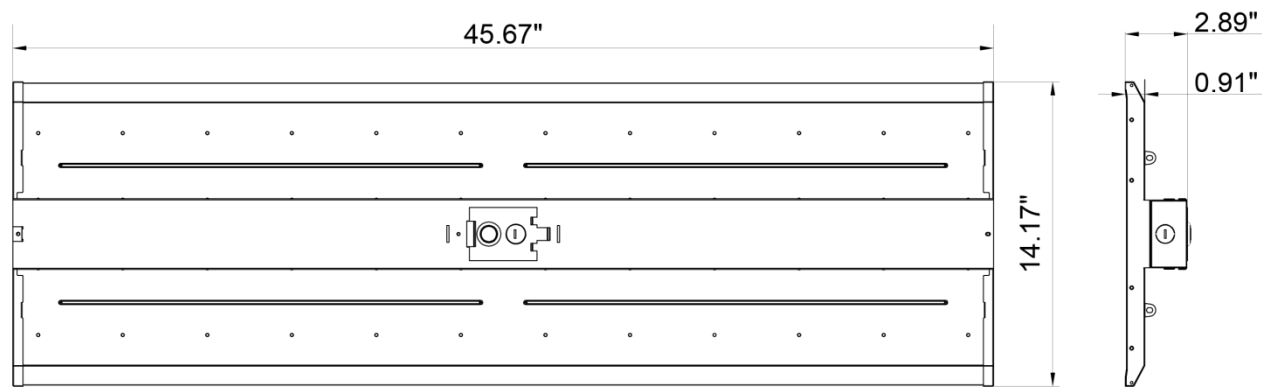
1x2' 110W / 165W



1x2' 225W



1x4' 320W



Product Size	Wattage	Long (L)	Wide (W)	High (H)	Net Weight
1x2'	110W	23.64"	11.81"	2.89"	13.44 lbs
	165W	23.64"	11.81"	2.89"	13.67 lbs
1x4'	225W	23.64"	14.17"	2.89"	17.22 lbs
	320W	45.67"	14.17"	2.89"	29.28 lbs

PACKAGE

Product Size	Wattage	Pcs / Carton	Master Carton Size	Gross Weight	Pcs / Pallet
1x2'	110W	2 pcs	25.39" x 9.06" x 14.17"	15.03 lbs	72 pcs
	165W	2 pcs		15.43 lbs	72 pcs
	225W	2 pcs	25.39" x 9.06" x 16.93"	19.84 lbs	60 pcs
1x4'	320W	2 pcs	47.44" x 9.06" x 16.93"	35.27 lbs	40 pcs

*Package specifications are subject to change without notice

CONTAINER LOADING



20GP Container

110w	1010pcs (No Pallet) 576pcs (Palletized)
165w	
225w	840pcs (No Pallet) 480pcs (Palletized)
320w	450pcs (No Pallet) 320pcs (Palletized)



40GP Container

110w	2090pcs (No Pallet) 1296pcs (Palletized)
165w	
225w	1750pcs (No Pallet) 1080pcs (Palletized)
320w	930pcs (No Pallet) 720pcs (Palletized)



40HQ Container

110w	2500pcs (No Pallet) 1296pcs (Palletized)
165w	
225w	2100pcs (No Pallet) 480pcs (Palletized)
320w	1110pcs (No Pallet) 320pcs (Palletized)

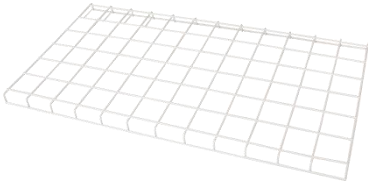
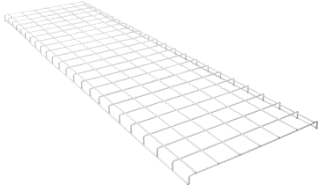
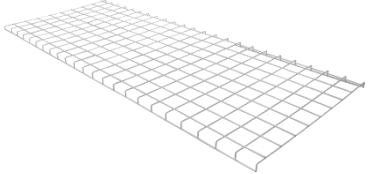


45HQ Container

110w	2800pcs (No Pallet) 1440pcs (Palletized)
165w	
225w	2400pcs (No Pallet) 1200pcs (Palletized)
320w	1280pcs (No Pallet) 800pcs (Palletized)

AVAILABLE OPTIONS

SKU	Description	Image
39-93011-A	PIR Sensor Use for Low Altitude	
39-93013-A	PIR Sensor Use for High Altitude	
39-93017-A	Microwave Sensor Use for Low Altitude	

39-93019-A	Microwave Sensor Use for High Altitude	
37-31175-A	Surface Mount	
	Wire guard use 110/165W	
	Wire guard use 225W	
	Wire guard use 320W	
78-20178-A	Remote Control with Standby Functions and Digital Display	
44-33005-A	Remote Control with Standby Functions	
44-33008-A	Remote control On/Off Only	

58-92057	Emergency Power 15w, for 110w/165w LHB	
58-92058	Emergency Power 20w, for 225w LHB	
58-92059	Emergency Power 25w, for 320w LHB	