

LINEAR HIGH BAY 8S38 SERIES



DESCRIPTION:

- High luminous efficacy 135lm/W.
- High quality non-isolated driver; 1-10V dimming; Flicker free.
- Installation: chain mounting.
- Suitable for dry/damp location.
- Designed for warehouses, gymnasiums, and industrial spaces.
- Five years warranty.

APPLICATIONS:

- Warehouse
- Factory
- Workshops
- Exhibition hall and supermarkets, etc.

SPECIFICATIONS

One piece

SKU	Model	Wattage	Size	CCT	Efficacy	Lumens	Input Current
37-31150-xx	8S38-LHB-12-790-8XX-A	90W	1x2'	4000K	135 LPW	12150 lm	Max. 0.90A
				5000K			
37-31151-xx	8S38-LHB-12-7110-8XX-A	110W		4000K		14850 lm	Max. 1.10A
				5000K			
37-31152-xx	8S38-LHB-12-7135-8XX-A	135W		4000K		18225 lm	Max. 1.35A
				5000K			
37-31153-xx	8S38-LHB-12-165-8XX-A	165W		4000K		22275 lm	Max. 1.65A
				5000K			
37-31155-xx	8S38-LHB-12-7180-8XX-A	180W		4000K		24300 lm	Max. 1.80A
				5000K			
37-31156-xx	8S38-LHB-12-7215-8XX-A	215W		4000K		29025 lm	Max.2.25A
				5000K			
37-31157-xx	8S38-LHB-14-7320-8XX-A	320W	1x4'	4000K	43200 lm	Max. 3.20A	
				5000K			

Two piece

SKU	Model	Wattage	Size	CCT	Efficacy	Lumens	Input Current
37-31165-xx	8S38-LHB-12-7110-8XX-A	110W	1x2'	4000K	135 LPW	14850 lm	Max. 1.10A
				5000K			
37-31166-xx	8S38-LHB-12-165-8XX-A	165W		4000K		22275 lm	Max. 1.65A
				5000K			
37-31167-xx	8S38-LHB-12-7215-8XX-A	215W		4000K		29025 lm	Max.2.25A
				5000K			
37-31168-xx	8S38-LHB-14-7320-8XX-A	320W	1x4'	4000K		43200 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	No 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

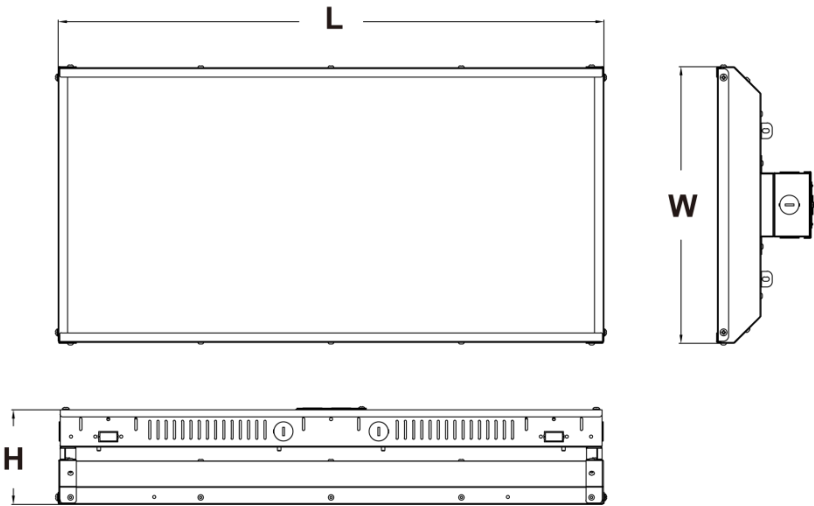
Start Time	≤1 S
Operating Temp.	-4°F ~+113°F
Storage Temp.	-22°F ~+149°F
Housing / Case [Color, Material]	White, Steel
Optical - Lens [Material]	PC
Mounting / Installation	Pendant Mount / Surface Mount
Environment	Indoor / Suitable for damp location

LAMP CODE DEFINITIONS

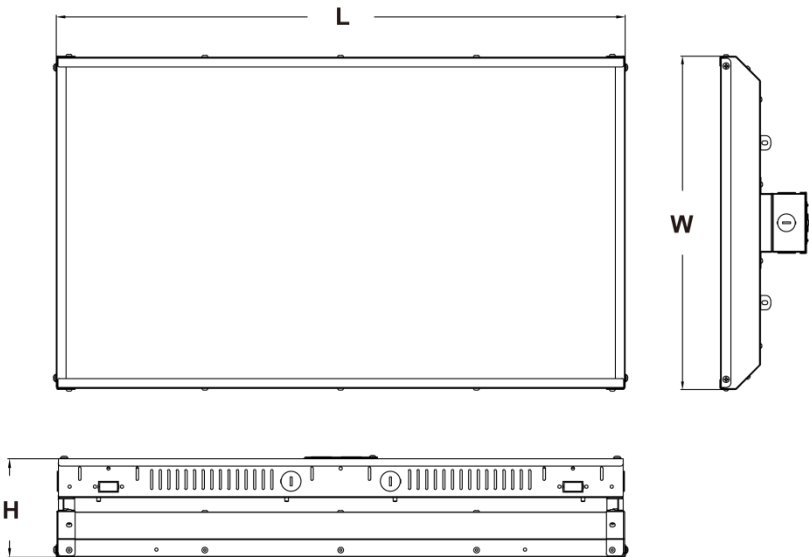
Internal Use	Product Code	Size	Wattage	CCT	Version
8S38	LHB	12 = 1x2'	90W	8XX = 4000K, 4500K, 5000K, 5700K	A
			110W		
			135W		
			165W		
			180W		
			215W		
		14 = 1x4'	320W		

DIMENSIONS

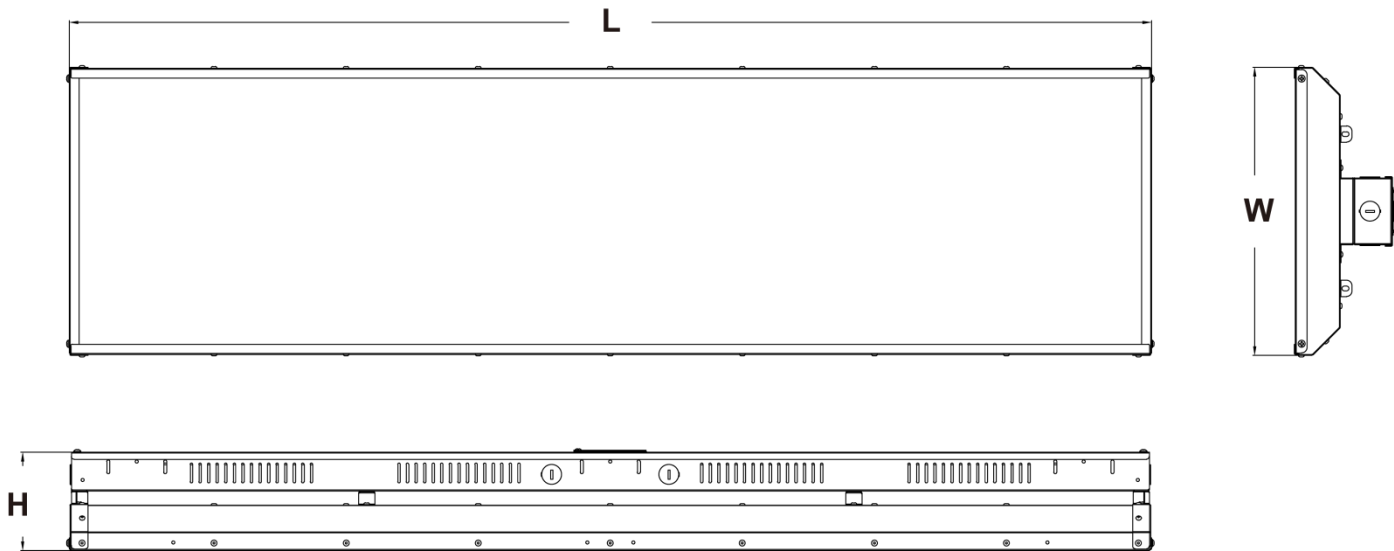
1x2' (90W,110W,135W)



1x2' (165W,180W,215W)



1x4' (320W)



Product Size	Wattage	Long (L)	Wide (W)	High (H)	Net Weight
1x2'	90W,110W	24.80"	12.60"	2.60"	9.48 lbs
	135W	24.80"	12.60"	2.60"	9.92 lbs
	165W,180W	24.80"	16.54"	2.60"	11.90 lbs
	215W	24.80"	16.54"	2.60"	12.35 lbs
1x4'	320W	47.24"	12.60"	2.60"	19.40 lbs

PACKAGE (ONE PIECE)

Product Size	Wattage	Pcs / Carton	Master Carton Size	Gross Weight	Pcs / Pallet
1x2'	90W,110W	1 pcs	28.35" x 14.96" x 6.69"	12.35 lbs	54 pcs
	135W	1 pcs	28.35" x 14.96" x 6.69"	12.79 lbs	54 pcs
	165W,180W	1 pcs	28.35" x 18.90" x 7.09"	15.43 lbs	36 pcs
	215W	1 pcs	28.35" x 18.90" x 7.09"	15.87 lbs	36 pcs
1x4'	320W	1 pcs	50.79" x 14.96" x 6.69"	24.25 lbs	24 pcs

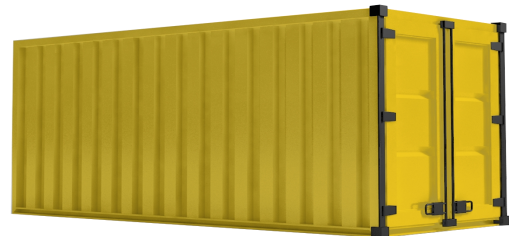
*Package specifications are subject to change without notic

CONTAINER LOADING (ONE PIECE)



20GP Container

90w	602pcs (No Pallet) 540pcs (Palletized)
110w	
135w	
165w	450pcs (No Pallet) 360pcs (Palletized)
180w	
215w	
320w	336pcs (No Pallet) 240pcs (Palletized)



40GP Container

90w	1161pcs (No Pallet) 1080pcs (Palletized)
110w	
135w	
165w	868pcs (No Pallet) 720pcs (Palletized)
180w	
215w	
320w	648pcs (No Pallet) 480pcs (Palletized)



40HQ Container

90w	1462pcs (No Pallet) 1080pcs (Palletized)
110w	
135w	
165w	1093pcs (No Pallet) 720pcs (Palletized)
180w	
215w	
320w	816pcs (No Pallet) 480pcs (Palletized)



45HQ Container

90w	1677pcs (No Pallet) 1296pcs (Palletized)
110w	
135w	
165w	1254pcs (No Pallet) 864pcs (Palletized)
180w	
215w	
320w	936pcs (No Pallet) 576pcs (Palletized)

PACKAGE (TWO PIECE)

Product Size	Wattage	Pcs / Carton	Master Carton Size	Gross Weight	Pcs / Pallet
1x2'	110W	2 pcs	28.35" x 14.17" x 11.22"	22.48 lbs	48 pcs
	165W	2 pcs	28.35" x 14.17" x 11.22"	23.15 lbs	48 pcs
	215W	2 pcs	28.35" x 18.11" x 11.22"	29.10 lbs	32 pcs
1x4'	320W	2 pcs	50.79" x 14.11" x 11.22"	44.53 lbs	28 pcs

*Package specifications are subject to change without notice

CONTAINER LOADING (TWO PIECE)



20GP Container

110w	714pcs (No Pallet) 480pcs (Palletized)
165w/215w	562pcs (No Pallet) 400pcs (Palletized)
320w	400pcs (No Pallet) 280pcs (Palletized)



40GP Container

110w	1378pcs (No Pallet) 960pcs (Palletized)
165w/215w	1084pcs (No Pallet) 800pcs (Palletized)
320w	774pcs (No Pallet) 560pcs (Palletized)



40HQ Container

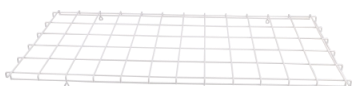
110w	1736pcs (No Pallet) 960pcs (Palletized)
165w/215w	1366pcs (No Pallet) 800pcs (Palletized)
320w	974pcs (No Pallet) 560pcs (Palletized)

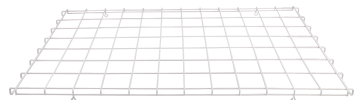
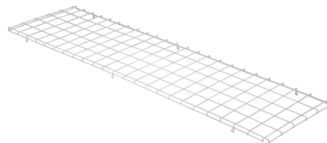


45HQ Container

110w	1990pcs (No Pallet) 1152pcs (Palletized)
165w/215w	1566pcs (No Pallet) 960pcs (Palletized)
320w	1118pcs (No Pallet) 672pcs (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	
37-31158-A	Suspension Wire	
37-31159-A	Surface Mount 1#	
37-31160-A	Surface Mount 2#	
37-31161-A	Wire guard use 90w,110w or 135w Linear High bay	

37-31162-A	Wire guard use 165w,180w or 215w Linear High bay	
37-31163-A	Wire guard use 320w Linear High bay	
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	
58-92051	LED Emergency Adjust Power 30W	