

LED Luminaires

ProLED Select Linear Highbay Series

- Wattage selectable
- 11 lumen packages covering 9,700-43,000 lumens
- 4000K & 5000K CCT
- 0-10V dimming
- Occupancy sensing
- Emergency battery backup

Specifications



Description

The ProLED Select Linear High Bay Series is a long life and energy efficient replacement for existing linear fluorescent or HID installations. Ideal for highbay mounting heights, the ProLED Select Linear HighBay delivers instant-on capabilities, uniform illumination, and reduced maintenance costs. Meeting specified lumen levels is simple with ProLED Select wattage selectability. The ProLED Select LHB offers 11 different lumen packages in only 4 SKUs.

Performance

- Base wattages of 110W, 160W, 220W and 320W
- Wattage selectable
- High efficacy at >135LPW
- L70 lumen maintenance > 100,000 hours @ 25° C
- Built in 6kV surge protection
- 5 year limited warranty
- 0-10V dimming
- 120-277V & 347-480V

Construction

- Durable steel housing
- Frosted polycarbonate lens
- Chain and V hook mount

Certifications

- DLC 5.1 Premium
- cULus
- FCC

Controls

- 0-10 VDC dimming standard
- RF bi-level occupancy sensing
- PIR bi-level occupancy sensing

Applications

- Warehousing
- Manufacturing
- Showrooms
- Gymnasiums
- Retail stores

ProLED Select Linear Highbay Series

Product Description

Ordering Logic: Ex: LHB-1-WS-50-U-LVMS

Series	Lumen Package	Wattage	CCT	Voltage	Options
LHB = Linear Highbay	1 = 15,000 Lumens 2 = 21,500 Lumens 3 = 30,000 Lumens 4 = 43,000 Lumens	WS = Wattage Selectable 1 (110W-90W-70W) 2 (160W-135W-110W) 3 (220W-200W-180W) 4 (320W-280W-240W)	40 = 4000K 50 = 5000K	U = 120-277VAC H = 347-480VAC	EM = Battery Backup LVMS = Low Voltage RF Bi-Level Motion Sensor PIRMS = PIR Motion Sensor

Ordering Information

Product SKU	Product Code	Product Description
30280	LHB-1-WS-40-U	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W, 4000K CCT Universal Voltage 120-277VAC
30281	LHB-1-WS-50-U	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W, 5000K CCT Universal Voltage 120-277VAC
30282	LHB-2-WS-40-U	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W, 4000K CCT Universal Voltage 120-277VAC
30283	LHB-2-WS-50-U	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W, 5000K CCT Universal Voltage 120-277VAC
30284	LHB-3-WS-40-U	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W, 4000K CCT Universal Voltage 120-277VAC
30285	LHB-3-WS-50-U	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W, 5000K CCT Universal Voltage 120-277VAC
30286	LHB-4-WS-40-U	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W, 4000K CCT Universal Voltage 120-277VAC
30287	LHB-4-WS-50-U	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W, 5000K CCT Universal Voltage 120-277VAC

Accessories

Product SKU	Product Code	Product Description
30288	LHB-PMA	LHB pendant mounting assembly for wattage selectable LHB
30289	LHB-SMK-1	LHB surface mount kit assembly for wattage selectable LHB1, LHB2, LHB4
30290	LHB-SMK-2	LHB surface mount kit assembly for wattage selectable LHB3
30291	LHB-MWMS	LHB microwave motion control sensor
30292	LHB-MS-RC	LHB microwave motion control sensor remote
99986	LHB/MC	Motion control sensor LSXR 610 HL
99654	LHB1&2-WG	Linear high bay wire guard for LHB1 & LHB2
99655	LHB3-WG	Linear high bay wire guard for LHB3
99656	LHB4-WG	Linear high bay wire guard for LHB4

ProLED Select Linear Highbay Series

Specifications Table

	LHB-1-WS-XX-U	LHB-2-WS-XX-U	LHB-3-WS-XX-U	LHB-4-WS-XX-U
Selectable Wattage	70W-90W-110W	110W-135W-160W	180W-200W-220W	240W-280W-320W
Lumens	9,730-14,850	15,290-21,600	24,840-29,920	33,120-43,200
CCT	4000K & 5000K	4000K & 5000K	4000K & 5000K	4000K & 5000K
HID Replacement	250W MH	400W MH	600W MH	1000W MH
Amperage	120VAC(.92A) 277VAC(.40A)	120VAC(1.33A) 277VAC(.58A)	120VAC(1.83A) 277VAC(.79A)	120VAC(2.67A) 277VAC(1.15A)
CRI	>80 CRI			
L70 Lifetime (Hrs)	>100,000Hrs at 25°C			
Voltage	Universal 120-277VAC & High Voltage 347-480VAC			
Power Factor	>.90			
Dimming	0-10VDC Dimming			
Surge Protection	6kV			
Housing	Steel Housing			
Lens	Polycarbonate Frosted Lens			
Op. Temperature	-40°C to 55°C			
Listings	cULus, DLC Premium, FCC			
Environment	UL listed for Damp Location			
Weight	5.3lbs.	5.5lbs.	6.5lbs.	9.3lbs.
Warranty	5 Years Standard			

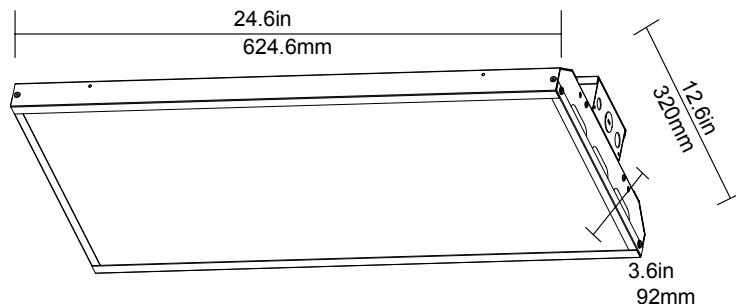
Performance Table

Model Number	Nominal Wattage	CRI	4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy
LHB-1-WS-XX-U	70	80	9730	139	9800	140
	90	80	12240	136	12330	137
	110	80	14652	133.2	14850	135
LHB-2-WS-XX-U	110	80	15290	139	15400	140
	135	80	18360	136	18495	137
	160	80	21360	133.5	21600	135
LHB-3-WS-XX-U	180	80	24840	138	25200	140
	200	80	27200	136	27600	138
	220	80	29634	134.7	29920	136
LHB-4-WS-XX-U	240	80	33120	138	33600	140
	280	80	37800	135	38360	137
	320	80	42848	133.9	43200	135

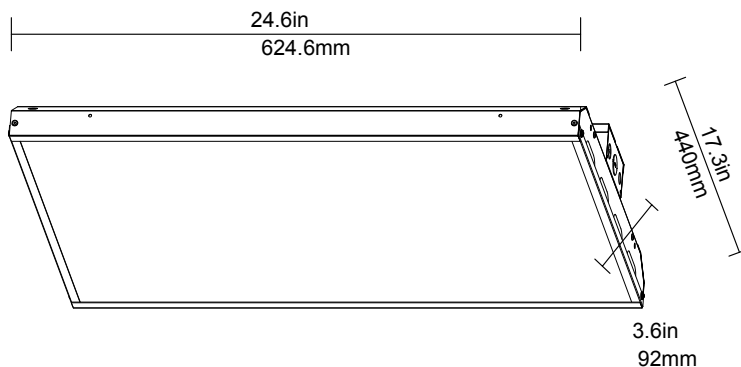
ProLED Select Linear Highbay Series

Dimensions

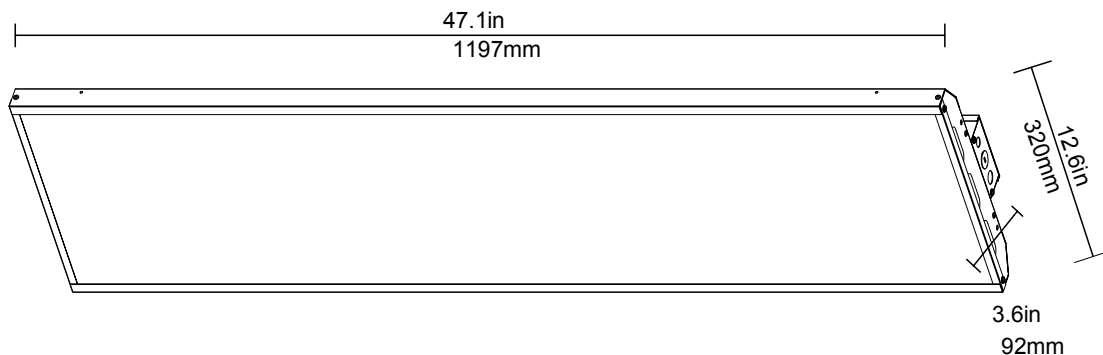
LHB1 & LHB2 Housing Dimensions



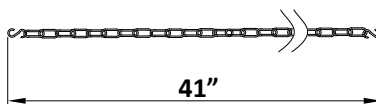
LHB3 Housing Dimensions



LHB4 Housing Dimensions



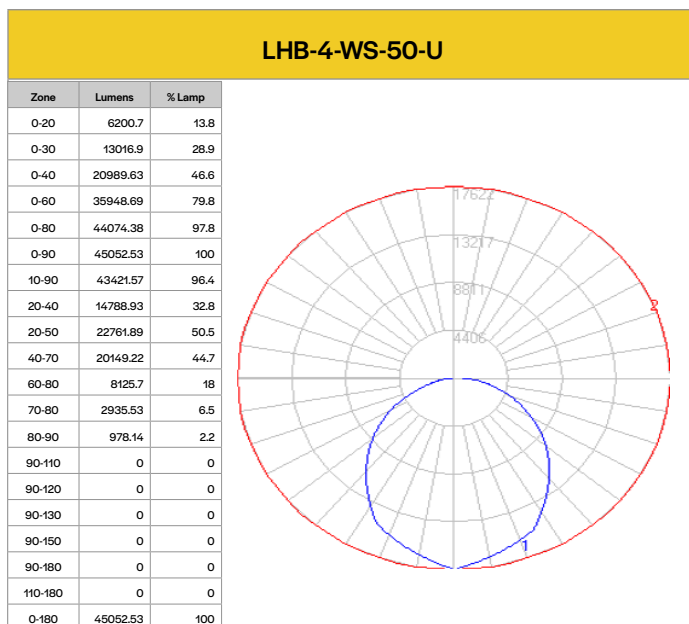
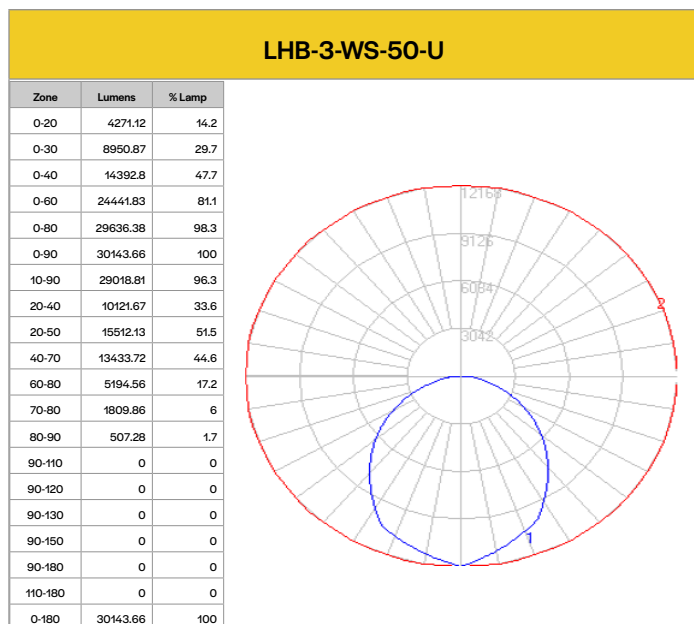
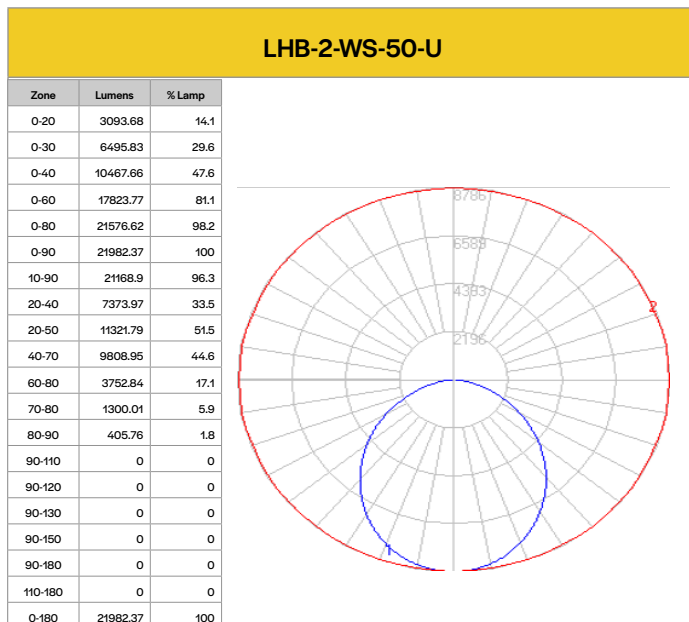
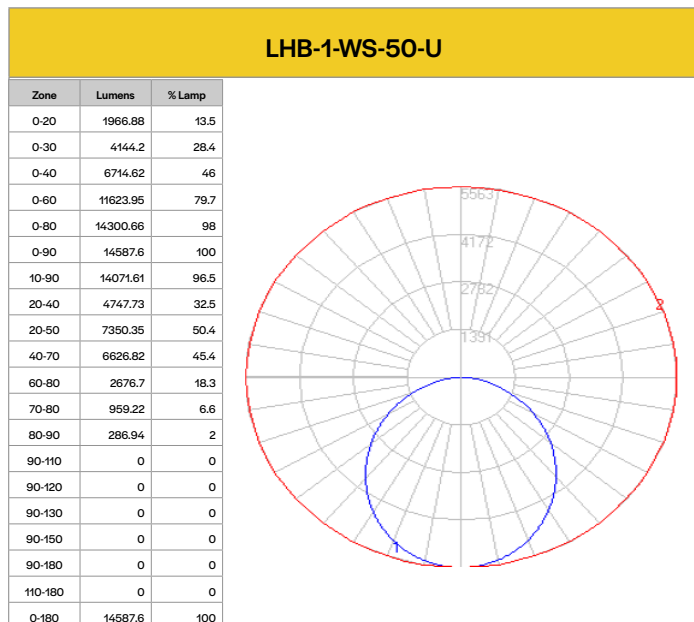
Chain



ProLED Select Linear Highbay Series

Photometrics

*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 5000K. For complete photometry/IES files, please contact the factory.



ProLED Select Linear Highbay Series

Made-to-Order SKU's

	Product SKU	Product Code	Product Description
Battery Backup	22150	LHB-1-WS-40-U-EM	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W, 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22151	LHB-1-WS-50-U-EM	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W, 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22152	LHB-2-WS-40-U-EM	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W, 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22153	LHB-2-WS-50-U-EM	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W, 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22154	LHB-3-WS-40-U-EM	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W, 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22155	LHB-3-WS-50-U-EM	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W, 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22156	LHB-4-WS-40-U-EM	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W, 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
	22157	LHB-4-WS-50-U-EM	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W, 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup
LVMS	22158	LHB-1-WS-40-U-LVMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 4000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22159	LHB-1-WS-50-U-LVMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 5000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22160	LHB-2-WS-40-U-LVMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110 4000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22161	LHB-2-WS-50-U-LVMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 5000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22162	LHB-3-WS-40-U-LVMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 4000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22163	LHB-3-WS-50-U-LVMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 5000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22164	LHB-4-WS-40-U-LVMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 4000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
	22165	LHB-4-WS-50-U-LVMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 5000K CCT Universal Voltage 120-277VAC with Low Voltage RF Motion Sensing
PIRMS	22166	LHB-1-WS-40-U-PIRMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 4000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22167	LHB-1-WS-50-U-PIRMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 5000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22168	LHB-2-WS-40-U-PIRMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 4000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22169	LHB-2-WS-50-U-PIRMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 5000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22170	LHB-3-WS-40-U-PIRMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 4000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22171	LHB-3-WS-50-U-PIRMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 5000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22172	LHB-4-WS-40-U-PIRMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 4000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing
	22173	LHB-4-WS-50-U-PIRMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 5000K CCT Universal Voltage 120-277VAC with PIR Motion Sensing

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Made-to-Order SKU's

	Product SKU	Product Code	Product Description
LVMS & Battery Backup	22174	LHB-1-WS-40-U-EM-LVMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22175	LHB-1-WS-50-U-EM-LVMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22176	LHB-2-WS-40-U-EM-LVMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22177	LHB-2-WS-50-U-EM-LVMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22178	LHB-3-WS-40-U-EM-LVMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22179	LHB-3-WS-50-U-EM-LVMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22180	LHB-4-WS-40-U-EM-LVMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
	22181	LHB-4-WS-50-U-EM-LVMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and Low Voltage RF Motion Sensing
PIRMS & Battery Backup	22182	LHB-1-WS-40-U-EM-PIRMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22183	LHB-1-WS-50-U-EM-PIRMS	ProLED Select Linear Highbay 110 Watt, Wattage Selectable 110W 90W 70W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22184	LHB-2-WS-40-U-EM-PIRMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22185	LHB-2-WS-50-U-EM-PIRMS	ProLED Select Linear Highbay 160 Watt, Wattage Selectable 160W 135W 110W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22186	LHB-3-WS-40-U-EM-PIRMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22187	LHB-3-WS-50-U-EM-PIRMS	ProLED Select Linear Highbay 220 Watt, Wattage Selectable 220W 200W 180W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22188	LHB-4-WS-40-U-EM-PIRMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 4000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing
	22189	LHB-4-WS-50-U-EM-PIRMS	ProLED Select Linear Highbay 320 Watt, Wattage Selectable 320W 280W 240W 5000K CCT Universal Voltage 120-277VAC with Emergency Battery Backup and PIR Motion Sensing