

The FHBSR is a field selectable, 0-10V dimming, full-body, premium-performance LED high bay luminaire. It is designed to illuminate a wide variety of settings, including commercial, industrial & retail settings such as warehouses, manufacturing facilities, sporting venues and big-box retailers. With a painted steel housing and polycarbonate lens, the FHBSR provides high levels of durability and performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional high bay fixtures.



project: \_\_\_\_\_

fixture type: \_\_\_\_\_

catalog #: \_\_\_\_\_

quantity: \_\_\_\_\_

ORDERING GUIDE

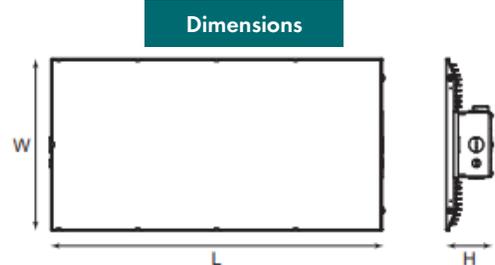
EXAMPLE: FHBSR-604836L-4K5k

<b>FHBSR</b>	-		-	<b>4K5K</b>	-		-		-	
MODEL		Lumen Output Selectable		Kelvin Selectable		Driver Voltage		Lens Distribution <sup>1</sup>		Em Option
FHBSR - Field selectable high bay with 0-10V dimming and polycarbonate lens		<b>181512L</b> - 18,000/15,000/25,000 lms <b>241815L</b> - 24,000/18,000/15,000 lms <b>363024L</b> - 36,000/30,000/24,000 lms <b>604836L</b> - 60,000/48,000/36,000 lms		<b>4K5K</b> - 4000k & 5000K selectable		<b>Blank</b> - 120-277V		<b>Blank</b> - Medium		<b>Blank</b> - No EM <b>EM25</b> - 25W EM installed

Accessories (Ordered Separately)

**Sensors:**  
**HD07VR-PH-1-90**= Passive infrared sensor - maximum mounting height = 39 FT, factory settings: detection area = 100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled  
**HD07VR-MH-B-1-90**= Microwave step-dimming sensor - maximum mounting height = 49 FT, factory settings: detection area = 100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled  
**HD05R** = Remote control for HD07VR-PH-1 & HD07VR-MH-B-1 (required to change factory settings)

**Wire Guard:**  
 FHBSR-WG-181512L = WIRE GUARD FOR FHBSR-WG-181512L  
 FHBSR-WG-241815L = WIRE GUARD FOR FHBSR-WG-241815L  
 FHBSR-WG-363024L = WIRE GUARD FOR FHBSR-WG-363024L  
 FHBSR-WG-604836L = WIRE GUARD FOR FHBSR-WG-604836L  
**Mounting Option:**  
 FHBSR-SMK = SURFACE MOUNT KIT FOR FHBSR- ALL MODELS\*  
 FHBSR-PMK = PENDANT MOUNT KIT FOR FHBSR- ALL MODELS\*  
 CMK-3 = CABLE MOUNT KIT 3 METER- ALL MODELS  
 CMK-5 = CABLE MOUNT KIT 5 METER- ALL MODELS



Model #	L (in)	W (in)	H (in)	Weight (lbs)
FHBSR-181512L-4K5K	13.00	9.50	2.20	3.7
FHBSR-241815L-4K5K	14.20	10.25	2.40	4.5
FHBSR-363024L-4K5K	19.70	10.25	2.60	6.5
FHBSR-604836L-4K5K	30.70	11.00	2.60	9.25

Lumen Data

Prefix: FHBSR

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
FHBSR-181512L-4K5K	Lumens	12,454	12,245	15,387	14,987	18,260	17,662
	Watt	81.57	82.68	103.79	105.72	127.33	130.36
	Efficacy	153	148	148	142	143	135

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
FHBSR-241815L-4K5K	Lumens	15,480	15,446	18,164	17,944	23,772	23,381
	Watt	97.50	98.69	116.37	117.96	158.16	161.41
	Efficacy	159	157	156	152	150	145

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
FHBSR-363024L-4K5K	Lumens	24,204	24,004	29,825	29,339	35,415	34,727
	Watt	151.23	154.24	192.09	196.72	235.36	242.20
	Efficacy	160	156	155	149	150	143

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
FHBSR-604836L-4K5K	Lumens	36,167	36,380	47,698	47,582	59,177	58,715
	Watt	224.7	228.0	305.1	309.5	389.6	397.7
	Efficacy	161	160	156	154	152	148

Photometric Data

Prefix: FHBSR

**FHBSR-181512L-4K5K**

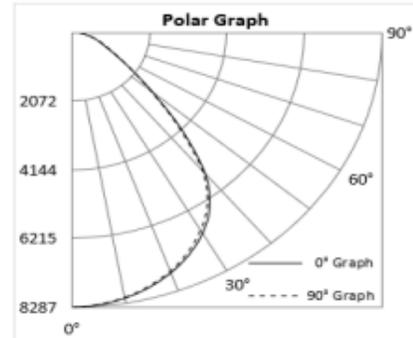
**Luminaire Data**

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	17,662
Input Wattage	130
Efficacy (lm/W)	135
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.24

Photometrics calculated at  
5000k-high lumens setting

**Zonal Lumen Summary**

Zone	Lumens	%Fixt
0-20°	3,042	17.2%
0-30°	6,475	36.7%
0-40°	10,520	59.6%
20-50°	10,813	61.2%
40-70°	6,271	35.5%
0-60°	15,726	89.0%
0-80°	17,425	98.7%
0-90°	17,638	99.9%
90-180°	24	0.1%
0-180°	17,662	100.0%



**FHBSR-241815L-4K5K**

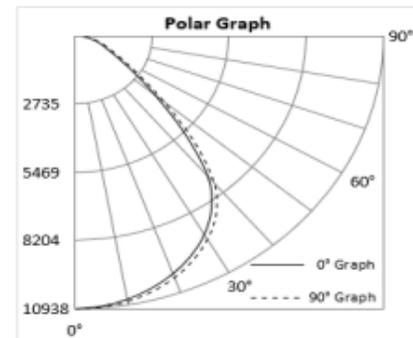
**Luminaire Data**

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	23,381
Input Wattage	161
Efficacy (lm/W)	145
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Photometrics calculated at  
5000k-high lumens setting

**Zonal Lumen Summary**

Zone	Lumens	%Fixt
0-20°	4,016	17.2%
0-30°	8,550	36.6%
0-40°	13,901	59.5%
20-50°	14,322	61.3%
40-70°	8,341	35.7%
0-60°	20,833	89.1%
0-80°	23,074	98.7%
0-90°	23,350	99.9%
90-180°	31	0.1%
0-180°	23,381	100.0%



**FHBSR-363024L-4K5K**

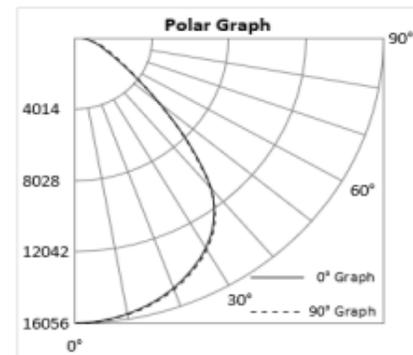
**Luminaire Data**

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	34,727
Input Wattage	242
Efficacy (lm/W)	143
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Photometrics calculated at  
5000k-high lumens setting

**Zonal Lumen Summary**

Zone	Lumens	%Fixt
0-20°	5,902	17.0%
0-30°	12,592	36.3%
0-40°	20,536	59.1%
20-50°	21,267	61.2%
40-70°	12,472	35.9%
0-60°	30,906	89.0%
0-80°	34,256	98.6%
0-90°	34,682	99.9%
90-180°	45	0.1%
0-180°	34,727	100.0%



**FHBSR-604836L-4K5K**

**Luminaire Data**

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	58,715
Input Wattage	398
Efficacy (lm/W)	148
Spacing Criterion (0-180°)	1.28
Spacing Criterion (90-270°)	1.26

Photometrics calculated at  
5000k-high lumens setting

**Zonal Lumen Summary**

Zone	Lumens	%Fixt
0-20°	9,998	17.0%
0-30°	21,317	36.3%
0-40°	34,727	59.1%
20-50°	35,995	61.3%
40-70°	21,199	36.1%
0-60°	52,364	89.2%
0-80°	58,000	98.8%
0-90°	58,644	99.9%
90-180°	71	0.1%
0-180°	58,715	100.0%

