

HBR HIGH BAY ROUND IP66

DESCRIPTION

naturaLED® Round Highbay comes with an IP66 rating making it water and dust resistant. These fixtures are uniquely designed for multiple applications such as, warehouses, retail stores, gymnasiums, factories and more. Our round highbays are compact, lightweight and have an adjustable pre-installed hook design so perfect for replacing traditional HID up to 1000 watt or linear 4 & 6 tube fluorescent highbay fixtures. We have several accessory options such as 120-degree lens, 11" and 13" Polycarbonate Refractor that are ideal for retail applications in addition to a motion sensor that is programmable with a remote controller.

APPLICATIONS

Retail, Warehouse, Gymnasium, Industrial Facility, Architectural, Commercial Lighting

FEATURES

- DLC Premium
- IP66 Rated
- ETL / ETL Sanitation Listed
- Selectable Wattages (277-480V)
- ColorTemp: 5000K
- Voltage: 120-277V, 120-347V, 277-480V
- Power Factor: >0.9
- Surge Protection: 4KV
- Beam Angle: 90°
- Dimmable: 0-10V (only with sensor)
- CRI: 80
- Operating temperature: - 22°F - 122°F
- Available in 11", 13", 15" diameter
- Corrosion resistant powder coating
- Available beam angle: 120° as optional accessory
- Hook included and 6-foot SO cord for easy installation
- Material: Die-cast aluminum
- 5Year Warranty
- Optional for Purchase: Refractor, Lens, Sensor Remote Control, Pendant Mount

SAMPLE NUMBER FX11HBR100/90/850/WH/IP66

FAMILY	DIAMETER	SERIES	WATTAGE	BEAM ANGLE	CRI/COLOR TEMP	COLOR	RATINGS
FX	11	HBR	100	90	850	WH	IP66
Fixture	11-inch	HighBay Round	100 Watt	90°	CRI 80 5000K	White (BK) Black	IP66 Rated

PROJECT: _____

SCHEDULE: _____ DATE: _____

PREPARE BY: _____

NOTES: _____



Rated Life Hours 50,000
Warranty 5 Years

ACCESSORIES

- Polycarbonate Refractor
- Aluminum Refractor
- Lens
- Sensor/ Remote Controller
- Pendant Mount
- Motion & Photocell Sensor



HIGH BAY ROUND IP66

HIGHLOW BAY & AREA LUMINAIRES

*P= Premium DLC / *S = Standard DLC

ORDERING

	Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Diameter	Equiv. Wattage (W)	Color	IP66 Rated	DLC (S/P)
120-277V	100	9469	FX11HBR100/90/850/WH/IP66	5000K	15,321	11-inch	400	White	•	P
	150	9470	FX13HBR150/90/850/WH/IP66	5000K	23,097	13-inch	400-575	White	•	P
	200	9555	FX15HBR200/90/850/WH/IP66	5000K	32,985	15-inch	575-1000	White	•	P
120-347V	100	9438	FX11HBR100/90/850/BK/IP66/347	5000K	15,840	11-inch	400	Black	•	P
	150	9439	FX13HBR150/90/850/BK/IP66/347	5000K	23,696	13-inch	400-575	Black	•	P
	205	9556	FX15HBR200/90/850/BK/IP66/347	5000K	32,598	15-inch	575-1000	Black	•	P
277-480V	120	7165	FX15HBR200SW/90/850/BK/IP66480	5000K	18,000	15-inch	575-1000	Black	•	-
	160				24,000					
	200				30,000					

ACCESSORIES (Ordered Separately)

Polycarbonate Refractor



P10376 CVR-11HBR100-PC
(Refractor for 11" PC Polycarbonate)

P10377 CVR-13HBR150-PC
(Refractor for 13" PC Polycarbonate)

P10434 CVR-15HBR200-PC
(Refractor for 15" PC Polycarbonate)

Aluminum Refractor

CVR-11HBR100-AL
(Cover-11" Aluminum Reflector)

CVR-13HBR150-AL
(Cover-13" Aluminum Reflector)

CVR-15HBR200-AL
(Cover-15" Aluminum Reflector)

Sensors/ Controller



P10319 SEN-HD06VCRH
(Remote Programmable Motion Sensor 0-10V)

P10323 SEN-HD05R
(Remote Programmer for P10319)

Pendant Mount



P10191 ADP-1/2-3/4NPT
(1/2" to 3/4" NPT Adaptor for Pendant Mount)

Lens



P10320 LENS-11HBR-120D-IP66
(Lens for 11" HBR 120°)

P10321 LENS-13HBR-120D-IP66
(Lens for 13" HBR 120°)

P10433 LENS-15HBR-120D-IP66
(Lens for 15" HBR 120°)

Motion & Photocell Sensor



P10316 SEN-BRI-RC100
(Remote Programmer for P10371)



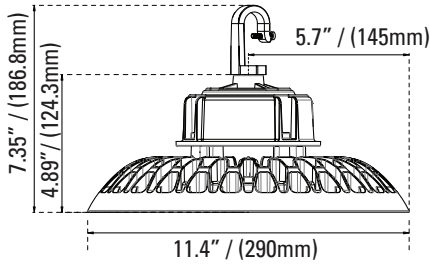
P10371 SEN-BRI619
(Recommended Height up to 40-ft)
(Remote/Dipswitch Programmable PIR Motion Sensor 0-10V Bi-Level Internal 12V-24V 2X Area Lens)

HIGH BAY ROUND IP66

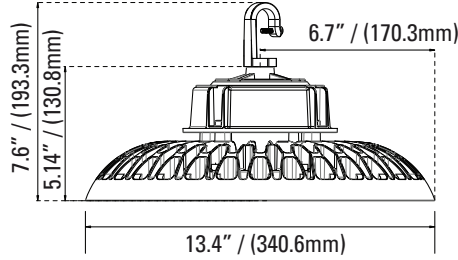
HIGHLOW BAY & AREA LUMINAIRES

DIMENSIONS

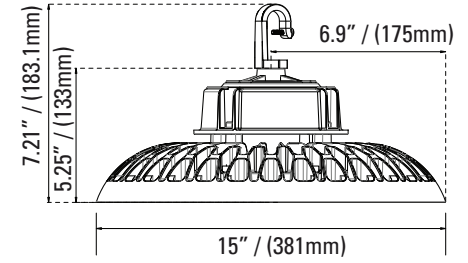
11" - 100 Watt
5.95-lbs



13" - 150 Watt
7.12-lbs

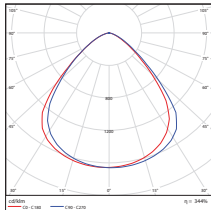


15" - 200 Watt
8.53-lbs



PHOTOMETRICS CHART

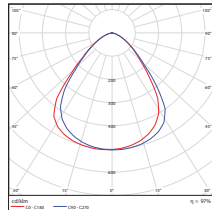
11" - 100 Watt
DLC Premium



Center Beam Fc	Beam Width	
5.0ft	38.4 ft	18.4 ft
10.0ft	76.1 ft	36.8 ft
15.0ft	113.8 ft	55.2 ft
20.0ft	151.5 ft	73.6 ft
25.0ft	189.2 ft	92.0 ft
30.0ft	226.9 ft	110.4 ft
35.0ft	264.6 ft	128.8 ft
40.0ft	302.3 ft	147.2 ft
45.0ft	340.0 ft	165.6 ft
50.0ft	377.7 ft	184.0 ft
55.0ft	415.4 ft	202.4 ft
60.0ft	453.1 ft	220.8 ft
65.0ft	490.8 ft	239.2 ft
70.0ft	528.5 ft	257.6 ft
75.0ft	566.2 ft	276.0 ft
80.0ft	603.9 ft	294.4 ft
85.0ft	641.6 ft	312.8 ft
90.0ft	679.3 ft	331.2 ft
95.0ft	717.0 ft	349.6 ft
100.0ft	754.7 ft	368.0 ft

■ Vert. Spread: 92.5°
■ Horiz. Spread: 92.1°

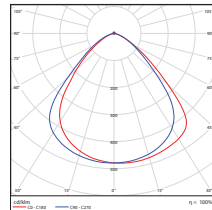
13" - 150 Watt
DLC Premium



Center Beam Fc	Beam Width	
5.0ft	46.6 ft	9.1 ft
10.0ft	93.2 ft	18.2 ft
15.0ft	139.8 ft	27.3 ft
20.0ft	186.4 ft	36.4 ft
25.0ft	233.0 ft	45.5 ft
30.0ft	279.6 ft	54.6 ft
35.0ft	326.2 ft	63.7 ft
40.0ft	372.8 ft	72.8 ft
45.0ft	419.4 ft	81.9 ft
50.0ft	466.0 ft	91.0 ft
55.0ft	512.6 ft	100.1 ft
60.0ft	559.2 ft	109.2 ft
65.0ft	605.8 ft	118.3 ft
70.0ft	652.4 ft	127.4 ft
75.0ft	699.0 ft	136.5 ft
80.0ft	745.6 ft	145.6 ft
85.0ft	792.2 ft	154.7 ft
90.0ft	838.8 ft	163.8 ft
95.0ft	885.4 ft	172.9 ft
100.0ft	932.0 ft	182.0 ft

■ Vert. Spread: 97.7°
■ Horiz. Spread: 85.4°

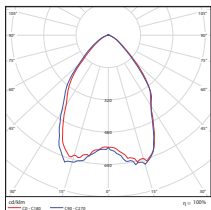
15" - 200 Watt
DLC Premium



Center Beam Fc	Beam Width	
5.0ft	59.7 ft	10.1 ft
10.0ft	119.4 ft	20.2 ft
15.0ft	179.1 ft	30.3 ft
20.0ft	238.8 ft	40.4 ft
25.0ft	298.5 ft	50.5 ft
30.0ft	358.2 ft	60.6 ft
35.0ft	417.9 ft	70.7 ft
40.0ft	477.6 ft	80.8 ft
45.0ft	537.3 ft	90.9 ft
50.0ft	597.0 ft	101.0 ft
55.0ft	656.7 ft	111.1 ft
60.0ft	716.4 ft	121.2 ft
65.0ft	776.1 ft	131.3 ft
70.0ft	835.8 ft	141.4 ft
75.0ft	895.5 ft	151.5 ft
80.0ft	955.2 ft	161.6 ft
85.0ft	1014.9 ft	171.7 ft
90.0ft	1074.6 ft	181.8 ft
95.0ft	1134.3 ft	191.9 ft
100.0ft	1194.0 ft	202.0 ft

■ Vert. Spread: 97.4°
■ Horiz. Spread: 90.9°

11" w/Reflector - 100 Watt
DLC Premium



Center Beam Fc	Beam Width	
3.0ft	6.85 ft	4.2 ft
6.0ft	13.7 ft	8.4 ft
9.0ft	20.55 ft	12.6 ft
12.0ft	27.4 ft	16.8 ft
15.0ft	34.25 ft	21.0 ft
18.0ft	41.1 ft	25.2 ft
21.0ft	47.95 ft	29.4 ft
24.0ft	54.8 ft	33.6 ft
27.0ft	61.65 ft	37.8 ft
30.0ft	68.5 ft	42.0 ft
33.0ft	75.35 ft	46.2 ft
36.0ft	82.2 ft	50.4 ft
39.0ft	89.05 ft	54.6 ft
42.0ft	95.9 ft	58.8 ft
45.0ft	102.75 ft	63.0 ft
48.0ft	109.6 ft	67.2 ft
51.0ft	116.45 ft	71.4 ft
54.0ft	123.3 ft	75.6 ft
57.0ft	130.15 ft	79.8 ft
60.0ft	137.0 ft	84.0 ft
63.0ft	143.85 ft	88.2 ft
66.0ft	150.7 ft	92.4 ft
69.0ft	157.55 ft	96.6 ft
72.0ft	164.4 ft	100.8 ft
75.0ft	171.25 ft	105.0 ft
78.0ft	178.1 ft	109.2 ft
81.0ft	184.95 ft	113.4 ft
84.0ft	191.8 ft	117.6 ft
87.0ft	198.65 ft	121.8 ft
90.0ft	205.5 ft	126.0 ft
93.0ft	212.35 ft	130.2 ft
96.0ft	219.2 ft	134.4 ft
99.0ft	226.05 ft	138.6 ft
102.0ft	232.9 ft	142.8 ft
105.0ft	239.75 ft	147.0 ft
108.0ft	246.6 ft	151.2 ft
111.0ft	253.45 ft	155.4 ft
114.0ft	260.3 ft	159.6 ft
117.0ft	267.15 ft	163.8 ft
120.0ft	274.0 ft	168.0 ft
123.0ft	280.85 ft	172.2 ft
126.0ft	287.7 ft	176.4 ft
129.0ft	294.55 ft	180.6 ft
132.0ft	301.4 ft	184.8 ft
135.0ft	308.25 ft	189.0 ft
138.0ft	315.1 ft	193.2 ft
141.0ft	321.95 ft	197.4 ft
144.0ft	328.8 ft	201.6 ft
147.0ft	335.65 ft	205.8 ft
150.0ft	342.5 ft	210.0 ft
153.0ft	349.35 ft	214.2 ft
156.0ft	356.2 ft	218.4 ft
159.0ft	363.05 ft	222.6 ft
162.0ft	369.9 ft	226.8 ft
165.0ft	376.75 ft	231.0 ft
168.0ft	383.6 ft	235.2 ft
171.0ft	390.45 ft	239.4 ft
174.0ft	397.3 ft	243.6 ft
177.0ft	404.15 ft	247.8 ft
180.0ft	411.0 ft	252.0 ft
183.0ft	417.85 ft	256.2 ft
186.0ft	424.7 ft	260.4 ft
189.0ft	431.55 ft	264.6 ft
192.0ft	438.4 ft	268.8 ft
195.0ft	445.25 ft	273.0 ft
198.0ft	452.1 ft	277.2 ft
201.0ft	458.95 ft	281.4 ft
204.0ft	465.8 ft	285.6 ft
207.0ft	472.65 ft	289.8 ft
210.0ft	479.5 ft	294.0 ft
213.0ft	486.35 ft	298.2 ft
216.0ft	493.2 ft	302.4 ft
219.0ft	500.05 ft	306.6 ft
222.0ft	506.9 ft	310.8 ft
225.0ft	513.75 ft	315.0 ft
228.0ft	520.6 ft	319.2 ft
231.0ft	527.45 ft	323.4 ft
234.0ft	534.3 ft	327.6 ft
237.0ft	541.15 ft	331.8 ft
240.0ft	548.0 ft	336.0 ft
243.0ft	554.85 ft	340.2 ft
246.0ft	561.7 ft	344.4 ft
249.0ft	568.55 ft	348.6 ft
252.0ft	575.4 ft	352.8 ft
255.0ft	582.25 ft	357.0 ft
258.0ft	589.1 ft	361.2 ft
261.0ft	595.95 ft	365.4 ft
264.0ft	602.8 ft	369.6 ft
267.0ft	609.65 ft	373.8 ft
270.0ft	616.5 ft	378.0 ft
273.0ft	623.35 ft	382.2 ft
276.0ft	630.2 ft	386.4 ft
279.0ft	637.05 ft	390.6 ft
282.0ft	643.9 ft	394.8 ft
285.0ft	650.75 ft	399.0 ft
288.0ft	657.6 ft	403.2 ft
291.0ft	664.45 ft	407.4 ft
294.0ft	671.3 ft	411.6 ft
297.0ft	678.15 ft	415.8 ft
300.0ft	685.0 ft	420.0 ft
303.0ft	691.85 ft	424.2 ft
306.0ft	698.7 ft	428.4 ft
309.0ft	705.55 ft	432.6 ft
312.0ft	712.4 ft	436.8 ft
315.0ft	719.25 ft	441.0 ft
318.0ft	726.1 ft	445.2 ft
321.0ft	732.95 ft	449.4 ft
324.0ft	739.8 ft	453.6 ft
327.0ft	746.65 ft	457.8 ft
330.0ft	753.5 ft	462.0 ft
333.0ft	760.35 ft	466.2 ft
336.0ft	767.2 ft	470.4 ft
339.0ft	774.05 ft	474.6 ft
342.0ft	780.9 ft	478.8 ft
345.0ft	787.75 ft	483.0 ft
348.0ft	794.6 ft	487.2 ft
351.0ft	801.45 ft	491.4 ft
354.0ft	808.3 ft	495.6 ft
357.0ft	815.15 ft	499.8 ft
360.0ft	822.0 ft	504.0 ft
363.0ft	828.85 ft	508.2 ft
366.0ft	835.7 ft	512.4 ft
369.0ft	842.55 ft	516.6 ft
372.0ft	849.4 ft	520.8 ft
375.0ft	856.25 ft	525.0 ft
378.0ft	863.1 ft	529.2 ft
381.0ft	870.0 ft	533.4 ft
384.0ft	876.85 ft	537.6 ft
387.0ft	883.7 ft	541.8 ft
390.0ft	890.55 ft	546.0 ft
393.0ft	897.4 ft	550.2 ft
396.0ft	904.25 ft	554.4 ft
399.0ft	911.1 ft	558.6 ft
402.0ft	917.95 ft	562.8 ft
405.0ft	924.8 ft	567.0 ft
408.0ft	931.65 ft	571.2 ft
411.0ft	938.5 ft	575.4 ft
414.0ft	945.35 ft	579.6 ft
417.0ft	952.2 ft	583.8 ft
420.0ft	959.05 ft	588.0 ft
423.0ft	965.9 ft	592.2 ft
426.0ft	972.75 ft	596.4 ft
429.0ft	979.6 ft	600.6 ft
432.0ft	986.45 ft	604.8 ft
435.0ft	993.3 ft	609.0 ft
438.0ft	1000.15 ft	613.2 ft
441.0ft	1007.0 ft	617.4 ft
444.0ft	1013.85 ft	621.6 ft
447.0ft	1020.7 ft	625.8 ft
450.0ft	1027.55 ft	630.0 ft
453.0ft	1034.4 ft	634.2 ft
456.0ft	1041.25 ft	638.4 ft
459.0ft	1048.1 ft	642.6 ft
462.0ft	1054.95 ft	646.8 ft
465.0ft	1061.8 ft	651.0 ft
468.0ft	1068.65 ft	655.2 ft
471.0ft	1075.5 ft	659.4 ft
474.0ft	1082.35 ft	663.6 ft
477.0ft	1089.2 ft	667.8 ft
480.0ft	1096.05 ft	672.0 ft
483.0ft	1102.9 ft	676.2 ft
486.0ft	1109.75 ft	680.4 ft
489.0ft	1116.6 ft	684.6 ft
492.0ft	1123.45 ft	688.8 ft
495.0ft	1130.3 ft	693.0 ft
498.0ft	1137.15 ft	697.2 ft
501.0ft	1144.0 ft	701.4 ft
504.0ft	1150.85 ft	705.6 ft
507.0ft	1157.7 ft	709.8 ft
510.0ft	1164.55 ft	714.0 ft
513.0ft	1171.4 ft	718.2 ft
516.0ft	1178.25 ft	722.4 ft
519.0ft	1185.1 ft	726.6 ft
522.0ft	1191.95 ft	730.8 ft
525.0ft	1198.8 ft	735.0 ft
528.0ft	1205.65 ft	739.2 ft
531.0ft	1212.5 ft	743.4 ft
534.0ft	1219.35 ft	747.6 ft
537.0ft	1226.2 ft	751.8 ft
540.0ft	1233.05 ft	756.0 ft
543.0ft	1239.9 ft	760.2 ft
546.0ft	1246.75 ft	764.4 ft
549.0ft	1253.6 ft	768.6 ft
552.0ft	1260.45 ft	772.8 ft
555.0ft	1267.3 ft	777.0 ft
558.0ft	1274.15 ft	781.2 ft
561.0ft	1281.0 ft	785.4 ft
564.0ft	1287.85 ft	789.6 ft
567.0ft	1294.7 ft	793.8 ft
570.0ft	1301.55 ft	798.0 ft
573.0ft	1308.4 ft	802.2 ft
576.0ft	1315.25 ft	806.4 ft
579.0ft	1322.1 ft	810.6 ft
582.0ft	1328	