

FLEXCAT HIGH BAY



FEATURES

- Rotatable lens plate allows for (3) beam angle options
- Easy onboard switches for Power and CCT adjustability
- Lightweight with a small footprint
- Durable die-cast aluminum housing
- Jet Black finish
- Medium and Wide lighting distributions
- IP65 and IK08 rated
- 5 Year Warranty

APPLICATIONS

- Gymnasium
- Warehouse
- Factory
- Showroom
- Recreational

CONSTRUCTION

With durable aluminum housing, Anti-Corrosive Finish, and heavy-duty lens, this High Bay will shine in any environment. A rotatable lens and two driver switches allow for multiple combinations in just one product. The luminaire is sealed with resilient gasketing to prevent ingress.

WARRANTY

- Limited Five (5) Year Warranty standard

For more information regarding the limited five (5) year warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.



ORDERING GUIDE

SERIES	WATTAGE	BEAM ANGLE	CRI	CCT	FINISH	VOLTAGE
HB-4	100	M 60 DEGREE	7 ≥70	50 3000K / 4000K / 5000K	BLK BLACK	U 100-277V
	150	W 90 DEGREE				
	200	WW 120 DEGREE				



www.sonarayled.com

PROJECT

DATE

TYPE

NOTES

REV: 24 0101 0000

FLEXCAT HIGH BAY

SPECIFICATIONS

LED SPECIFICATION			3000K		4000K		5000K		WEIGHT (lbs.)
MODEL	WATTS	OPTIC	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY	
HB-4100	100	M	14,000	140 lm/W	14,500	145 lm/W	14,800	148 lm/W	3.99
		W	14,300	143 lm/W	14,800	148 lm/W	15,100	151 lm/W	
		WW	14,700	147 lm/W	15,200	152 lm/W	15,500	155 lm/W	
HB-4150	150	M	20,400	136 lm/W	21,000	140 lm/W	21,300	142 lm/W	5.13
		W	20,850	139 lm/W	21,450	143 lm/W	21,750	145 lm/W	
		WW	21,750	145 lm/W	22,350	149 lm/W	22,650	151 lm/W	
HB-4200	200	M	26,400	132 lm/W	26,800	134 lm/W	27,200	136 lm/W	5.97
		W	26,800	134 lm/W	27,200	136 lm/W	27,600	138 lm/W	
		WW	28,000	140 lm/W	28,400	142 lm/W	28,800	144 lm/W	

SPECIFICATION		VALUE
PERFORMANCE	Power Consumption (W)	60W-100W / 90W-150W / 120W-200W Field Adjustable
	Lumens Delivered (lm)	14,800 - 28,800
	Efficacy (lm/W)	144 - 155
	CRI	≥70
	Color Temperature (K)	3000 / 4000 / 5000 Field Adjustable
	L70 Lumen Maintenance (hr)	50,000
ELECTRICAL	Power Factor	> 0.96
	Input Voltage	100-277V ~ 50/60 Hz
	Dimming	Non-dimmable
	THD	< 0.2
	Motion Sensor	No
OPTICS	Beam Angle (°)	60 / 90 / 120
	Lampshade	No
INSTALLATION	Standard Mount	Steel Loop Mount
	Optional Mount	Pendant Mount Pipe
CERTIFICATION	Certifications	ETL
	IP	65
	IK	08
	Environment	Indoor
	Ambient Operating Temperature	-20°C ~ +40°C / -4°F ~ +104°F
	Warranty	Limited (5) Year

FLEXCAT HIGH BAY

FEATURES

Adjustable Beam Angle

60° / 90° / 120°

Screw-in rotatable lens plate allows for (3) beam angles options in one unit.

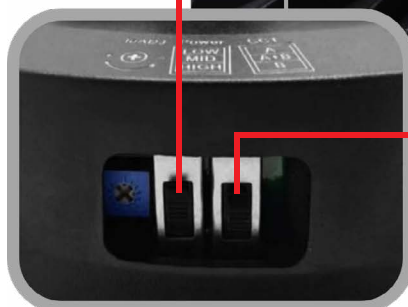


Wattage Adjustable

100W (Low: 60W, Mid: 80W, High 100W)

150W (Low: 90W, Mid: 120W, High 150W)

200W (Low: 120W, Mid: 160W, High 200W)



CCT Adjustable

A : 3000K

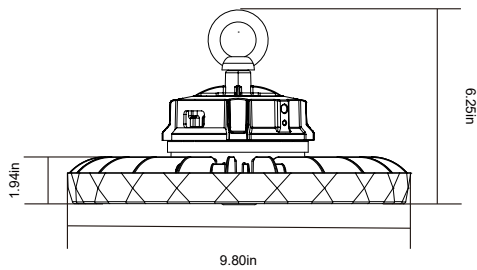
A+B : 4000K

B : 5000K

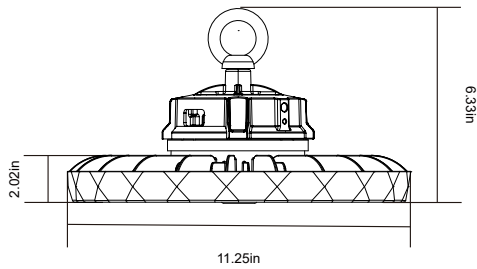
FLEXCAT HIGH BAY

DIMENSIONAL DRAWINGS

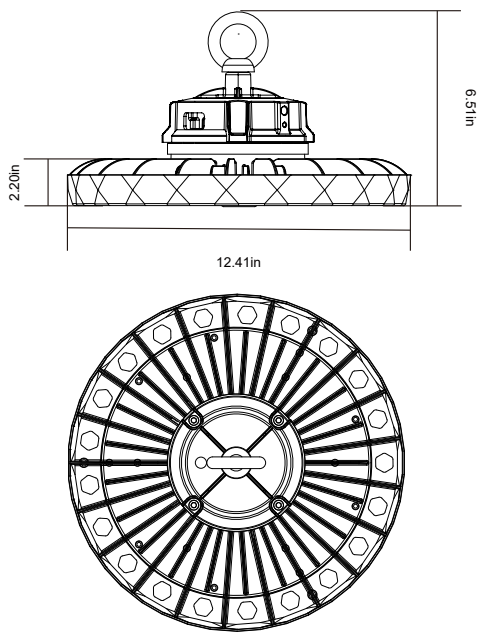
HB-4100



HB-4150

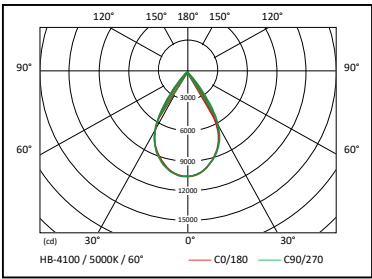


HB-4200



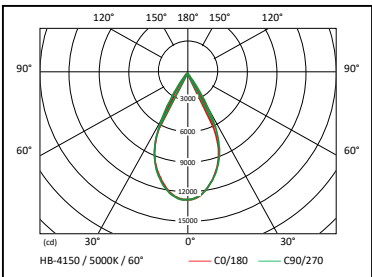
PHOTOMETRICS

HB-4100 / 5000K / 60°



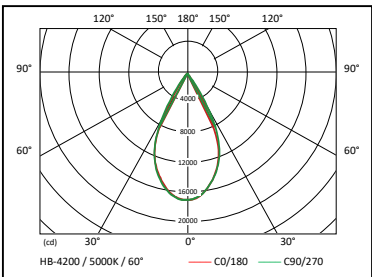
HB-4100 / 5000K / 60°		
2	2609	167
4	652	334
6	290	501
8	163	668
10	104	835
H (m)	E (lx)	D (cm)

HB-4150 / 5000K / 60°



HB-4150 / 5000K / 60°		
2	3222	271
4	806	542
6	358	813
8	201	1084
10	129	1355
H (m)	E (lx)	D (cm)

HB-4200 / 5000K / 60°

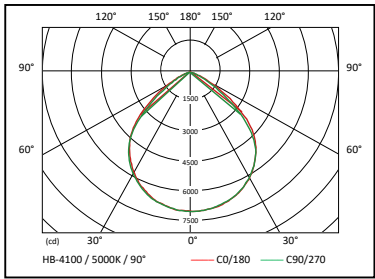


HB-4200 / 5000K / 60°		
2	4160	243
4	1040	486
6	462	729
8	260	972
10	166	1215
H (m)	E (lx)	D (cm)

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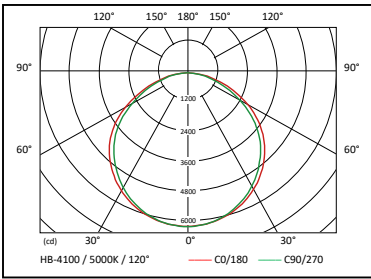
PHOTOMETRICS

HB-4100 / 5000K / 90°



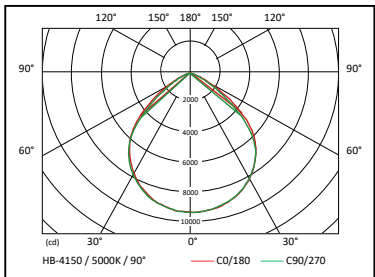
HB-4100 / 5000K / 90°		
2	1751	307
4	438	613
6	195	920
8	110	1226
10	70	1533
H (m)	E (lx)	D (cm)

HB-4100 / 5000K / 120°



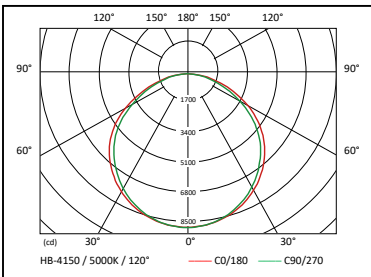
HB-4100 / 5000K / 120°		
2	1402	550
4	351	1100
6	156	1650
8	88	2200
10	56	2749
H (m)	E (lx)	D (cm)

HB-4150 / 5000K / 90°



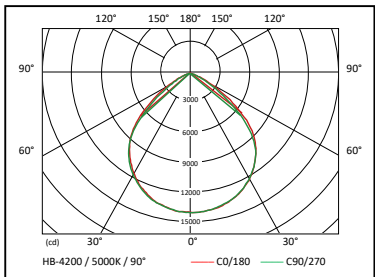
HB-4150 / 5000K / 90°		
2	2447	394
4	612	788
6	272	1181
8	153	1574
10	98	1968
H (m)	E (lx)	D (cm)

HB-4150 / 5000K / 120°



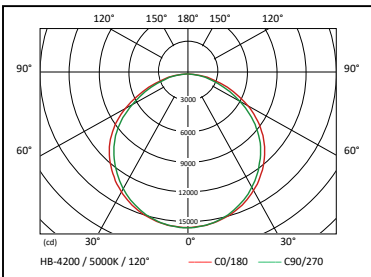
HB-4150 / 5000K / 120°		
2	2066	586
4	517	1172
6	230	1757
8	129	2343
10	83	2929
H (m)	E (lx)	D (cm)

HB-4200 / 5000K / 90°



HB-4200 / 5000K / 90°		
2	3393	357
4	848	714
6	377	1072
8	212	1429
10	136	1786
H (m)	E (lx)	D (cm)

HB-4200 / 5000K / 120°



HB-4200 / 5000K / 120°		
2	2676	587
4	669	1174
6	297	1761
8	167	2348
10	107	2935
H (m)	E (lx)	D (cm)