



ICE BREAKER HIGH BAY LIGHT



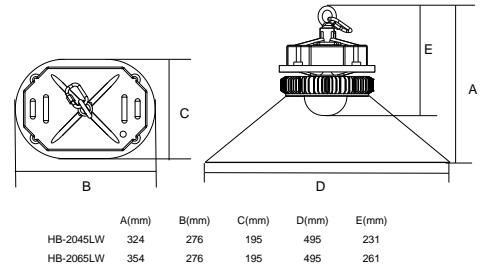
SONARAY®

ICE BREAKER HIGH BAY LIGHT



Specifications

Material: Aluminum
 Light Engine Color: Black
 Lampshade Color : Silver
 Driver: Built-in
 THD: < 20%
 Input Voltage: 100-277V ~ 50/60Hz
 Power Factor: ≥ 0.9
 Beam Angle: 100°
 Lifetime: ≥ 50,000hrs



IP65

Specifications for matching Empire-shaped Lampshade

Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Operating Temperature	Light Engine Weight (kg/lb)
HB-2045LW	45	5085	113	5000	≥70	-30°C~+45°C	2.5/5.51
HB-2065LW	65	7150	110	5000	≥70	-40°C~+45°C	3.4/7.5

Color Temperature

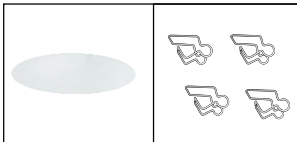


Empire-shaped 100°
 Order No.: HB-2000A-V
 Weight: 0.6kg/ 1.32lb

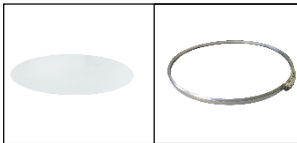


Bell-shaped lampshade – big
 (Ø420mm*255mm 60°)
 Weight: 0.7kg/ 1.54lb

Optional Accessories:

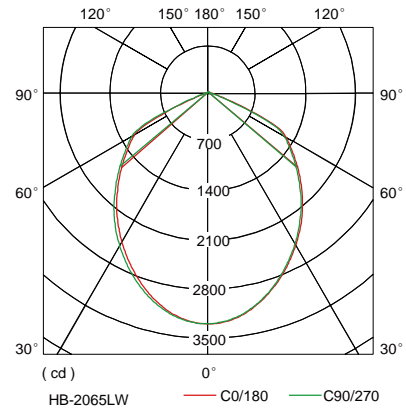
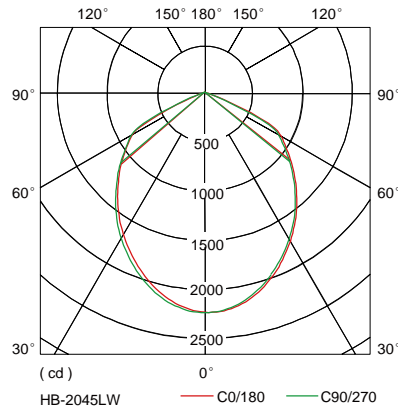


Diffuser A + Clips (Order No.: HB-2000A-G)
 Weight: 0.47kg/1.04lb



Diffuser B + Cover Ring (Order No.: HB-2000A-X)
 Weight: 0.85kg/1.87lb

Light Distribution Curve



Illuminance Distribution

H(m)	E(x)	D(cm)
1	2231	240
2	558	480
3	248	719
4	139	959
5	89	1199
6	62	1439
7	46	1679
8	35	1918
9	28	2158
10	22	2398
11	18	2638
12	15	2878
13	13	3118
14	11	3357
15	10	3597

H(m)	E(x)	D(cm)
1	3296	235
2	824	469
3	366	704
4	206	939
5	132	1174
6	92	1408
7	67	1643
8	52	1878
9	41	2112
10	33	2347
11	27	2582
12	23	2817
13	20	3051
14	17	3286
15	15	3521

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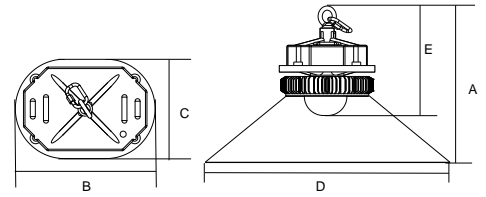


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 Power Factor: ≥ 0.9
 Beam Angle: 100°
 Lifetime: ≥ 50,000hrs



	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HB-2085LW	369	276	195	495	276
HB-2100LW	389	276	195	495	296



Specifications for matching Empire-shaped Lampshade

Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Operating Temperature -40°C~+45°C	Light Engine Weight (kg/lb)
HB-2085LW	85	9010	106	5000	≥70	-40°C~+45°C	3.7/8.16
HB-2100LW	100	11500	115	5000	≥70	-40°C~+45°C	4/8.82

Color Temperature

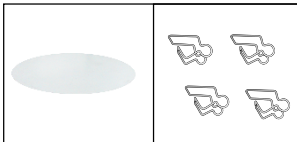


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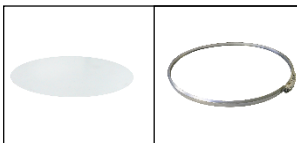


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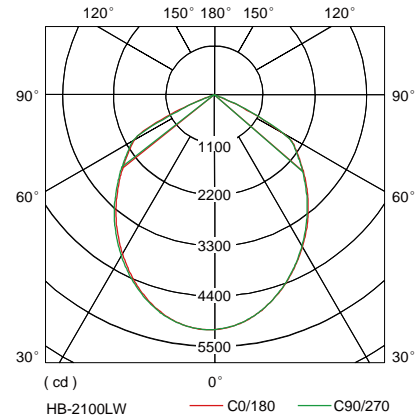
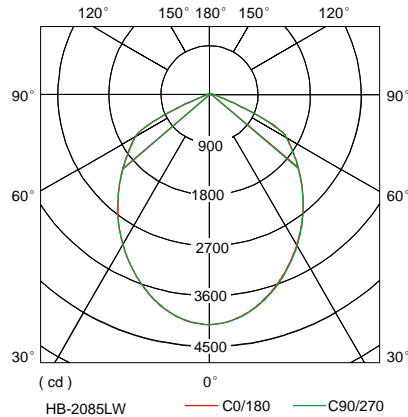


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Diffuser B + Cover Ring (Order No.: HB-2000A-X)
 Weight: 0.85kg/1.87lb

Light Distribution Curve



Illuminance Distribution

H(m)	E(lx)	D(cm)
1	4098	235
2	1024	470
3	455	705
4	256	940
5	164	1174
6	114	1409
7	84	1644
8	64	1879
9	51	2114
10	41	2349
11	34	2584
12	28	2819
13	24	3053
14	21	3288
15	18	3523

H(m)	E(lx)	D(cm)
1	5147	241
2	1287	482
3	572	723
4	322	963
5	206	1204
6	143	1445
7	105	1686
8	80	1927
9	64	2168
10	51	2409
11	43	2650
12	36	2890
13	30	3131
14	26	3372
15	23	3613

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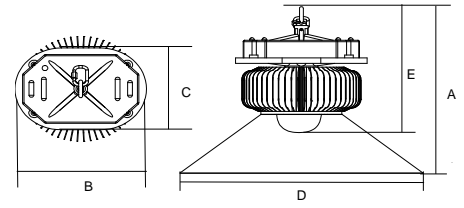


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 Power Factor: ≥ 0.9
 Beam Angle: 100°
 Lifetime: ≥ 50,000hrs



	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HB-2130LW	397	270	250	495	330
HB-2150LW	397	270	250	495	330
HB-2180LW	422	270	250	495	355
HB-2200LW	422	270	250	495	355

Specifications for matching Empire-shaped Lampshade

Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Operating Temperature (-40°C~+45°C)	Light Engine Weight (kg/lb)
HB-2130LW	130	14040	108	5000	≥70	-40°C~+45°C	5.2/11.46
HB-2150LW	150	15600	104	5000	≥70	-40°C~+45°C	5.2/11.46
HB-2180LW	180	18720	104	5000	≥70	-40°C~+45°C	6.2/13.67
HB-2200LW	200	20400	102	5000	≥70	-40°C~+45°C	6.2/13.67

Color Temperature

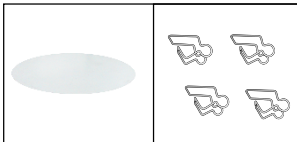


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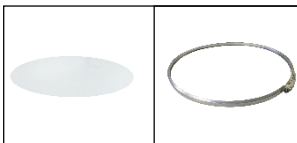


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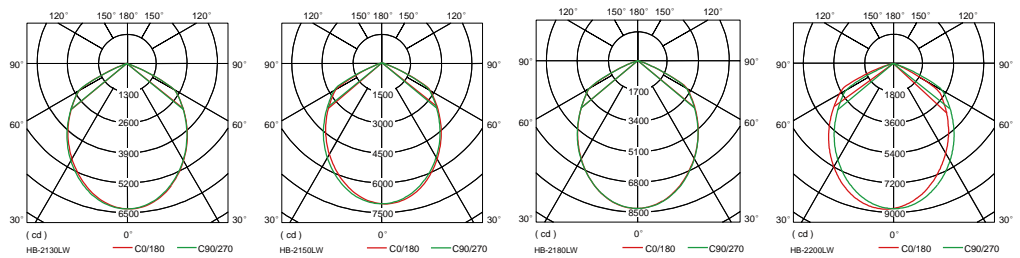


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Diffuser B + Cover Ring (Order No.: HB-2000A-X)
 Weight: 0.85kg/1.87lb

Light Distribution Curve



Illuminance Distribution

H(m)	E(k)	D(cm)
1	6349	244
2	1587	489
3	705	733
4	397	977
5	254	1221
6	176	1466
7	130	1710
8	99	1954
9	78	2198
10	63	2443
11	52	2687
12	44	2931
13	38	3176
14	32	3420
15	28	3664

H(m)	E(k)	D(cm)
1	7023	243
2	1756	486
3	780	729
4	439	972
5	281	1215
6	195	1458
7	143	1701
8	110	1944
9	87	2188
10	70	2431
11	58	2674
12	49	2917
13	42	3160
14	36	3403
15	31	3646

H(m)	E(k)	D(cm)
1	8339	240
2	2085	479
3	927	719
4	521	959
5	334	1199
6	232	1438
7	170	1678
8	130	1918
9	103	2158
10	83	2397
11	69	2637
12	58	2877
13	49	3116
14	43	3356
15	37	3596

H(m)	E(k)	D(cm)
1	8784	243
2	2196	487
3	976	730
4	549	973
5	351	1217
6	244	1460
7	179	1703
8	137	1947
9	108	2190
10	88	2433
11	73	2676
12	61	2920
13	52	3163
14	45	3406
15	39	3650

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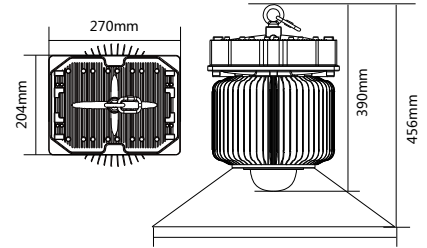


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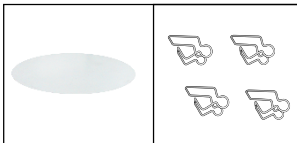


Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Operating Temperature	Light Engine Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)		(kg/lb)
HB-2250LW	250	25250	101	5000	≥70	-40°C~+45°C	8.4/18.52

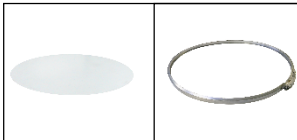


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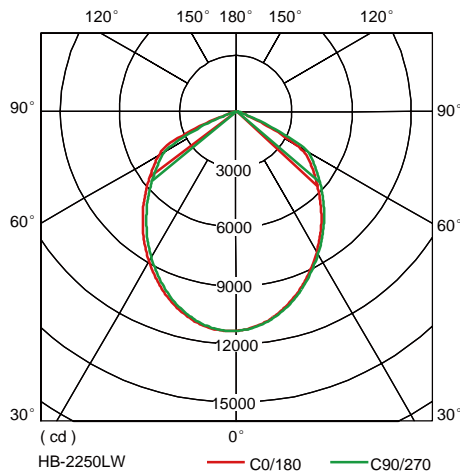


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Diffuser B + Cover Ring (Order No.: HB-2000A-X)
 Weight: 0.85kg/1.87lb

Light Distribution Curve



Illuminance Distribution

H(m)	E(lx)	D(cm)
1	11274	239
2	2818	477
3	1253	716
4	705	955
5	451	1193
6	313	1432
7	230	1671
8	176	1910
9	139	2148
10	113	2387
11	93	2626
12	78	2864
13	67	3103
14	58	3342
15	50	3580

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