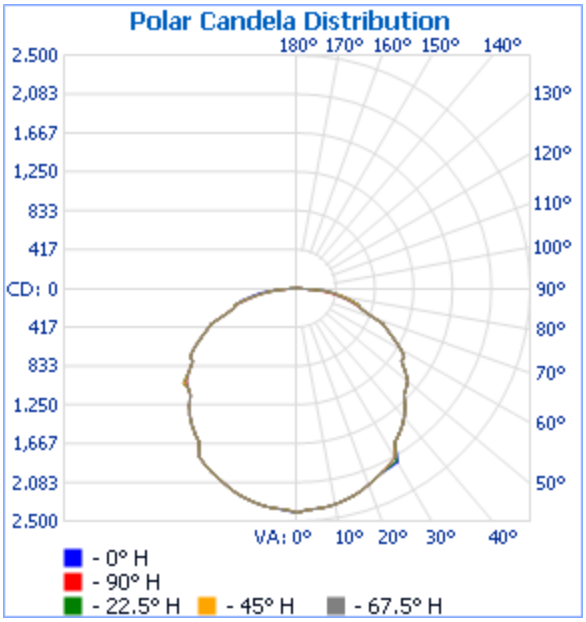
Photometrics Pro

Luminaire Photometric Report

Filename: **HTS-8R-FLAT-COBRAHEAD**
Manufacturer: BARE DEVELOPMENT, INC.
Luminaire: 36 LED LIGHT BOARD FLAT LENS HOWARD RL1F FIXTURE 87.3W INPUT
Luminaire Cat: HTS-8R FLAT LENS COBRAHEAD
Lamp: LED
Lamp Cat: NA. LUMINAIRE OUTPUT = 7588.6 LMS
Lamp Output: 1 lamp(s), rated Lumens/lamp: 7588.6
Max Candela: 2,410.8 at Horizontal: 180°, Vertical: 0°
Input Wattage: 87.3
Luminous Opening: Rectangle (L: 0.25m, W: 0.18m)
Test: C8568L
Test Lab: Intertek
Photometry : Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

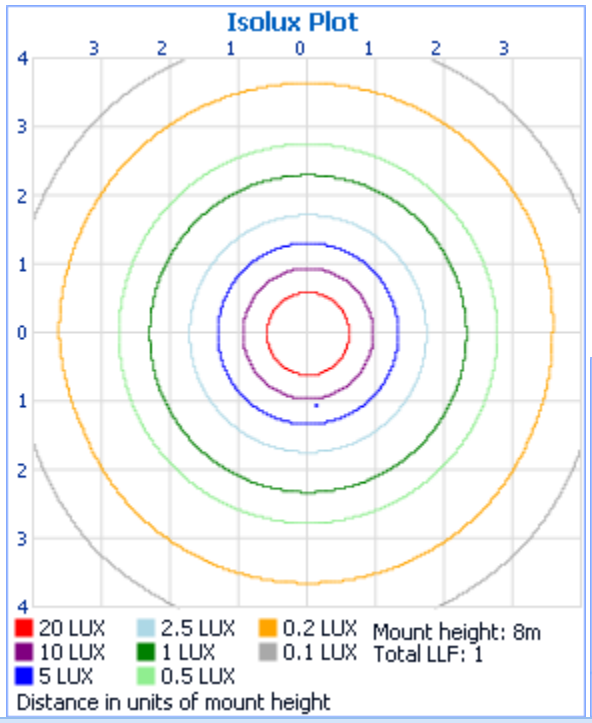


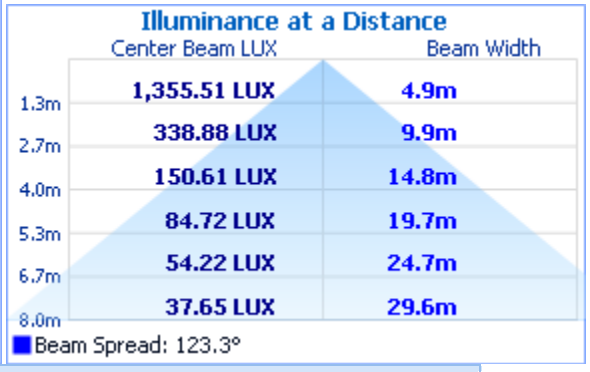
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,881.5	24.8%	24.8%
0-40	3,081.4	40.6%	40.6%
0-60	5,610.9	73.9%	74%
60-90	1,976.2	26%	26%
0-90	7,587.1	100%	100%
90-180	0	0%	0%
0-180	7,587.1	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	226.2	3.0%	90-100	0	0%
10-20	651.7	8.6%	100-110	0	0%
20-30	1,003.6	13.2%	110-120	0	0%
30-40	1,199.9	15.8%	120-130	0	0%
40-50	1,273.6	16.8%	130-140	0	0%
50-60	1,255.9	16.6%	140-150	0	0%
60-70	1,059.2	14.0%	150-160	0	0%
70-80	683.3	9.0%	160-170	0	0%
80-90	233.7	3.1%	170-180	0	0%





Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80	70	50	30	10	0

RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.02	.98	.93	1.05	1.00	.96	.82	.96	.92	.89	.92	.89	.86	.88	.86	.84	.82
2	.97	.88	.81	.75	.95	.86	.80	.68	.83	.77	.72	.79	.75	.70	.76	.72	.69	.67
3	.88	.77	.68	.61	.86	.75	.67	.57	.72	.65	.60	.70	.64	.59	.67	.62	.58	.55
4	.80	.68	.59	.52	.78	.66	.58	.49	.64	.56	.50	.62	.55	.50	.59	.54	.49	.47
5	.74	.60	.51	.44	.72	.59	.50	.42	.57	.49	.43	.55	.48	.43	.53	.47	.42	.40
6	.68	.54	.45	.38	.66	.53	.44	.37	.51	.44	.38	.50	.43	.37	.48	.42	.37	.35
7	.63	.49	.40	.34	.61	.48	.40	.33	.47	.39	.33	.45	.38	.33	.44	.37	.33	.31
8	.59	.45	.36	.30	.57	.44	.36	.29	.43	.35	.30	.41	.34	.29	.40	.34	.29	.27
9	.55	.41	.32	.27	.53	.40	.32	.26	.39	.32	.27	.38	.31	.26	.37	.31	.26	.24
10	.51	.38	.30	.24	.50	.37	.29	.24	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22

Luminaire Report Summary

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IESNA:LM-63-2002
[TEST]C8568L
[TESTLAB]Intertek
[ISSUEDATE] 7/30/2010
[MANUFAC]BARE DEVELOPMENT, INC.
[LUMCAT]HTS-8R FLAT LENS COBRAHEAD
[LUMINAIRE]36 LED LIGHT BOARD
[MORE]FLAT LENS HOWARD RL1F FIXTURE 87.3W INPUT
[LAMP]LED
[LAMPCAT]NA. LUMINAIRE OUTPUT = 7588.6 LMS
[OTHER]24.005V, 3.1786A, 92.85W
[OTHER]TEST PROCEDURE: IESNA LM-79-08
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1
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Reported data calculated from manufacturer's data file, based on IES recommended methods.