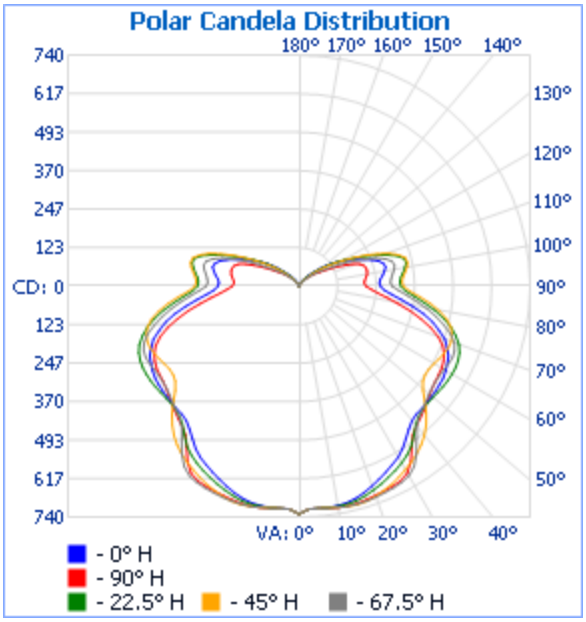
Photometrics Pro

Luminaire Photometric Report

Filename: **Double-HTS-9AR-Gagrag-12x12**
Manufacturer: BARE DEVELOPMENT
Luminaire: 2-HTS-9AR RECTANGLE BOARDS IN A 12X12 INCH SQUARE FIXTURE CEILING MOUNTED WITH CLEAR PRISMATIC LENS.
Luminaire Cat: 12x12 INCH METAL FIXTURE (CEILING)
Lamp: TWO BOARDS WITH TWELVE WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL
Lamp Cat: DOUBLE HTS-9AR
Lamp Output: 2 lamp(s), rated Lumens/lamp: 2165
Max Candela: 730.0 at Horizontal: 0°, Vertical: 0°
Input Wattage: 61
Luminous Opening: Rectangle w/Luminous Sides (L: 0.27m, W: 0.27m, H: 0.13m)
Test: SCALED ITL91209
Test Date: 7/21/2010
Photometry : Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff

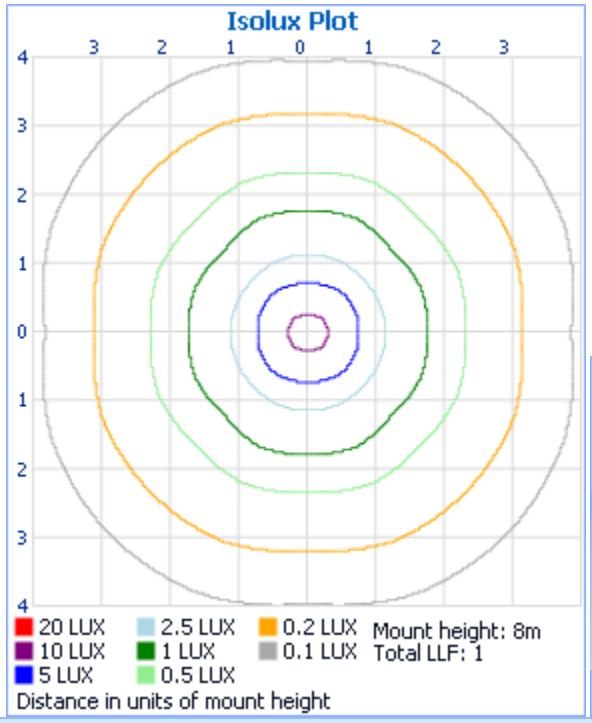


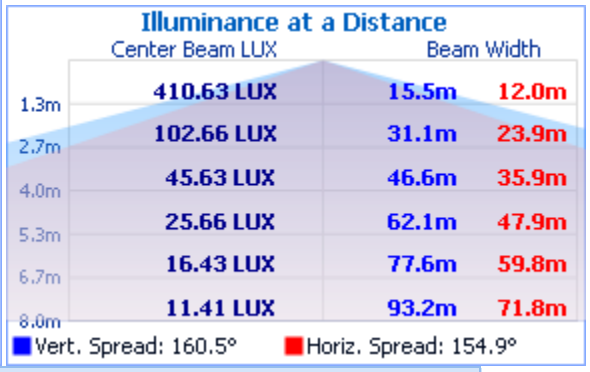
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	590.8	13.6%	13.7%
0-40	988.9	22.8%	22.8%
0-60	1,904.3	44%	44%
60-90	1,408.8	32.5%	32.6%
0-90	3,313.1	76.5%	76.6%
90-180	1,014.6	23.4%	23.4%
0-180	4,327.7	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	68.4	1.6%	90-100	328.6	7.6%
10-20	202.6	4.7%	100-110	324.1	7.5%
20-30	319.8	7.4%	110-120	208.9	4.8%
30-40	398.1	9.2%	120-130	98.2	2.3%
40-50	436.4	10.1%	130-140	39.2	0.9%
50-60	479.1	11.1%	140-150	13.1	0.3%
60-70	526.9	12.2%	150-160	2.3	0.1%
70-80	500.4	11.6%	160-170	0.1	0%
80-90	381.4	8.8%	170-180	0.0	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	1.13	1.13	1.13	1.13	1.08	1.08	1.08	.77	.98	.98	.98	.89	.89	.89	.80	.80	.80	.77
1	.99	.93	.87	.82	.94	.88	.83	.56	.79	.75	.72	.72	.68	.65	.64	.62	.59	.55
2	.89	.78	.70	.63	.83	.75	.67	.44	.67	.61	.56	.60	.55	.51	.54	.50	.46	.43
3	.80	.68	.58	.51	.75	.64	.56	.36	.58	.51	.45	.52	.46	.41	.46	.42	.37	.34
4	.72	.59	.49	.42	.68	.56	.47	.30	.51	.43	.37	.45	.39	.34	.41	.35	.31	.28
5	.66	.52	.42	.35	.62	.50	.41	.25	.45	.37	.31	.40	.34	.29	.36	.31	.26	.24
6	.61	.47	.37	.30	.57	.44	.36	.22	.40	.33	.27	.36	.30	.25	.33	.27	.23	.20
7	.56	.42	.33	.26	.53	.40	.31	.19	.36	.29	.24	.33	.27	.22	.30	.24	.20	.18
8	.52	.38	.29	.23	.49	.36	.28	.17	.33	.26	.21	.30	.24	.19	.27	.22	.18	.16
9	.49	.35	.26	.21	.46	.33	.25	.15	.30	.23	.19	.28	.22	.17	.25	.20	.16	.14
10	.45	.32	.24	.18	.43	.31	.23	.14	.28	.21	.17	.25	.20	.16	.23	.18	.14	.12

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]SCALED ITL91209
[TESTLAB]
[ISSUEDATE] 8/5/2010
[TESTDATE] 7/21/2010
[MANUFAC] BARE DEVELOPMENT
[LUMCAT] 12x12 INCH METAL FIXTURE (CEILING)
[LUMINAIRE]2-HTS-9AR RECTANGLE BOARDS IN A 12X12 INCH SQUARE FIXTURE CEILING MOUNTED WITH CLEAR PRISMATIC LENS.
[LAMPCAT] DOUBLE HTS-9AR
[LAMP] TWO BOARDS WITH TWELVE WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL
[_LAMPWATTAGE] 2x 30.5 = 61W
[_LAMPLUMENS] 4327
[_LAMP OUTPUT:] 2 BOARDS, 2165 LUMENS EACH
[_MOUNTING] EXISTING FIXTURE
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_PRODUCTID] HTS-9AR RETROFIT KIT
[_PRODUCTGROUP] ROUGH SERVICE
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 5
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

Reported data calculated from manufacturer's data file, based on IES recommended methods.