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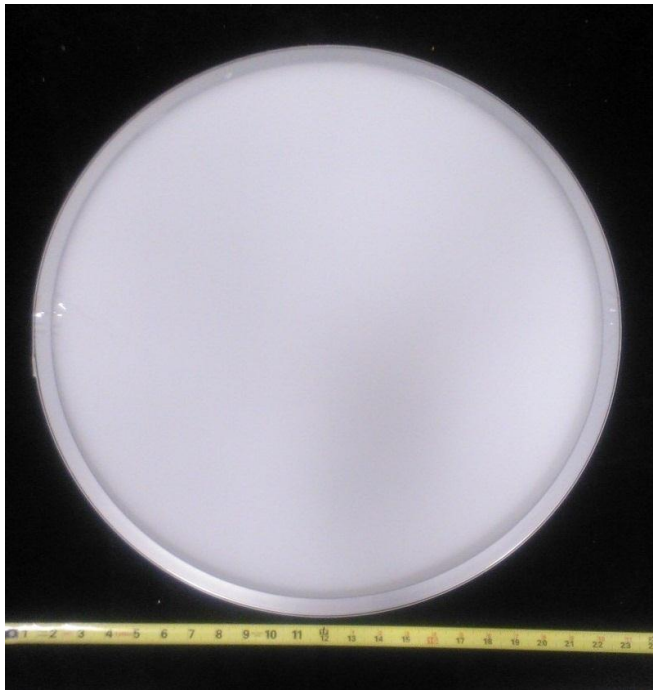
7036 Snowdrift Road Suite 200
Allentown, PA 18106
610-774-1300

Luminaire Description:	White enamel aluminum housing, extruded aluminum heatsink, frosted plastic globe, plastic white reflector, frosted plastic enclosure
Catalog Number:	SM5188
Mounting:	Pendant
Ballast/Driver:	One Inventronics EUC-026S070DS

Luminaire



Test Conditions

Test Temperature:	24.7	°C
Voltage:	120.1	VAC
Current:	0.1770	A
Power:	21.09	W
Power Factor:	0.993	
Frequency:	60	Hz
Current THD:	7.64	%

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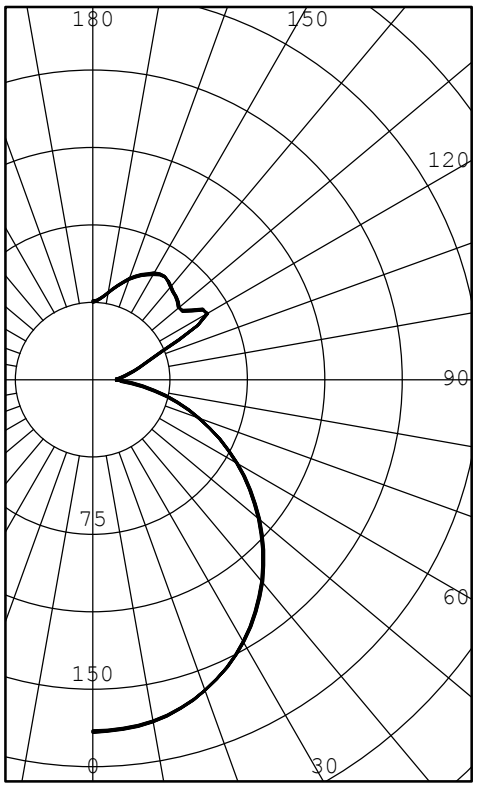

INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	MEAN CP	LMS.	ANGLE	MEAN CP	LMS.
0	171		90	11	
5	170	16	95	14	15
10	168		100	18	
15	165	46	105	24	25
20	160		110	31	
25	154	71	115	46	46
30	146		120	64	
35	137	86	125	58	53
40	128		130	55	
45	117	90	135	57	44
50	105		140	59	
55	93	83	145	61	38
60	81		150	59	
65	68	67	155	56	26
70	55		160	52	
75	43	45	165	47	14
80	30		170	43	
85	19	21	175	39	4
90	11		180	38	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	134	16.90
0-40	219	27.75
0-60	392	49.61
0-90	526	66.47
40-90	306	38.73
60-90	133	16.86
90-180	265	33.53
0-180	791	100.00

EFFICACY (LUMENS PER WATT): 37.5

*** THIS IS AN ABSOLUTE TEST ***

LUMINOUS DIAMETER: 18.000 INS

LUMINANCE SUMMARY CD./SQ.M.

S/MH: 1.3
SC: 1.3

ANGLE	MEAN CD/SQ M
45	1783
55	1227
65	809
75	476
85	205

TESTED IN ACCORDANCE WITH IES PROCEDURES.

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INTENSITY(CANDLEPOWER) DATA

ANGLE	INTENSITY (CANDLEPOWER)	LUMENS
0	171	
5	170	16
10	168	
15	165	46
20	160	
25	154	71
30	146	
35	137	86
40	128	
45	117	90
50	105	
55	93	83
60	81	
65	68	67
70	55	
75	43	45
80	30	
85	19	21
90	11	
95	14	15
100	18	
105	24	25
110	31	
115	46	46
120	64	
125	58	53
130	55	
135	57	44
140	59	
145	61	38
150	59	
155	56	26
160	52	
165	47	14
170	43	
175	39	4
180	38	

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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	90				80				70				50			30			10			0
	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																						
0	1.18	1.18	1.18	1.18	1.11	1.11	1.11	1.11	1.05	1.05	1.05	1.05	0.92	0.92	0.92	0.81	0.81	0.81	0.71	0.71	0.71	0.66
1	1.07	1.02	0.97	0.93	1.01	0.96	0.92	0.88	0.95	0.91	0.87	0.84	0.80	0.78	0.75	0.71	0.69	0.67	0.62	0.61	0.59	0.55
2	0.97	0.89	0.82	0.76	0.92	0.84	0.78	0.72	0.86	0.80	0.74	0.69	0.71	0.66	0.62	0.63	0.59	0.56	0.55	0.52	0.50	0.46
3	0.89	0.78	0.70	0.63	0.84	0.74	0.66	0.60	0.79	0.70	0.63	0.58	0.62	0.57	0.52	0.55	0.51	0.47	0.49	0.45	0.43	0.39
4	0.82	0.69	0.60	0.54	0.77	0.66	0.58	0.51	0.72	0.62	0.55	0.49	0.56	0.50	0.45	0.50	0.45	0.41	0.44	0.40	0.37	0.34
5	0.75	0.61	0.53	0.46	0.71	0.58	0.50	0.44	0.66	0.56	0.48	0.42	0.50	0.43	0.39	0.44	0.39	0.35	0.39	0.35	0.32	0.29
6	0.69	0.55	0.46	0.40	0.65	0.52	0.44	0.38	0.61	0.50	0.42	0.36	0.45	0.38	0.34	0.40	0.35	0.31	0.35	0.31	0.28	0.25
7	0.63	0.49	0.40	0.34	0.60	0.47	0.39	0.33	0.56	0.44	0.37	0.31	0.40	0.33	0.29	0.36	0.30	0.26	0.32	0.27	0.24	0.22
8	0.59	0.44	0.36	0.30	0.55	0.42	0.34	0.29	0.52	0.40	0.33	0.28	0.36	0.30	0.26	0.33	0.27	0.23	0.29	0.25	0.21	0.19
9	0.54	0.40	0.32	0.26	0.51	0.38	0.31	0.25	0.48	0.37	0.29	0.24	0.33	0.27	0.22	0.30	0.24	0.21	0.26	0.22	0.19	0.17
10	0.50	0.37	0.28	0.23	0.47	0.35	0.27	0.22	0.45	0.33	0.26	0.21	0.30	0.24	0.20	0.27	0.22	0.18	0.24	0.20	0.17	0.15

THE ABOVE COEFFICIENTS HAVE BEEN CALCULATED BASED ON LUMINAIRE LUMENS
BECAUSE IN AN ABSOLUTE TEST THE BARE LAMP LUMENS ARE UNKNOWN.
LIGHTING DESIGN CALCULATIONS MADE USING THESE COEFFICIENTS SHOULD
THEREFORE USE THE LUMINAIRE LUMENS IN THE CALCULATION FORMULA

LABORATORY RESULTS MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST AND FIELD FACTORS HAVE NOT BEEN APPLIED.

TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST
LUMINOUS OPENING OF LUMINAIRE.