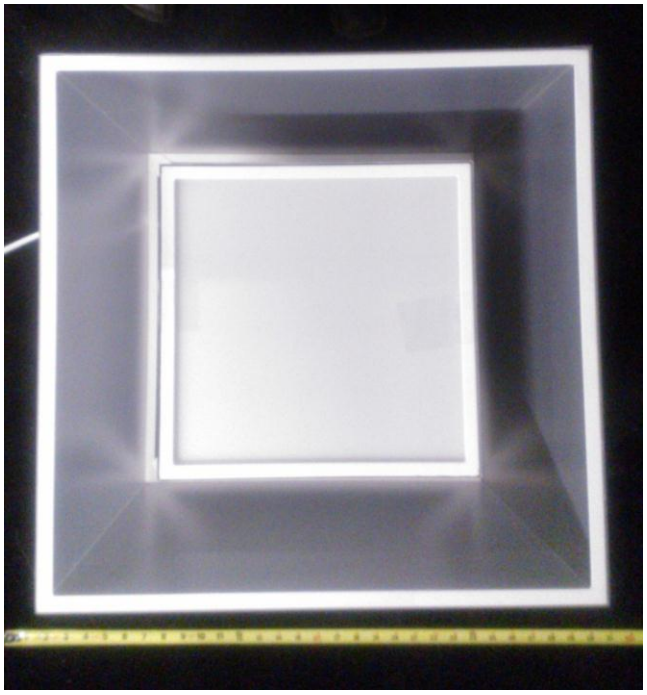
UL Verification Services
7036 Snowdrift Road Suite 200
Allentown, PA 18106
610-774-1300

Luminaire Description:	White enamel steel housing, extruded aluminum heatsink, frosted plastic globe, inner translucent plastic reflector with translucent plastic enclosure, outer translucent plastic reflector, no enclosure
Catalog Number:	P2094
Mounting:	Pendant
Ballast/Driver:	One Inventronics EUC-026S070DS

Luminaire



Test Conditions

Test Temperature:	25.2	°C
Voltage:	120.0	VAC
Current:	0.1782	A
Power:	21.05	W
Power Factor:	0.985	
Frequency:	60	Hz
Current THD:	6.95	%

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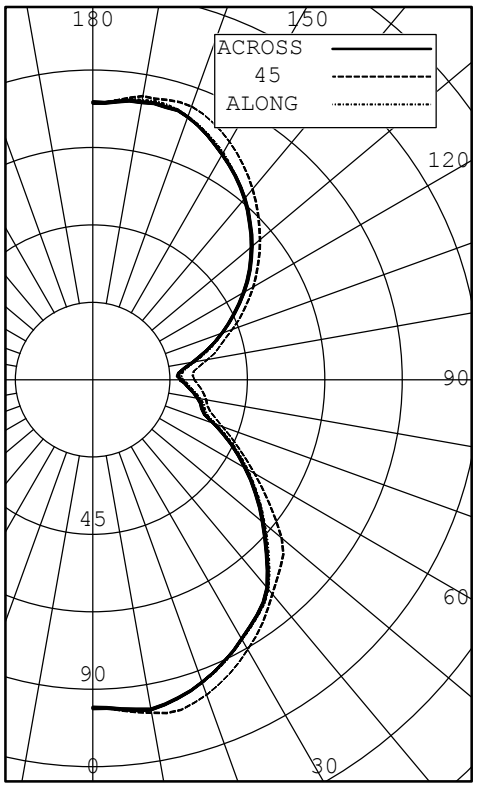

INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	95	95	95	95	95	
5	96	96	97	96	96	9
15	96	98	99	98	96	28
25	91	94	94	94	90	43
35	84	86	86	86	83	53
45	72	76	77	76	72	58
55	59	62	63	61	58	55
65	45	48	47	48	44	46
75	34	35	35	35	33	38
85	29	32	32	31	28	34
90	26	29	30	29	26	
95	26	29	30	29	25	32
105	36	39	38	38	35	40
115	45	49	49	48	45	47
125	56	59	59	59	56	52
135	65	68	68	68	65	52
145	73	76	76	75	72	47
155	79	81	83	81	79	37
165	83	84	84	83	82	24
175	82	82	82	81	81	8
180	81	81	81	81	81	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	80	11.37
0-40	133	19.00
0-60	246	35.04
0-90	363	51.80
40-90	230	32.79
60-90	117	16.76
90-180	338	48.20
0-180	701	100.00

EFFICACY (LUMENS PER WATT): 33.2

*** THIS IS AN ABSOLUTE TEST ***

LUMINOUS LENGTH: 17.500 INS
WIDTH: 17.500 INS

LUMINANCE SUMMARY CD./SQ.M.

S/MH: 1.4
SC: 1.4

ANGLE	ALONG	45	ACROSS
45	262	233	260
55	216	186	214
65	175	142	173
75	142	112	139
85	139	110	135

TESTED IN ACCORDANCE WITH IES PROCEDURES.

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INTENSITY(CANDLEPOWER) DATA

ANGLE	PLANE						OUTPUT
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	LUMENS
0	95	95	95	95	95	95	
5	96	96	97	96	96	96	9
10	97	98	98	98	97	98	
15	96	98	99	98	96	98	28
20	94	96	97	96	94	96	
25	91	94	94	94	90	93	43
30	87	90	90	90	87	89	
35	84	86	86	86	83	85	53
40	79	83	81	82	79	81	
45	72	76	77	76	72	75	58
50	65	68	72	68	65	68	
55	59	62	63	61	58	61	55
60	52	55	54	55	51	54	
65	45	48	47	48	44	47	46
70	38	41	40	41	38	40	
75	34	35	35	35	33	35	38
80	32	34	34	34	31	33	
85	29	32	32	31	28	31	34
90	26	29	30	29	26	28	
95	26	29	30	29	25	28	32
100	30	33	34	32	29	32	
105	36	39	38	38	35	37	40
110	40	43	43	43	40	42	
115	45	49	49	48	45	48	47
120	51	54	54	54	51	53	
125	56	59	59	59	56	58	52
130	60	64	64	64	60	63	
135	65	68	68	68	65	67	52
140	69	72	72	72	69	71	
145	73	76	76	75	72	75	47
150	76	79	80	79	76	78	
155	79	81	83	81	79	81	37
160	82	83	84	83	81	83	
165	83	84	84	83	82	84	24
170	83	83	84	83	82	83	
175	82	82	82	81	81	81	8
180	81	81	81	81	81	81	

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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	1.16	1.16	1.16	1.16	1.08	1.08	1.08	1.08	0.99	0.99	0.99	0.99	0.84	0.84	0.84	0.70	0.70	0.70	0.58	0.58	0.58	0.52
1	1.04	0.99	0.94	0.89	0.97	0.92	0.87	0.83	0.89	0.85	0.81	0.77	0.72	0.69	0.66	0.60	0.58	0.56	0.49	0.47	0.46	0.40
2	0.94	0.86	0.78	0.72	0.88	0.79	0.73	0.67	0.81	0.73	0.68	0.63	0.62	0.58	0.54	0.52	0.49	0.46	0.42	0.40	0.38	0.33
3	0.86	0.75	0.66	0.59	0.80	0.70	0.62	0.56	0.73	0.64	0.58	0.52	0.55	0.49	0.45	0.46	0.42	0.38	0.37	0.34	0.32	0.28
4	0.79	0.66	0.57	0.50	0.73	0.62	0.53	0.47	0.67	0.57	0.50	0.44	0.49	0.43	0.38	0.41	0.36	0.33	0.33	0.30	0.27	0.24
5	0.72	0.58	0.49	0.42	0.67	0.54	0.46	0.40	0.61	0.51	0.43	0.38	0.43	0.37	0.33	0.36	0.32	0.28	0.30	0.26	0.24	0.20
6	0.66	0.52	0.43	0.36	0.61	0.49	0.40	0.34	0.56	0.45	0.38	0.32	0.39	0.33	0.28	0.33	0.28	0.24	0.27	0.23	0.20	0.17
7	0.61	0.47	0.38	0.31	0.56	0.44	0.35	0.30	0.52	0.40	0.33	0.28	0.35	0.29	0.24	0.29	0.24	0.21	0.24	0.20	0.18	0.15
8	0.56	0.42	0.33	0.27	0.52	0.39	0.31	0.26	0.48	0.36	0.29	0.24	0.31	0.25	0.21	0.27	0.22	0.18	0.22	0.18	0.15	0.13
9	0.52	0.38	0.29	0.24	0.48	0.36	0.28	0.22	0.44	0.33	0.26	0.21	0.28	0.23	0.19	0.24	0.19	0.16	0.20	0.16	0.14	0.11
10	0.48	0.35	0.26	0.21	0.45	0.32	0.25	0.20	0.41	0.30	0.23	0.19	0.26	0.20	0.16	0.22	0.17	0.14	0.18	0.15	0.12	0.10

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.