

LUMINAIRE: PEL2-35LH-NL-EDU
 Peloton Led Highbay, Industrial
 PEL 2' HIGBAY, NO LENS
 Data Scaled from Test# 18.00606
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 8448
WATTS: 51.59
MOUNTING: PENDANT
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.30
LUMINOUS OPENING IN FEET
 LENGTH: 1.96
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20401

DATE: 4/13/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 164

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.48

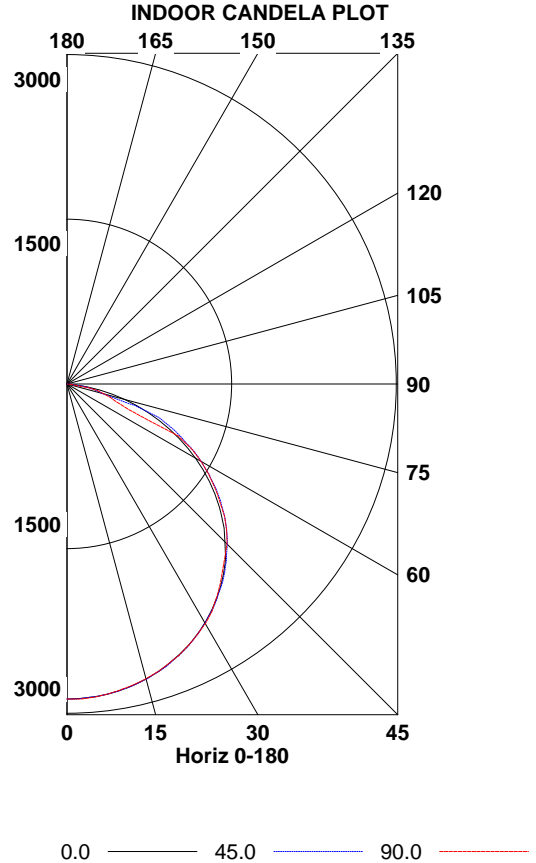
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2269	26.9	26.9
0-40	3760	44.5	44.5
0-60	6805	80.6	80.6
0-90	8445	100.0	100.0
90-120	3	0.0	0.0
90-130	3	0.0	0.0
90-150	3	0.0	0.0
90-180	3	0.0	0.0
0-180	8448	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	11096	11096	11096	11096	11096
30	10960	10847	10803	10813	10904
40	10866	10701	10664	10673	10639
45	10683	10559	10563	10573	10666
50	10500	10329	10416	10417	10555
55	10175	10009	10144	10164	10253
60	9760	9568	9753	9790	9951
65	9130	8964	9181	9270	9120
70	8246	8139	8447	4682	4749
75	6964	6938	3961	4199	4346
80	5082	4967	3270	3460	3443
85	2511	1905	994	1126	1134



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%	0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85	85
2	99	91	84	79	97	89	83	78	86	81	76	82	78	74	79	76	73	71	71
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	62	59	59
R	4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50
C	5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	46	44
R	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
	7	65	51	43	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
	10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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DATE: 4/13/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2869	2869	2869	2869	2869
2.5	2866	2867	2867	2866	2871*
5.0	2860	2860	2860	2860	2864
7.5	2848	2847	2848	2847	2848
10.0	2830	2830	2831	2832	2828
12.5	2809	2808	2810	2811	2806
15.0	2781	2780	2784	2785	2780
17.5	2749	2748	2752	2751	2749
20.0	2711	2711	2715	2714	2709
22.5	2669	2669	2672	2672	2672
25.0	2622	2622	2625	2625	2623
27.5	2569	2569	2573	2573	2571
30.0	2512	2512	2515	2516	2521
32.5	2448	2448	2452	2452	2456
35.0	2377	2379	2384	2385	2375
37.5	2303	2305	2312	2313	2292
40.0	2226	2225	2234	2234	2207
42.5	2138	2141	2151	2151	2131
45.0	2033	2045	2064	2064	2060
47.5	1940	1948	1973	1972	1973
50.0	1830	1838	1873	1871	1872
52.5	1720	1728	1765	1767	1752
55.0	1597	1610	1652	1653	1643
57.5	1480	1490	1536	1536	1530
60.0	1351	1364	1411	1414	1412
62.5	1219	1235	1284	1288	1280
65.0	1085	1104	1151	1160	1117
67.5	949	971	1019	862	605
70.0	811	837	888	491	485
72.5	673	701	652	420	422
75.0	537	567	333	352	352
77.5	405	438	268	282	286
80.0	281	298	204	215	204
82.5	171	117	144	50	49
85.0	83	72	40	45	42
87.5	18	25	32	26	22
90.0	2	7	9	5	0
92.5	0	4	4	3	0
95.0	0	2	3	2	0
97.5	0	1	2	1	0
100.0	0	1	2	1	0
102.5	0	0	1	0	0
105.0	0	0	0	0	0
107.5	0	0	0	0	0
110.0	0	0	0	0	0
112.5	0	0	0	0	0
115.0	0	0	0	0	0
117.5	0	0	0	0	0
120.0	0	0	0	0	0
122.5	0	0	0	0	0
125.0	0	0	0	0	0
127.5	0	0	0	0	0
130.0	0	0	0	0	0
132.5	0	0	0	0	0
135.0	0	0	0	0	0
137.5	0	0	0	0	0
140.0	0	0	0	0	0
142.5	0	0	0	0	0
145.0	0	0	0	0	0
147.5	0	0	0	0	0
150.0	0	0	0	0	0
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
162.5	0	0	0	0	0
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE