

LUMINAIRE: PEL2-50LX-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12722
WATTS: 73.13
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 #20511

DATE: 4/19/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 174

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.38

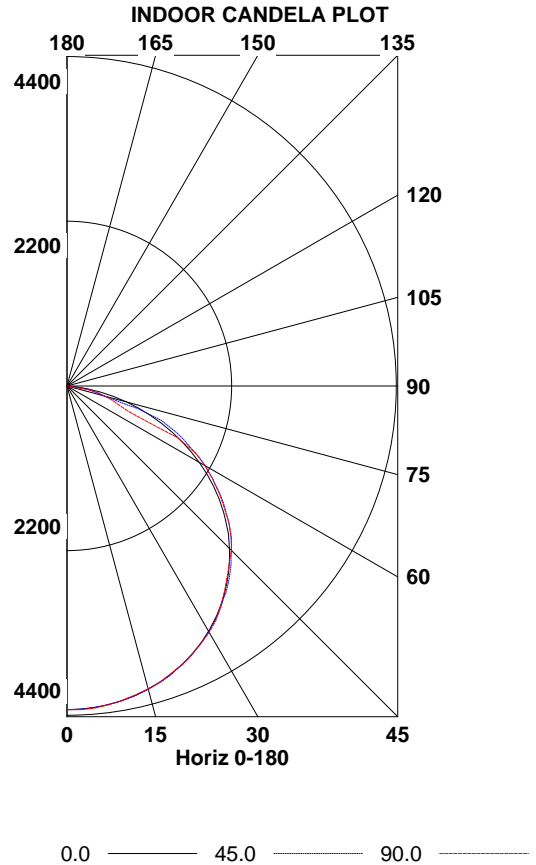
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3419	26.9	26.9
0-40	5665	44.5	44.5
0-60	10253	80.6	80.6
0-90	12717	100.0	100.0
90-120	5	0.0	0.0
90-130	5	0.0	0.0
90-150	5	0.0	0.0
90-180	5	0.0	0.0
0-180	12722	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	16719	16719	16719	16719	16719
30	16509	16344	16280	16293	16435
40	16299	16088	16072	16090	16039
45	16117	15877	15896	15942	16066
50	15824	15572	15661	15706	15900
55	15368	15112	15265	15328	15458
60	14709	14451	14696	14775	15004
65	13792	13551	13878	13969	13251
70	12476	12291	12766	7056	7168
75	10517	10486	6006	6311	6531
80	7668	7284	4920	5215	5114
85	3752	2831	1541	1726	1782



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	100	
1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85	
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	71	
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	62	59	
R	4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	51
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	46	40	51	45	40	38
	7	65	51	43	36	63	51	42	36	49	41	36	48	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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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	4323	4323	4323	4323	4323
2.5	4319	4319	4319	4320	4328*
5.0	4309	4309	4309	4309	4318
7.5	4291	4290	4290	4290	4294
10.0	4265	4264	4265	4267	4262
12.5	4232	4231	4234	4236	4227
15.0	4191	4190	4195	4195	4189
17.5	4141	4141	4147	4147	4143
20.0	4085	4085	4090	4090	4083
22.5	4022	4023	4027	4027	4025
25.0	3950	3952	3956	3956	3952
27.5	3871	3873	3876	3878	3874
30.0	3784	3785	3790	3791	3800
32.5	3687	3690	3696	3697	3705
35.0	3580	3585	3593	3596	3581
37.5	3460	3469	3484	3487	3455
40.0	3339	3345	3367	3368	3327
42.5	3206	3212	3241	3243	3211
45.0	3067	3075	3106	3112	3103
47.5	2924	2930	2969	2972	2976
50.0	2758	2771	2816	2821	2820
52.5	2591	2608	2656	2663	2639
55.0	2412	2431	2486	2493	2477
57.5	2231	2250	2311	2317	2306
60.0	2036	2060	2126	2134	2129
62.5	1840	1865	1935	1945	1933
65.0	1639	1669	1740	1748	1623
67.5	1433	1467	1541	1225	892
70.0	1227	1264	1342	740	732
72.5	1018	1060	932	633	635
75.0	811	857	505	529	529
77.5	612	662	405	424	431
80.0	424	437	307	324	303
82.5	259	175	216	76	75
85.0	124	107	62	69	66
87.5	28	38	48	40	34
90.0	3	10	13	7	1
92.5	0	6	6	4	0
95.0	0	4	5	3	0
97.5	0	2	4	3	0
100.0	0	1	3	2	0
102.5	0	1	2	2	0
105.0	0	1	1	1	0
107.5	0	0	1	1	0
110.0	0	0	1	1	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