

LUMINAIRE: PEL2-35LH-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
 Data Scaled from Test# 18.00615
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 8126
WATTS: 48.63
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 #20501

DATE: 4/18/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 167

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.45

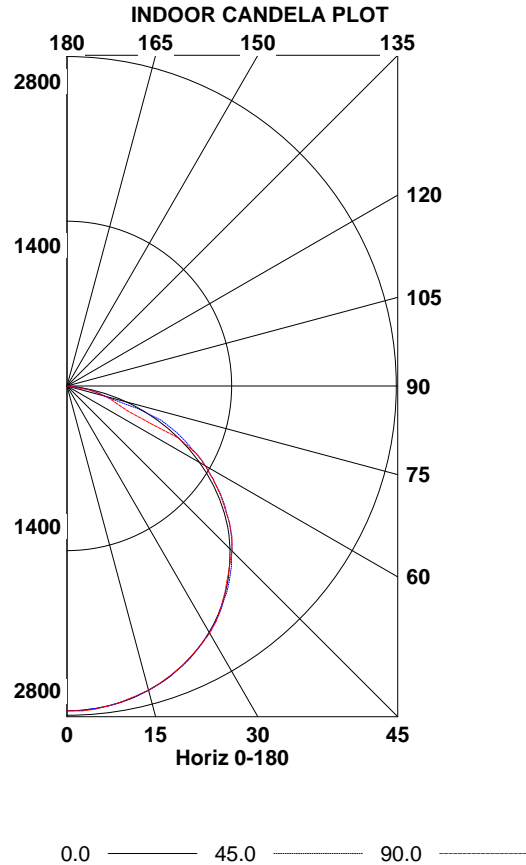
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2184	26.9	26.9
0-40	3618	44.5	44.5
0-60	6548	80.6	80.6
0-90	8123	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	8126	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	10678	10678	10678	10678	10678
30	10541	10437	10395	10405	10497
40	10412	10273	10263	10281	10244
45	10300	10141	10149	10184	10262
50	10110	9947	9999	10033	10154
55	9818	9654	9751	9788	9873
60	9391	9224	9387	9437	9577
65	8810	8655	8862	8927	8483
70	7971	7857	8152	4501	4583
75	6717	6705	3830	4020	4173
80	4901	4667	3141	3332	3275
85	2421	1825	969	1101	1107



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	85	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	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

ZONAL CAVITY METHOD

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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TEST #20501
DATE: 4/18/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2761	2761	2761	2761	2761
2.5	2759	2759	2759	2759	2764*
5.0	2752	2752	2752	2751	2757
7.5	2741	2740	2740	2740	2742
10.0	2725	2724	2724	2726	2722
12.5	2703	2702	2703	2705	2700
15.0	2677	2676	2680	2680	2676
17.5	2645	2644	2648	2649	2646
20.0	2610	2609	2612	2612	2608
22.5	2569	2569	2572	2572	2570
25.0	2523	2524	2526	2526	2523
27.5	2473	2474	2475	2476	2474
30.0	2416	2417	2420	2421	2427
32.5	2355	2357	2361	2361	2365
35.0	2287	2290	2295	2296	2287
37.5	2210	2216	2225	2226	2206
40.0	2133	2136	2150	2152	2125
42.5	2047	2052	2070	2071	2050
45.0	1960	1964	1983	1988	1982
47.5	1867	1871	1896	1898	1901
50.0	1762	1770	1798	1802	1801
52.5	1654	1666	1697	1701	1685
55.0	1541	1553	1588	1592	1582
57.5	1425	1437	1475	1480	1472
60.0	1300	1315	1358	1363	1359
62.5	1175	1192	1237	1243	1234
65.0	1047	1066	1111	1117	1039
67.5	915	937	984	785	571
70.0	784	808	857	472	468
72.5	650	677	598	404	405
75.0	518	548	322	337	338
77.5	391	423	259	271	275
80.0	271	280	196	207	194
82.5	166	113	138	48	48
85.0	80	69	39	44	41
87.5	18	24	31	26	22
90.0	2	7	9	5	0
92.5	0	4	4	3	0
95.0	0	3	3	2	0
97.5	0	1	3	2	0
100.0	0	1	2	1	0
102.5	0	0	1	1	0
105.0	0	0	1	1	0
107.5	0	0	1	1	0
110.0	0	0	1	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	1	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