

LUMINAIRE: PEL2-50LH-NL-EDU

Peloton Led Highbay, Industrial

PEL 2' HIGHBAY, NO LENS

BALLAST: XI095C275V054BSF1

BALLAST FACTOR: 1.00

LAMP: LED

FIXTURE LUMENS: 8818

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 #20402

DATE: 4/13/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 171

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.41

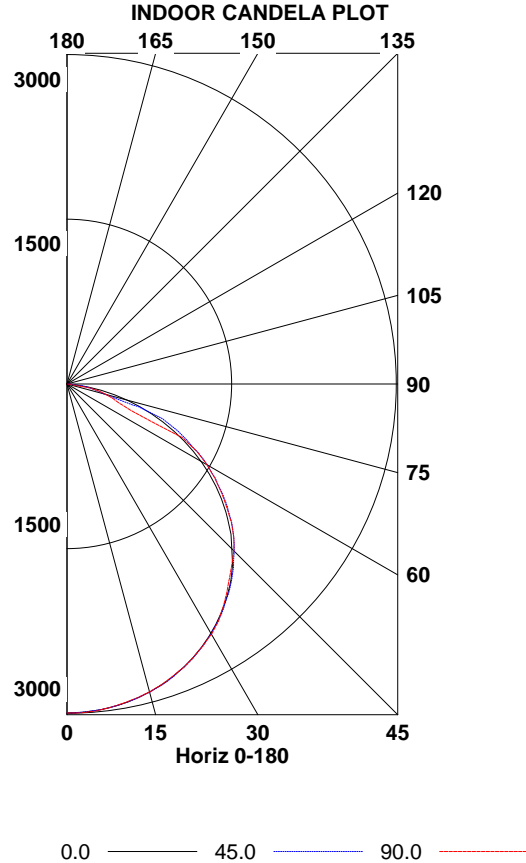
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2368	26.9	26.9
0-40	3924	44.5	44.5
0-60	7103	80.6	80.6
0-90	8815	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	8818	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	11583	11583	11583	11583	11583
30	11440	11322	11275	11286	11379
40	11344	11172	11132	11141	11107
45	11151	11024	11024	11040	11132
50	10959	10784	10873	10874	11017
55	10621	10450	10586	10606	10703
60	10186	9989	10182	10219	10388
65	9534	9353	9579	9678	9520
70	8612	8499	8818	4891	4955
75	7275	7244	4139	4378	4531
80	5299	5184	3414	3605	3595
85	2633	1984	1044	1176	1188



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	84	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	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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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2995	2995	2995	2995	2995
2.5	2992	2993	2993	2992	2997*
5.0	2985	2985	2985	2985	2990
7.5	2973	2972	2973	2972	2973
10.0	2954	2954	2955	2956	2952
12.5	2932	2931	2933	2934	2929
15.0	2903	2902	2906	2907	2902
17.5	2870	2868	2873	2872	2869
20.0	2830	2830	2834	2833	2828
22.5	2786	2786	2789	2789	2789
25.0	2737	2737	2740	2740	2738
27.5	2682	2682	2686	2686	2684
30.0	2622	2622	2625	2626	2631
32.5	2555	2555	2560	2560	2564
35.0	2481	2483	2489	2490	2479
37.5	2404	2406	2413	2414	2392
40.0	2324	2323	2332	2332	2304
42.5	2232	2235	2245	2245	2224
45.0	2122	2135	2154	2155	2150
47.5	2025	2033	2059	2058	2060
50.0	1910	1919	1955	1953	1954
52.5	1795	1804	1842	1844	1829
55.0	1667	1681	1724	1725	1715
57.5	1545	1555	1603	1603	1597
60.0	1410	1424	1473	1476	1474
62.5	1272	1289	1340	1344	1336
65.0	1133	1152	1201	1211	1166
67.5	991	1014	1064	900	632
70.0	847	874	927	513	506
72.5	703	732	681	438	440
75.0	561	592	348	367	367
77.5	423	457	280	294	299
80.0	293	311	213	224	213
82.5	179	122	150	52	51
85.0	87	75	42	47	44
87.5	19	26	33	27	23
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