

LUMINAIRE: PEL2-35MV-NL-EDU

Peloton Led Highbay, Industrial

2' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

Data Scaled from Test# 18.00543

BALLAST: OTi85HB

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 31883

WATTS: 206.46

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 1.30 90° = 1.29

LUMINOUS OPENING IN FEET

LENGTH: 1.96

WIDTH: 1.42

HEIGHT: 0.08

TEST #20436

DATE: 4/9/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 154

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.55

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

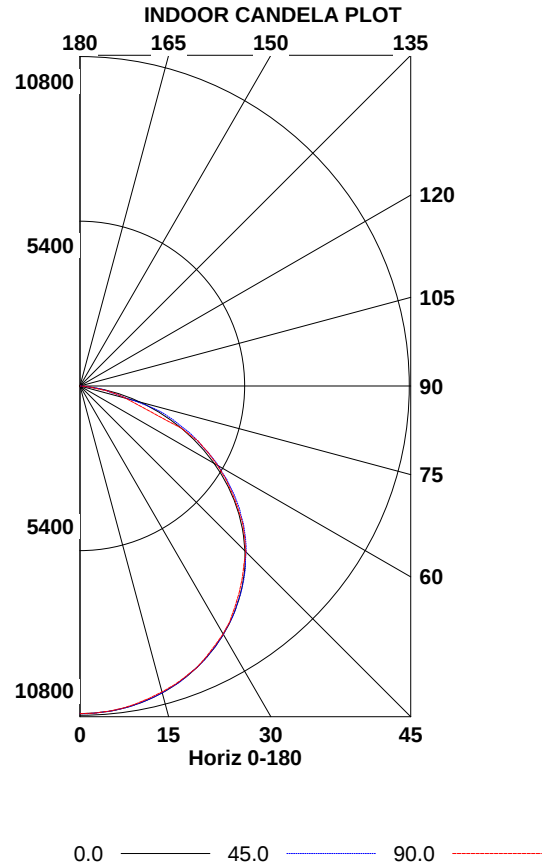
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8485	26.6	26.6
0-40	14054	44.1	44.1
0-60	25413	79.7	79.7
0-90	31875	100.0	100.0
90-120	8	0.0	0.0
90-130	8	0.0	0.0
90-150	8	0.0	0.0
90-180	8	0.0	0.0
0-180	31883	100.0	100.0

AVERAGE LUMINANCE

CANDELA/SQ M

ANGLE	0.0	22.5	45.0	67.5	90.0
0	41548	41548	41548	41548	41548
30	41038	40524	40394	40361	40595
40	40672	39986	39806	39795	39843
45	40206	39490	39407	39353	39827
50	39389	38692	38852	38735	39196
55	38298	37473	37775	37703	37962
60	36706	35776	36214	36237	36716
65	34324	33419	33954	34260	34929
70	31143	30174	30972	27032	24030
75	26233	25415	21622	18611	19224
80	19243	18769	13704	14437	15157
85	9410	7037	5469	4204	3887



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	80%				70%				50%				30%				10%				0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	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	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	86	84	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	72	72	70	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	61	59	59	59
R 4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	52	50	50	50
C 5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	45	43	43	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	40	38	38	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	35	33	33	33
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	31	29	29	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	28	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	26	24	24	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	10743*	10743	10743	10743	10743
2.5	10733	10735	10735	10733	10738
5.0	10709	10705	10709	10705	10705
7.5	10666	10659	10666	10659	10657
10.0	10599	10596	10599	10595	10580
12.5	10518	10513	10518	10510	10485
15.0	10416	10410	10417	10405	10385
17.5	10292	10285	10295	10285	10275
20.0	10153	10141	10154	10143	10132
22.5	9990	9985	9998	9983	9998
25.0	9818	9803	9816	9808	9797
27.5	9616	9605	9619	9610	9583
30.0	9406	9385	9404	9391	9386
32.5	9165	9145	9166	9157	9148
35.0	8897	8888	8910	8903	8852
37.5	8624	8611	8634	8630	8565
40.0	8332	8314	8339	8330	8265
42.5	8006	8002	8031	8016	7954
45.0	7651	7648	7700	7682	7692
47.5	7272	7284	7357	7335	7324
50.0	6865	6885	6986	6957	6952
52.5	6452	6462	6583	6561	6503
55.0	6011	6028	6152	6132	6083
57.5	5552	5577	5707	5691	5658
60.0	5081	5100	5239	5234	5210
62.5	4593	4610	4756	4761	4736
65.0	4079	4116	4257	4287	4278
67.5	3571	3611	3756	3770	3576
70.0	3063	3103	3256	2835	2454
72.5	2541	2585	2731	1965	1905
75.0	2023	2077	1818	1560	1557
77.5	1529	1591	1186	1220	1227
80.0	1064	1126	855	897	898
82.5	648	530	573	434	368
85.0	311	266	220	168	144
87.5	77	101	86	77	67
90.0	5	32	36	19	5
92.5	0	10	14	10	0
95.0	0	8	10	10	0
97.5	0	0	10	0	0
100.0	0	0	0	0	0
102.5	0	0	0	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