

LUMINAIRE: PEL2-30MV-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: 31350

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 #20435

DATE: 4/9/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 152

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.58

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

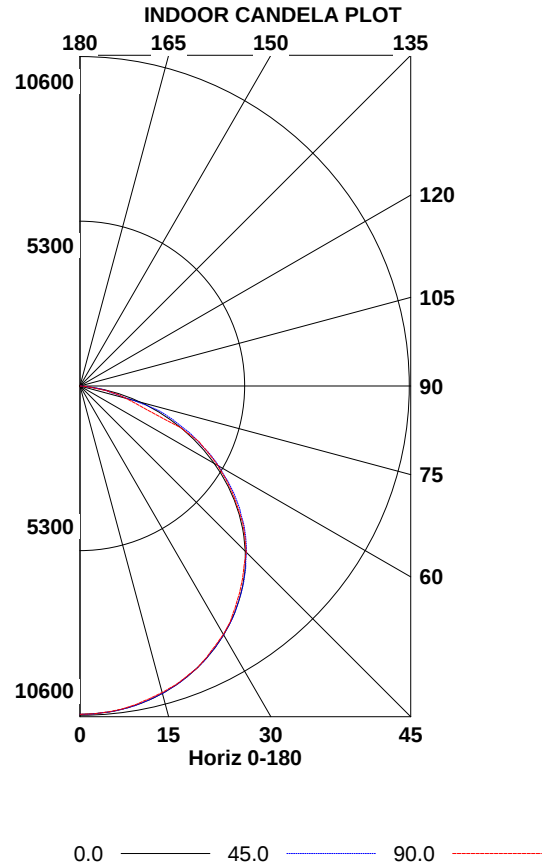
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8344	26.6	26.6
0-40	13819	44.1	44.1
0-60	24989	79.7	79.7
0-90	31343	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	31350	100.0	100.0

AVERAGE LUMINANCE

CANDELA/SQ M

ANGLE	0.0	22.5	45.0	67.5	90.0
0	40856	40856	40856	40856	40856
30	40353	39847	39719	39686	39920
40	39994	39317	39142	39131	39178
45	39533	38829	38752	38697	39159
50	38729	38046	38201	38089	38542
55	37661	36845	37149	37076	37331
60	36092	35179	35613	35628	36103
65	33751	32859	33388	33684	34349
70	30625	29669	30458	26574	23628
75	25805	24986	21266	18301	18903
80	18936	18453	13479	14196	14904
85	9259	6931	5394	4129	3806



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	50	50	50
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43	43	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38	38	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33	33
	8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29	29	29
	9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	26	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	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	10564*	10564	10564	10564	10564
2.5	10554	10556	10556	10554	10559
5.0	10531	10526	10531	10526	10526
7.5	10488	10481	10488	10481	10479
10.0	10422	10419	10422	10418	10403
12.5	10342	10338	10342	10335	10310
15.0	10242	10236	10243	10231	10211
17.5	10120	10113	10123	10113	10103
20.0	9983	9972	9984	9974	9963
22.5	9823	9818	9831	9817	9831
25.0	9654	9639	9652	9644	9634
27.5	9456	9444	9459	9449	9423
30.0	9249	9228	9247	9234	9230
32.5	9012	8992	9013	9004	8995
35.0	8748	8740	8762	8754	8704
37.5	8480	8467	8490	8486	8422
40.0	8193	8175	8200	8191	8127
42.5	7872	7869	7897	7882	7821
45.0	7523	7520	7572	7554	7563
47.5	7151	7162	7235	7213	7202
50.0	6750	6770	6869	6841	6836
52.5	6344	6354	6473	6452	6394
55.0	5911	5927	6050	6030	5982
57.5	5459	5484	5611	5596	5563
60.0	4996	5015	5152	5146	5123
62.5	4516	4533	4676	4682	4657
65.0	4011	4047	4186	4215	4207
67.5	3512	3550	3694	3707	3516
70.0	3012	3051	3202	2787	2413
72.5	2498	2542	2686	1932	1874
75.0	1990	2042	1788	1534	1531
77.5	1503	1565	1166	1199	1207
80.0	1047	1107	841	882	883
82.5	637	521	563	427	362
85.0	306	262	217	165	141
87.5	75	99	85	75	66
90.0	5	31	36	19	5
92.5	0	9	14	9	0
95.0	0	8	9	9	0
97.5	0	0	9	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