

LUMINAIRE: PEL4-35MV-HE-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00591

BALLAST: XI190C275V054BSG1

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 30689

WATTS: 182.29

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 1.30 90° = 1.29

LUMINOUS OPENING IN FEET

LENGTH: 3.78

WIDTH: 1.42

HEIGHT: 0.08

TEST #20571

DATE: 4/13/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 168

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.42

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

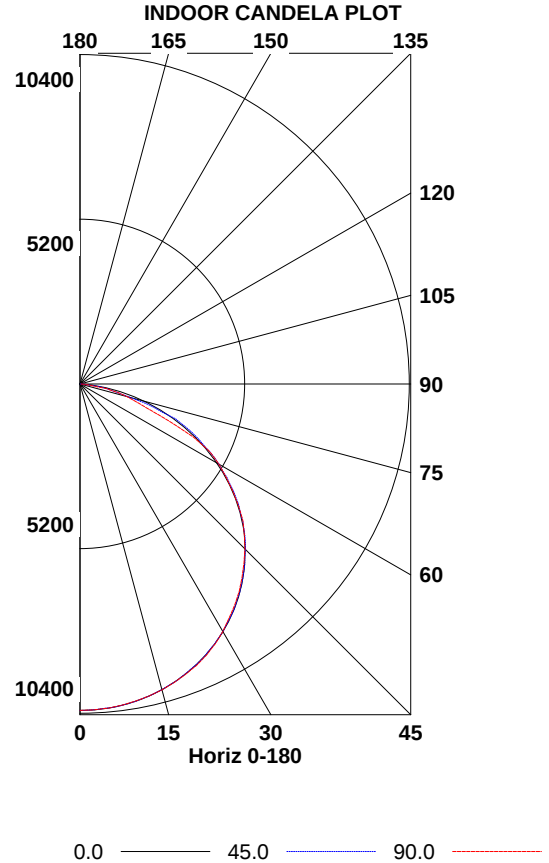
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8144	26.5	26.5
0-40	13488	43.9	43.9
0-60	24428	79.6	79.6
0-90	30686	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	30689	100.0	100.0

AVERAGE LUMINANCE

CANDELA/SQ M

ANGLE	0.0	22.5	45.0	67.5	90.0
0	20663	20663	20663	20663	20663
30	20648	20377	20246	20156	20231
40	20572	20181	20024	19894	19905
45	20479	20019	19864	19689	19770
50	20260	19748	19627	19426	19625
55	19870	19299	19199	18999	19056
60	19275	18608	18546	18365	18494
65	18361	17647	17600	17430	16680
70	17033	16263	16317	12534	11571
75	14901	14113	10678	9631	9776
80	11641	10461	7665	7561	7501
85	6855	4524	2985	1963	1876



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	68	63	72	67	62	70	65	61	61	59	59	59
R	4	82	70	62	80	69	61	54	66	59	54	64	58	53	62	57	52	52	50	50	50
C	5	76	63	54	74	62	53	47	59	52	46	57	51	46	56	50	45	45	43	43	43
R	6	70	56	47	68	55	47	41	54	46	40	52	45	40	50	44	40	40	37	37	37
	7	65	51	42	63	50	42	36	49	41	36	47	40	35	46	40	35	35	33	33	33
	8	60	46	38	59	46	38	32	44	37	32	43	36	31	42	36	31	31	29	29	29
	9	56	43	34	55	42	34	29	41	34	28	40	33	28	39	33	28	28	26	26	26
	10	53	39	31	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: _____

LUMINAIRE: PEL4-35MV-HE-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00591

TEST #20571

DATE: 4/13/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10304*	10304	10304	10304	10304
2.5	10299	10295	10295	10301	10295
5.0	10271	10271	10268	10276	10271
7.5	10227	10225	10228	10234	10223
10.0	10164	10162	10170	10172	10161
12.5	10088	10079	10089	10086	10089
15.0	9992	9983	9992	9988	9998
17.5	9871	9868	9877	9868	9883
20.0	9737	9732	9736	9734	9749
22.5	9593	9579	9592	9581	9614
25.0	9425	9407	9420	9407	9447
27.5	9232	9220	9230	9215	9246
30.0	9026	9009	9020	9007	9021
32.5	8795	8777	8790	8777	8762
35.0	8555	8528	8547	8533	8513
37.5	8287	8263	8287	8265	8259
40.0	7998	7975	8001	7983	7963
42.5	7691	7675	7704	7681	7666
45.0	7374	7349	7388	7360	7364
47.5	7033	7004	7057	7031	7038
50.0	6658	6640	6702	6673	6713
52.5	6269	6255	6321	6296	6306
55.0	5855	5844	5921	5901	5889
57.5	5428	5417	5502	5485	5468
60.0	4982	4970	5063	5056	5061
62.5	4520	4520	4608	4616	4606
65.0	4045	4047	4145	4147	3940
67.5	3560	3568	3671	3267	3031
70.0	3074	3087	3202	2491	2279
72.5	2580	2591	2434	1859	1848
75.0	2075	2101	1660	1522	1527
77.5	1590	1628	1179	1194	1206
80.0	1129	1117	870	878	857
82.5	716	536	582	383	354
85.0	370	289	211	144	134
87.5	125	88	84	88	86
90.0	10	19	17	10	0
92.5	0	10	8	0	0
95.0	0	0	3	0	0
97.5	0	0	0	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