

LUMINAIRE: PEL2-30LX-NL-EDU
Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00609
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12392
WATTS: 78.26
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 #20411

DATE: 4/17/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 158

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.51

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

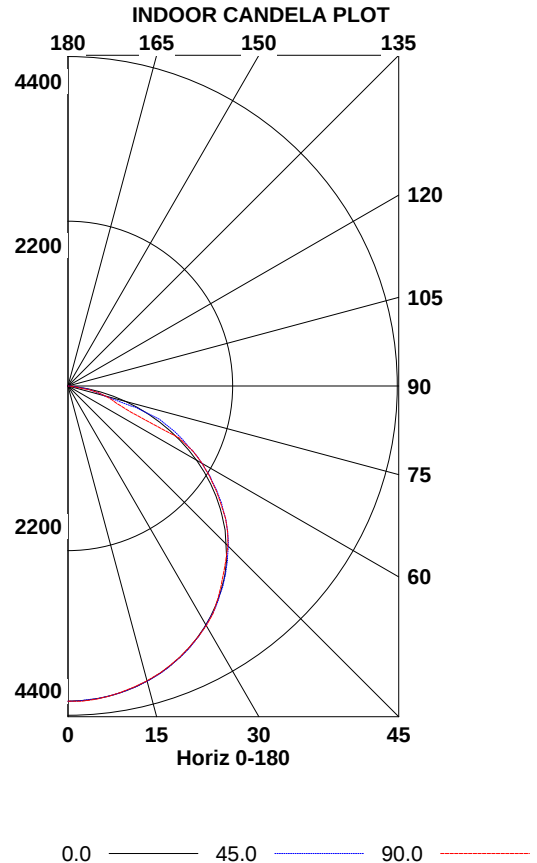
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3328	26.9	26.9
0-40	5515	44.5	44.5
0-60	9982	80.6	80.6
0-90	12388	100.0	100.0
90-120	4	0.0	0.0
90-130	5	0.0	0.0
90-150	5	0.0	0.0
90-180	5	0.0	0.0
0-180	12392	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	16282	16282	16282	16282	16282
30	16073	15908	15846	15859	15985
40	15938	15698	15638	15660	15614
45	15670	15485	15492	15517	15632
50	15394	15157	15283	15283	15482
55	14922	14690	14872	14910	15027
60	14318	14044	14302	14352	14595
65	13396	13137	13464	13586	13366
70	12099	11932	12395	6894	6962
75	10218	10168	5840	6144	6371
80	7451	7301	4808	5070	5030
85	3692	2778	1467	1651	1701

CANDELA/SQ M



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	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	87	87	85	85
2	99	91	84	79	97	89	83	78	86	81	76	82	78	74	79	76	73	73	73	71	71
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	61	61	59	59	59
R	4	83	71	62	80	69	61	55	67	60	54	65	58	53	62	57	53	53	50	50	50
C	5	76	63	54	74	62	54	47	60	52	47	58	51	46	56	50	46	46	43	43	43
R	6	70	57	48	68	56	47	41	54	46	41	52	45	40	51	45	40	40	38	38	38
	7	65	51	43	63	50	42	36	49	41	36	47	41	36	46	40	35	35	33	33	33
	8	60	47	38	59	46	38	32	45	37	32	43	37	32	42	36	32	32	30	30	30
	9	56	43	35	55	42	34	29	41	34	29	40	33	29	39	33	28	28	27	27	27
	10	53	39	32	51	39	31	26	38	31	26	37	31	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	4210	4210	4210	4210	4210
2.5	4206	4206	4206	4206	4214*
5.0	4196	4195	4195	4195	4202
7.5	4178	4177	4178	4178	4180
10.0	4153	4151	4153	4154	4149
12.5	4120	4118	4122	4124	4115
15.0	4081	4079	4084	4085	4078
17.5	4034	4031	4037	4037	4032
20.0	3978	3976	3982	3982	3974
22.5	3916	3916	3921	3920	3917
25.0	3846	3846	3851	3851	3845
27.5	3769	3769	3774	3775	3770
30.0	3684	3684	3689	3690	3696
32.5	3590	3591	3598	3598	3605
35.0	3487	3489	3497	3500	3484
37.5	3379	3381	3390	3393	3361
40.0	3265	3264	3276	3278	3239
42.5	3137	3140	3155	3155	3124
45.0	2982	2999	3027	3029	3019
47.5	2846	2856	2893	2892	2894
50.0	2683	2697	2748	2745	2746
52.5	2523	2536	2589	2591	2569
55.0	2342	2363	2422	2425	2408
57.5	2171	2185	2252	2252	2243
60.0	1982	2002	2069	2073	2071
62.5	1788	1811	1882	1889	1876
65.0	1592	1618	1688	1700	1637
67.5	1393	1424	1495	1267	899
70.0	1190	1227	1303	723	711
72.5	987	1028	958	615	618
75.0	788	831	491	515	516
77.5	593	642	393	414	420
80.0	412	438	300	315	298
82.5	252	171	210	73	71
85.0	122	105	59	66	63
87.5	27	37	46	38	33
90.0	3	9	12	7	0
92.5	0	6	6	4	0
95.0	0	4	5	3	0
97.5	0	2	4	2	0
100.0	0	1	3	2	0
102.5	0	1	2	2	0
105.0	0	0	1	1	0
107.5	0	0	1	1	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	1
130.0	0	0	0	0	1
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