

LUMINAIRE: PEL2-30MH-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 6 LED Boards
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 25356
WATTS: 158.64
MOUNTING: pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.29 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 1.96
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #18.01262
 DATE: 8/8/2018

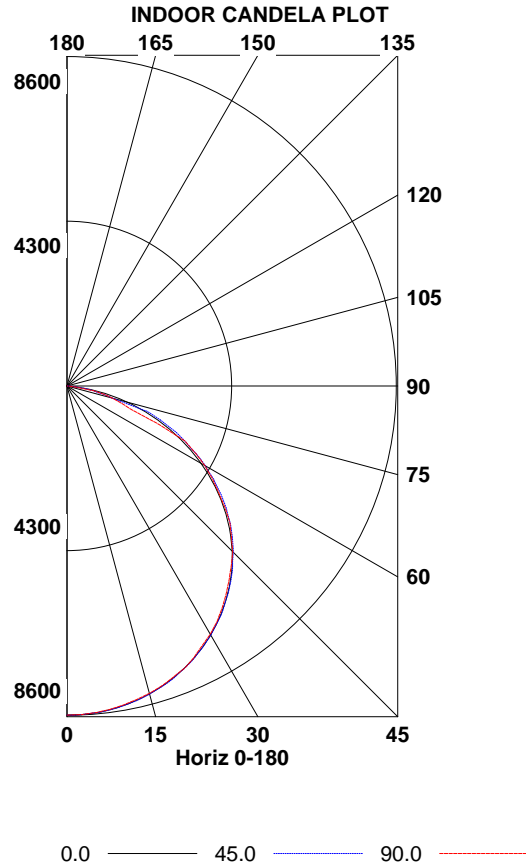
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 160
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.51
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6781	26.7	26.7
0-40	11224	44.3	44.3
0-60	20276	80.0	80.0
0-90	25351	100.0	100.0
90-120	4	0.0	0.0
90-130	4	0.0	0.0
90-150	4	0.0	0.0
90-180	4	0.0	0.0
0-180	25356	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	33225	33225	33225	33225	33225
30	32744	32376	32263	32230	32356
40	32413	31901	31758	31745	31764
45	32050	31497	31413	31351	31693
50	31408	30836	30932	30862	31281
55	30506	29870	30100	30029	30148
60	29208	28529	28853	28843	29274
65	27365	26623	27047	27235	27695
70	24829	24077	24723	18183	17361
75	20891	20349	14760	14757	15187
80	15300	15052	10899	11428	12102
85	7262	5635	4101	2527	2429



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%				10%	
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	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59
R	4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	50
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	43
R	6	70	57	48	41	68	56	47	41	54	46	40	52	45	40	50	44	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	30
	9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	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: PEL2-30MH-NL-EDU
Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 6 LED Boards, No Lens

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	8591*	8591	8591	8591	8591
2.5	8586	8584	8586	8584	8586
5.0	8566	8561	8564	8561	8561
7.5	8526	8524	8529	8521	8517
10.0	8471	8471	8476	8471	8457
12.5	8406	8401	8411	8406	8387
15.0	8321	8321	8329	8321	8307
17.5	8221	8221	8231	8223	8213
20.0	8111	8104	8119	8106	8093
22.5	7986	7981	7988	7978	7984
25.0	7836	7831	7843	7836	7829
27.5	7676	7673	7683	7674	7640
30.0	7505	7498	7511	7499	7481
32.5	7310	7303	7313	7306	7291
35.0	7100	7096	7113	7102	7067
37.5	6875	6871	6886	6882	6828
40.0	6640	6633	6653	6645	6589
42.5	6380	6380	6400	6388	6350
45.0	6099	6100	6138	6120	6121
47.5	5794	5808	5860	5846	5822
50.0	5474	5487	5562	5543	5548
52.5	5144	5152	5245	5227	5190
55.0	4788	4805	4902	4884	4831
57.5	4423	4442	4547	4534	4502
60.0	4043	4067	4174	4166	4154
62.5	3653	3674	3787	3793	3765
65.0	3252	3279	3391	3408	3392
67.5	2842	2879	2996	2976	2535
70.0	2442	2476	2599	1907	1773
72.5	2026	2066	2171	1505	1494
75.0	1611	1663	1241	1237	1230
77.5	1221	1271	930	966	966
80.0	846	903	680	710	717
82.5	515	385	453	275	274
85.0	240	213	165	101	90
87.5	55	78	78	70	60
90.0	5	23	23	11	0
92.5	0	10	10	4	0
95.0	0	0	10	1	0
97.5	0	0	0	1	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