

Hubbell Lighting, Inc.

LUMINAIRE: PEL2-30LH-HE-NL-EDU

Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00615

BALLAST: XI095C275V054BSF1

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 7990

WATTS: 48.63

MOUNTING: Pendant

SHIELDING ANGLE: $0^\circ = 90$ $90^\circ = 90$

SPACING CRITERION: $0^\circ = 1.30$ $90^\circ = 1.30$

LUMINOUS OPENING IN FEET

LENGTH: 1.96

WIDTH: 1.42

HEIGHT: 0.08

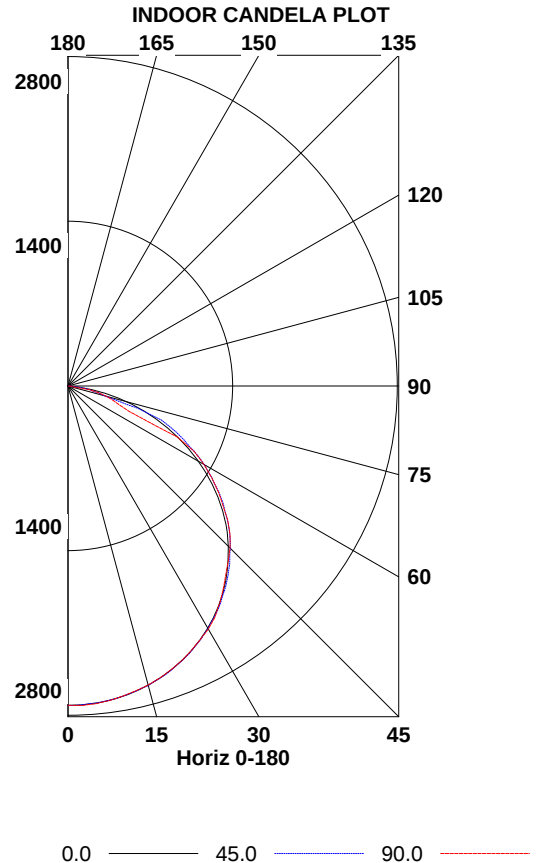
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2147	26.9	26.9
0-40	3557	44.5	44.5
0-60	6439	80.6	80.6
0-90	7987	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	7990	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	10500	10500	10500	10500	10500
30	10366	10264	10219	10229	10320
40	10236	10105	10091	10109	10070
45	10126	9971	9980	10015	10091
50	9938	9784	9833	9866	9985
55	9659	9493	9591	9629	9704
60	9233	9070	9235	9277	9422
65	8667	8509	8718	8775	8344
70	7839	7721	8019	4424	4504
75	6613	6595	3770	3961	4112
80	4829	4584	3093	3267	3224
85	2390	1799	969	1076	1107

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%	0%
R C R	0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	85
	2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	71
	3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	59
	4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	51
	5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	44
	6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	38
	7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	30
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	27
10	53	39	32	26	51	39	31	26	38	31	26	37	31	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.

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

Data Scaled from Test# 18.00615

TEST #20500

DATE: 4/18/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2715	2715	2715	2715	2715
2.5	2713	2713	2713	2713	2718*
5.0	2706	2706	2706	2705	2711
7.5	2695	2694	2694	2694	2696
10.0	2679	2678	2678	2680	2676
12.5	2658	2656	2658	2660	2655
15.0	2632	2631	2635	2635	2631
17.5	2601	2600	2604	2605	2602
20.0	2566	2565	2569	2568	2564
22.5	2526	2526	2529	2529	2527
25.0	2481	2482	2484	2484	2481
27.5	2431	2432	2434	2435	2432
30.0	2376	2377	2379	2380	2386
32.5	2315	2317	2321	2321	2326
35.0	2249	2251	2257	2258	2249
37.5	2173	2179	2188	2189	2169
40.0	2097	2101	2114	2116	2089
42.5	2013	2018	2036	2037	2016
45.0	1927	1931	1950	1955	1949
47.5	1836	1840	1864	1866	1869
50.0	1732	1741	1768	1772	1771
52.5	1627	1638	1668	1673	1657
55.0	1516	1527	1562	1566	1555
57.5	1401	1413	1451	1455	1448
60.0	1278	1293	1336	1340	1337
62.5	1156	1172	1216	1222	1213
65.0	1030	1048	1093	1098	1022
67.5	900	921	967	772	561
70.0	771	794	843	464	460
72.5	640	666	588	398	398
75.0	510	539	317	332	333
77.5	384	416	254	267	270
80.0	267	275	193	203	191
82.5	163	111	136	47	47
85.0	79	68	39	43	41
87.5	18	24	30	25	22
90.0	2	7	8	5	0
92.5	0	4	4	3	0
95.0	0	3	3	2	0
97.5	0	1	3	2	0
100.0	0	1	2	1	0
102.5	0	0	1	1	0
105.0	0	0	1	1	0
107.5	0	0	1	1	0
110.0	0	0	1	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	1	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