

**LUMINAIRE:** PEL2-30ML-NL-EDU  
 Peloton Led Highbay, Industrial  
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens  
 Data Scaled from Test# 18.00957  
**BALLAST:** XI095C275V054BSF1  
**BALLAST FACTOR:** 1.00  
**LAMP:** LED  
**FIXTURE LUMENS:** 15900  
**WATTS:** 99.50  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.30  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.78  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #20441

DATE: 6/6/2018

**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**

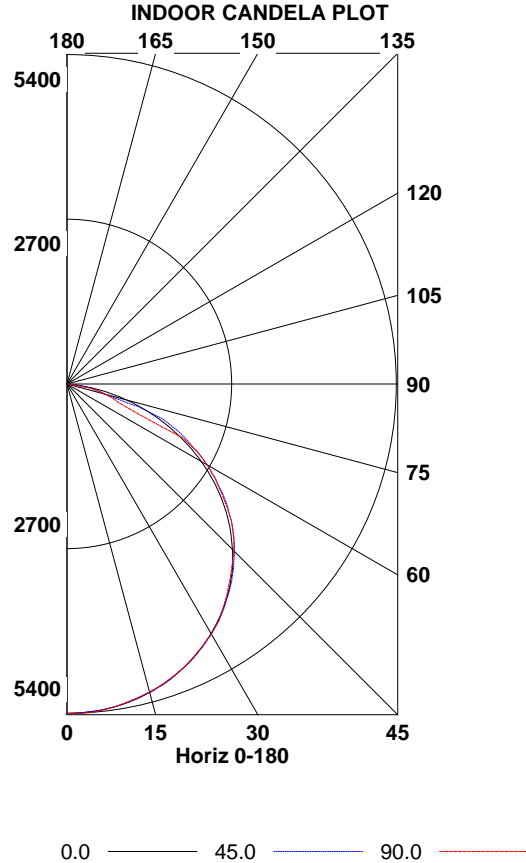
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4268	26.8	26.8
0-40	7073	44.5	44.5
0-60	12803	80.5	80.5
0-90	15894	100.0	100.0
90-120	7	0.0	0.0
90-130	7	0.0	0.0
90-150	7	0.0	0.0
90-180	7	0.0	0.0
0-180	15900	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	10827	10827	10827	10827	10827
30	10809	10685	10621	10592	10617
40	10769	10593	10514	10474	10398
45	10653	10487	10437	10387	10387
50	10492	10302	10320	10250	10302
55	10225	10016	10084	10013	9973
60	9842	9619	9729	9666	9709
65	9278	9070	9210	9175	8840
70	8483	8303	8505	4810	4636
75	7253	7161	4110	4170	4219
80	5444	5263	3366	3470	3483
85	2835	2098	1047	1145	1120



**COEFFICIENTS OF UTILIZATION (%)**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	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%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85	85
2	99	91	84	79	97	89	83	78	86	81	76	82	78	74	79	76	73	71	71
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	61	59	59
R	4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50
C	5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
R	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
	10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24

**ZONAL CAVITY METHOD**

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	5399	5399	5399	5399	5399
2.5	5395	5394	5394	5394	5405*
5.0	5382	5381	5381	5381	5393
7.5	5358	5357	5358	5358	5363
10.0	5326	5325	5326	5328	5321
12.5	5285	5283	5287	5288	5276
15.0	5234	5231	5238	5238	5228
17.5	5173	5170	5177	5177	5171
20.0	5102	5100	5107	5107	5096
22.5	5022	5022	5027	5028	5023
25.0	4932	4932	4938	4940	4928
27.5	4833	4832	4840	4841	4828
30.0	4725	4724	4732	4733	4734
32.5	4605	4605	4613	4614	4622
35.0	4473	4475	4485	4488	4468
37.5	4334	4335	4348	4351	4315
40.0	4187	4186	4201	4203	4160
42.5	4020	4026	4046	4046	4008
45.0	3836	3850	3882	3883	3869
47.5	3647	3664	3711	3708	3704
50.0	3448	3464	3524	3521	3524
52.5	3237	3253	3321	3322	3301
55.0	3013	3033	3110	3110	3082
57.5	2783	2803	2888	2891	2875
60.0	2544	2569	2656	2661	2657
62.5	2297	2328	2414	2425	2409
65.0	2044	2080	2169	2183	2088
67.5	1787	1829	1918	1627	1200
70.0	1531	1576	1669	956	913
72.5	1270	1320	1230	788	791
75.0	1010	1066	639	659	659
77.5	762	822	503	531	537
80.0	528	562	382	403	398
82.5	321	218	269	92	89
85.0	153	134	74	84	80
87.5	32	46	59	50	44
90.0	4	12	16	8	1
92.5	0	8	8	5	0
95.0	0	5	7	4	0
97.5	0	3	5	3	0
100.0	0	2	4	3	0
102.5	0	1	3	2	0
105.0	0	1	2	2	0
107.5	0	1	2	1	0
110.0	0	1	1	1	0
112.5	0	1	1	1	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