

**LUMINAIRE:** PEL4-35MM-NL-EDU  
 Peloton Led Highbay, Industrial  
 4' Linear, Dual-Segment w/ 4 LED Boards, No Lens  
 Data Scaled from Test# 18.00631  
**BALLAST:** XI190C275V054BSG1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 18697  
**WATTS:** 114.33  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.30  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.79  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #20452  
 DATE: 4/20/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 164**

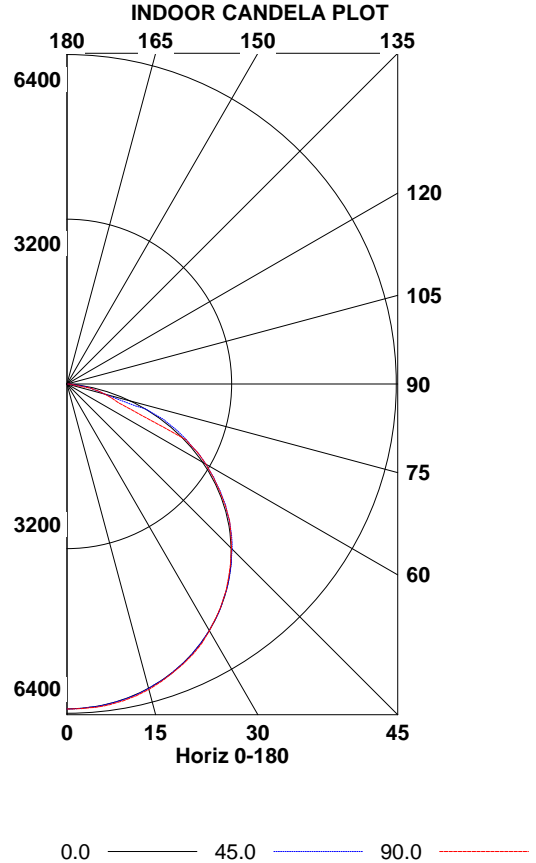
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.46**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4993	26.7	26.7
0-40	8270	44.2	44.2
0-60	14986	80.2	80.2
0-90	18691	100.0	100.0
90-120	5	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	18697	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	12624	12624	12624	12624	12624
30	12618	12458	12380	12327	12380
40	12576	12345	12254	12184	12193
45	12493	12253	12161	12073	12103
50	12359	12079	12022	11925	12016
55	12122	11799	11762	11673	11683
60	11735	11372	11385	11292	11353
65	11183	10817	10834	10761	10733
70	10391	9995	10069	5546	5358
75	9098	8745	4799	4803	4891
80	7149	6745	3955	3942	4059
85	4308	2561	1129	1279	1298



**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	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70	70
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59	59
R	4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
R	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
	9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	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	6312	6312	6312	6312	6312
2.5	6307	6307	6307	6308	6314*
5.0	6290	6291	6293	6295	6306
7.5	6264	6264	6268	6271	6285
10.0	6228	6228	6233	6235	6251
12.5	6180	6179	6186	6184	6204
15.0	6119	6120	6125	6122	6143
17.5	6049	6049	6052	6049	6065
20.0	5966	5967	5968	5967	5976
22.5	5876	5874	5877	5874	5890
25.0	5772	5769	5772	5768	5791
27.5	5656	5652	5657	5650	5677
30.0	5530	5522	5530	5523	5535
32.5	5390	5381	5391	5384	5386
35.0	5238	5229	5242	5235	5233
37.5	5076	5065	5080	5075	5074
40.0	4902	4891	4909	4902	4891
42.5	4716	4707	4728	4718	4706
45.0	4510	4510	4535	4525	4520
47.5	4295	4296	4333	4323	4323
50.0	4072	4072	4116	4107	4121
52.5	3828	3827	3886	3877	3880
55.0	3581	3582	3637	3635	3620
57.5	3319	3313	3383	3381	3368
60.0	3041	3045	3116	3117	3115
62.5	2760	2769	2842	2846	2843
65.0	2470	2487	2558	2567	2542
67.5	2175	2193	2269	2110	1508
70.0	1880	1902	1981	1105	1058
72.5	1575	1603	1580	911	917
75.0	1270	1305	748	761	766
77.5	976	1017	593	609	619
80.0	695	722	450	459	465
82.5	442	270	313	101	103
85.0	233	164	80	94	93
87.5	80	45	64	58	57
90.0	5	13	11	6	2
92.5	1	6	5	4	1
95.0	1	4	5	3	1
97.5	1	2	4	3	1
100.0	1	2	3	2	1
102.5	1	1	2	2	1
105.0	1	1	2	2	1
107.5	1	1	2	1	1
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