

**LUMINAIRE:** PEL2-50MH-EDU  
 Peloton Led Highbay, Industrial  
 2' Linear, Dual-Segment w/ 6 LED Boards  
**BALLAST:** XI190C275V054BSG1  
**BALLAST FACTOR:** 1.00  
**LAMP:** LED  
**FIXTURE LUMENS:** 26558  
**WATTS:** 159.08  
**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 #18.00919  
 DATE: 5/31/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 167**

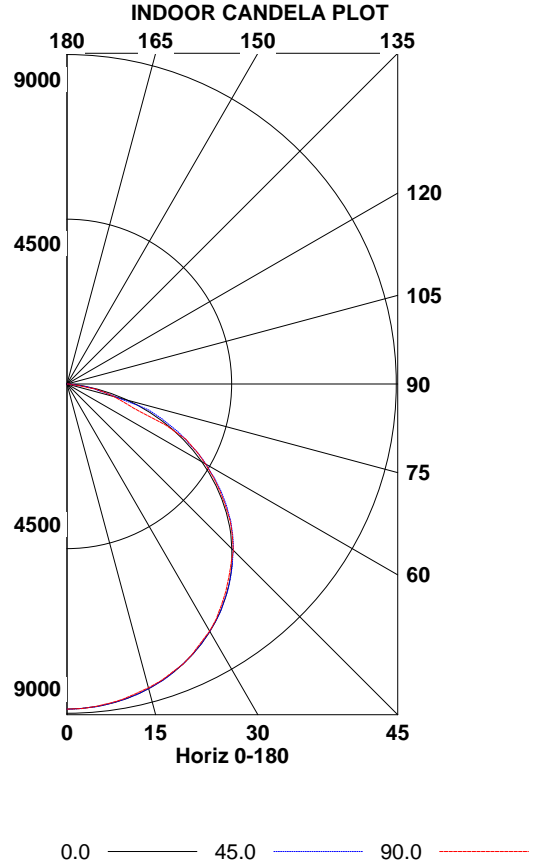
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.44**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7029	26.5	26.5
0-40	11661	43.9	43.9
0-60	21154	79.7	79.7
0-90	26553	100.0	100.0
90-120	6	0.0	0.0
90-130	6	0.0	0.0
90-150	6	0.0	0.0
90-180	6	0.0	0.0
0-180	26558	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	34347	34347	34347	34347	34347
30	34053	33650	33530	33545	33714
40	33853	33329	33156	33164	33186
45	33469	32911	32872	32863	33272
50	32899	32308	32484	32398	32803
55	32010	31325	31629	31610	31833
60	30725	29960	30366	30401	30853
65	28837	28028	28523	28793	29320
70	26151	25400	26064	21091	19026
75	22123	21462	16865	15783	16298
80	16295	16019	11780	12281	12946
85	7867	6217	4599	2752	2294



**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	100	
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70	
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59	
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29
	9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	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:** PEL2-50MH-NL-EDU  
Peloton Led Highbay, Industrial  
2' Linear, Dual-Segment w/ 6 LED Boards, No Lens

TEST #18.00919  
DATE: 5/31/2018

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	8881*	8881	8881	8881	8881
2.5	8871	8876	8871	8874	8876
5.0	8851	8851	8854	8854	8846
7.5	8816	8819	8814	8814	8802
10.0	8766	8766	8764	8764	8747
12.5	8696	8699	8699	8694	8667
15.0	8616	8616	8616	8614	8592
17.5	8521	8518	8524	8513	8508
20.0	8406	8403	8406	8403	8388
22.5	8286	8276	8281	8273	8284
25.0	8136	8131	8136	8133	8129
27.5	7986	7971	7979	7978	7950
30.0	7805	7793	7806	7805	7795
32.5	7615	7600	7616	7613	7601
35.0	7405	7390	7411	7405	7362
37.5	7175	7168	7186	7183	7133
40.0	6935	6930	6946	6942	6884
42.5	6670	6670	6693	6685	6640
45.0	6369	6374	6423	6415	6426
47.5	6069	6079	6143	6129	6122
50.0	5734	5749	5841	5819	5818
52.5	5389	5404	5503	5491	5454
55.0	5024	5039	5151	5141	5101
57.5	4648	4666	4781	4773	4747
60.0	4253	4271	4393	4391	4378
62.5	3843	3868	3993	3998	3980
65.0	3427	3452	3576	3603	3591
67.5	2997	3032	3153	3170	2889
70.0	2572	2612	2740	2212	1943
72.5	2137	2182	2303	1616	1599
75.0	1706	1754	1418	1323	1320
77.5	1291	1343	998	1041	1046
80.0	901	961	735	763	767
82.5	550	425	493	303	299
85.0	260	235	185	110	85
87.5	60	83	75	60	50
90.0	0	25	30	13	0
92.5	0	10	10	10	0
95.0	0	3	10	5	0
97.5	0	0	2	0	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