

**LUMINAIRE:** PEL4-35MX-NL-EDU  
 Peloton Led Highbay, Industrial  
 4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
 Data Scaled from Test# 18.00579  
**BALLAST:** XI095C275V054BSF1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 37039  
**WATTS:** 230.43  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.29  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.78  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #20474

DATE: 4/17/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 161**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.49**

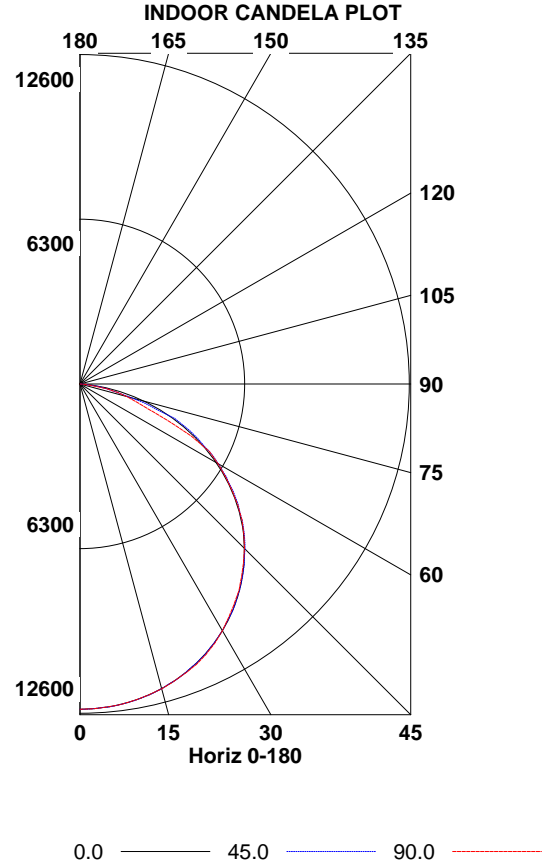
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	9832	26.5	26.5
0-40	16284	44.0	44.0
0-60	29491	79.6	79.6
0-90	37034	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	37039	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	24947	24947	24947	24947	24947
30	24931	24603	24450	24330	24438
40	24831	24359	24179	24023	24041
45	24689	24162	23999	23779	23881
50	24439	23831	23689	23469	23666
55	23946	23278	23190	22950	23001
60	23264	22468	22407	22164	22283
65	22151	21306	21252	21015	19792
70	20569	19640	19665	14864	13912
75	18003	17082	12839	11624	11837
80	14167	12484	9268	9205	9269
85	8449	5620	3721	2413	2351



**COEFFICIENTS OF UTILIZATION (%)**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%															
	80%				70%				50%				30%			
	RW	70%	50%	30%	10%	70%	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	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	59
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	50
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	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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Peloton Led Highbay, Industrial  
4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
Data Scaled from Test# 18.00579

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	12440*	12440	12440	12440	12440
2.5	12430	12428	12430	12433	12430
5.0	12397	12397	12403	12401	12397
7.5	12344	12344	12351	12353	12349
10.0	12272	12272	12279	12275	12272
12.5	12180	12171	12186	12176	12176
15.0	12060	12055	12066	12052	12071
17.5	11917	11916	11922	11911	11927
20.0	11753	11748	11758	11748	11774
22.5	11580	11569	11581	11564	11616
25.0	11373	11358	11375	11353	11410
27.5	11147	11126	11145	11121	11170
30.0	10898	10877	10893	10872	10897
32.5	10619	10599	10616	10595	10586
35.0	10321	10296	10325	10301	10279
37.5	10000	9975	10004	9980	9978
40.0	9654	9626	9661	9640	9618
42.5	9284	9257	9302	9272	9254
45.0	8890	8870	8926	8889	8895
47.5	8482	8451	8523	8488	8502
50.0	8031	8013	8089	8062	8095
52.5	7569	7544	7639	7603	7611
55.0	7056	7049	7152	7128	7108
57.5	6551	6532	6644	6625	6601
60.0	6013	6001	6117	6102	6098
62.5	5451	5456	5565	5569	5566
65.0	4880	4886	5005	5000	4675
67.5	4294	4304	4427	3864	3597
70.0	3712	3728	3859	2954	2740
72.5	3113	3130	2881	2242	2227
75.0	2507	2543	1996	1837	1849
77.5	1926	1972	1422	1445	1461
80.0	1374	1333	1052	1069	1059
82.5	874	653	705	473	431
85.0	456	359	263	177	168
87.5	158	112	105	107	105
90.0	10	26	22	10	5
92.5	0	10	10	7	0
95.0	0	0	10	0	0
97.5	0	0	0	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