

**LUMINAIRE:** PEL4-35MH-HE-NL-EDU  
 Peloton Led Highbay, Industrial  
 4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
 Data Scaled from Test# 18.00971  
**BALLAST:** XI190C275V054BSG1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 25652  
**WATTS:** 154.06  
**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 #20562

DATE: 6/6/2018

**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**

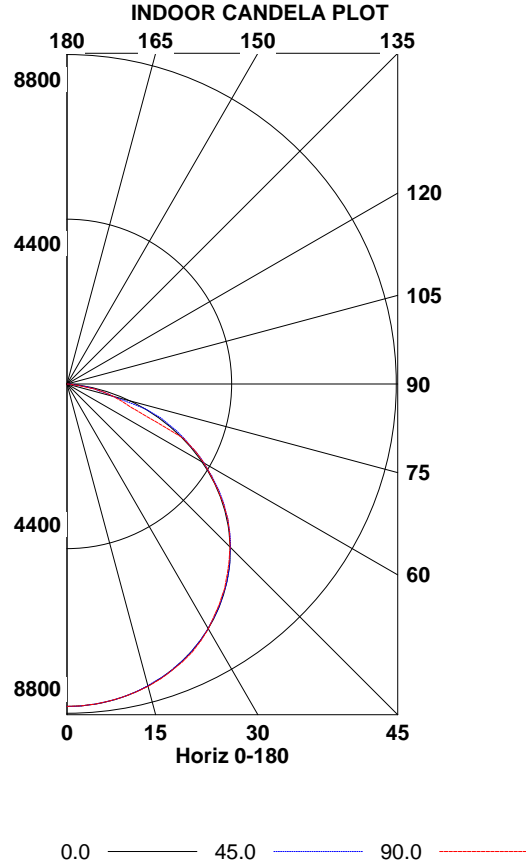
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6807	26.5	26.5
0-40	11274	44.0	44.0
0-60	20420	79.6	79.6
0-90	25649	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	25652	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	17270	17270	17270	17270	17270
30	17262	17028	16922	16849	16930
40	17210	16884	16751	16622	16643
45	17130	16753	16616	16452	16538
50	16925	16512	16414	16235	16398
55	16595	16129	16053	15883	15917
60	16110	15553	15498	15346	15439
65	15351	14748	14713	14588	14538
70	14235	13592	13642	9440	9215
75	12488	11829	8169	8068	8188
80	9806	9121	6414	6372	6582
85	5873	3898	2575	1377	1274



**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%	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	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	72	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	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	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: \_\_\_\_\_

**LUMINAIRE:** PEL4-35MH-HE-NL-EDU  
Peloton Led Highbay, Industrial  
4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
Data Scaled from Test# 18.00971

TEST #20562  
DATE: 6/6/2018

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	8612*	8612	8612	8612	8612
2.5	8608	8603	8608	8608	8608
5.0	8584	8582	8584	8587	8584
7.5	8545	8545	8545	8548	8545
10.0	8497	8493	8497	8493	8497
12.5	8434	8426	8430	8426	8435
15.0	8348	8342	8346	8347	8363
17.5	8252	8244	8250	8244	8268
20.0	8142	8129	8143	8134	8153
22.5	8017	8002	8018	8005	8042
25.0	7878	7858	7875	7863	7904
27.5	7719	7705	7716	7701	7736
30.0	7546	7528	7539	7529	7549
32.5	7358	7339	7352	7337	7329
35.0	7148	7131	7149	7127	7123
37.5	6931	6911	6923	6906	6907
40.0	6691	6672	6693	6670	6658
42.5	6437	6418	6442	6419	6409
45.0	6168	6150	6180	6150	6160
47.5	5874	5858	5902	5874	5887
50.0	5562	5552	5605	5577	5609
52.5	5240	5229	5289	5263	5269
55.0	4890	4884	4951	4933	4919
57.5	4534	4523	4598	4584	4565
60.0	4164	4154	4231	4225	4225
62.5	3780	3776	3856	3854	3851
65.0	3382	3382	3465	3471	3434
67.5	2978	2981	3068	2905	2390
70.0	2569	2580	2677	1876	1815
72.5	2156	2171	2166	1543	1542
75.0	1739	1761	1270	1275	1279
77.5	1335	1366	983	997	1006
80.0	951	974	728	740	752
82.5	605	438	491	292	297
85.0	317	249	182	101	91
87.5	105	77	72	72	72
90.0	10	19	14	10	0
92.5	0	10	10	0	0
95.0	0	0	0	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