

**LUMINAIRE:** PEL4-30MH-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:** 25224  
**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 #20561

DATE: 6/6/2018

**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**

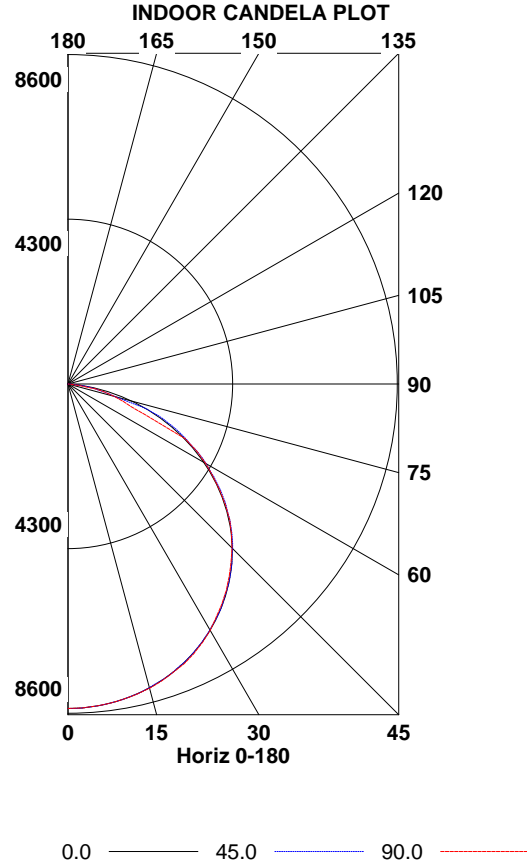
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6693	26.5	26.5
0-40	11086	44.0	44.0
0-60	20079	79.6	79.6
0-90	25221	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	25224	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	16983	16983	16983	16983	16983
30	16974	16743	16639	16567	16647
40	16922	16600	16470	16343	16365
45	16844	16475	16339	16179	16261
50	16642	16235	16142	15962	16123
55	16317	15858	15784	15615	15652
60	15843	15295	15242	15089	15179
65	15092	14499	14466	14345	14297
70	13997	13365	13413	9279	9063
75	12279	11628	8034	7935	8054
80	9641	8972	6308	6260	6468
85	5781	3835	2532	1350	1246



**COEFFICIENTS OF UTILIZATION (%)**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%															
	80%				70%				50%				30%			
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30

**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:** PEL4-30MH-HE-NL-EDU  
Peloton Led Highbay, Industrial  
4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
Data Scaled from Test# 18.00971

TEST #20561  
DATE: 6/6/2018

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	8469*	8469	8469	8469	8469
2.5	8464	8459	8464	8464	8464
5.0	8440	8438	8440	8443	8440
7.5	8403	8403	8403	8405	8403
10.0	8356	8351	8356	8351	8356
12.5	8293	8285	8290	8285	8294
15.0	8209	8203	8207	8208	8224
17.5	8114	8106	8113	8106	8129
20.0	8006	7993	8007	7999	8016
22.5	7883	7869	7885	7871	7908
25.0	7746	7727	7743	7732	7772
27.5	7590	7577	7587	7573	7607
30.0	7420	7402	7413	7403	7423
32.5	7236	7217	7229	7215	7206
35.0	7028	7012	7029	7008	7004
37.5	6815	6796	6808	6791	6792
40.0	6579	6560	6581	6558	6547
42.5	6329	6310	6334	6311	6302
45.0	6065	6048	6077	6048	6057
47.5	5776	5760	5804	5775	5789
50.0	5469	5459	5512	5483	5515
52.5	5153	5141	5201	5175	5181
55.0	4808	4802	4868	4850	4837
57.5	4458	4447	4522	4507	4489
60.0	4095	4085	4161	4154	4154
62.5	3717	3713	3792	3790	3787
65.0	3325	3325	3407	3413	3377
67.5	2929	2932	3016	2856	2350
70.0	2526	2537	2632	1844	1785
72.5	2120	2135	2130	1518	1517
75.0	1710	1731	1249	1254	1258
77.5	1313	1343	966	981	989
80.0	935	958	716	727	739
82.5	595	430	483	287	292
85.0	312	245	179	99	89
87.5	104	75	71	71	71
90.0	9	19	14	9	0
92.5	0	9	9	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