

**LUMINAIRE:** PEL4-30HM-NL-EDU  
 Peloton Led Highbay, Industrial  
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens  
 Data Scaled from Test# 18.00585  
**BALLAST:** XI095C275V054BSF1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 47524  
**WATTS:** 297.30  
**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 #20482  
 DATE: 4/10/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 160**

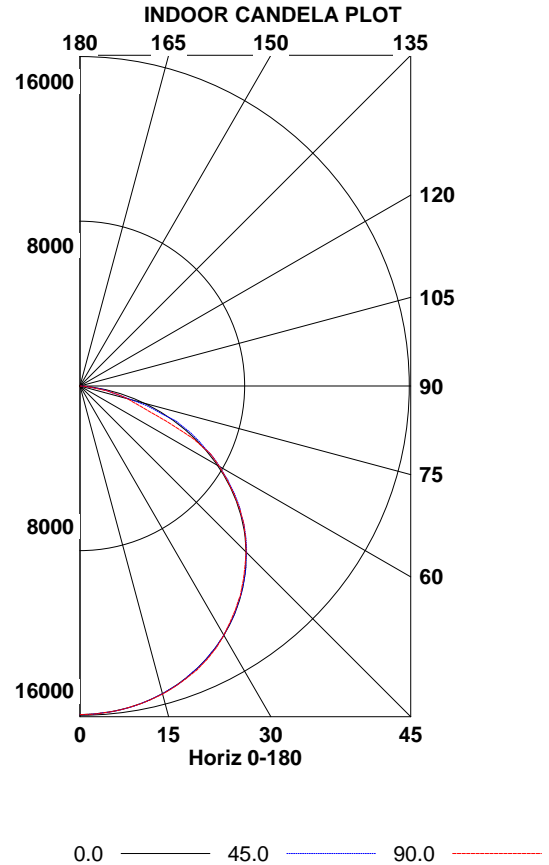
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.50**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	12612	26.5	26.5
0-40	20887	44.0	44.0
0-60	37829	79.6	79.6
0-90	47516	100.0	100.0
90-120	8	0.0	0.0
90-130	8	0.0	0.0
90-150	8	0.0	0.0
90-180	8	0.0	0.0
0-180	47524	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	32001	32001	32001	32001	32001
30	31970	31560	31350	31203	31343
40	31861	31257	31009	30806	30823
45	31688	31002	30766	30483	30638
50	31374	30594	30377	30098	30375
55	30774	29883	29730	29418	29521
60	29818	28822	28725	28412	28605
65	28406	27337	27247	27000	25783
70	26353	25156	25230	19483	17984
75	23058	21852	16673	14864	15077
80	18013	16183	11806	11685	11667
85	10598	6997	4711	3082	3037



**COEFFICIENTS OF UTILIZATION (%)**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																			
	RW	80%				70%				50%				30%				10%	0%	
		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	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	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	72	70	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	61	59	59
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	52	50	50
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	45	43	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	40	37	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	29	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	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: PEL4-30HM-NL-EDU**

Peloton Led Highbay, Industrial

4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

Data Scaled from Test# 18.00585

TEST #20482  
DATE: 4/10/2018

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	15958*	15958	15958	15958	15958
2.5	15944	15944	15944	15944	15944
5.0	15901	15907	15904	15907	15907
7.5	15835	15836	15841	15841	15841
10.0	15741	15739	15750	15746	15742
12.5	15623	15615	15626	15617	15629
15.0	15467	15462	15475	15457	15492
17.5	15288	15280	15293	15278	15313
20.0	15084	15073	15084	15069	15106
22.5	14853	14837	14853	14829	14903
25.0	14589	14572	14584	14561	14635
27.5	14301	14278	14295	14265	14333
30.0	13975	13953	13967	13943	13976
32.5	13625	13595	13616	13587	13580
35.0	13243	13210	13234	13209	13189
37.5	12832	12797	12829	12799	12798
40.0	12387	12352	12390	12362	12331
42.5	11911	11882	11930	11892	11864
45.0	11410	11381	11443	11395	11412
47.5	10881	10849	10927	10883	10908
50.0	10310	10287	10373	10339	10390
52.5	9705	9684	9796	9747	9773
55.0	9068	9049	9169	9137	9123
57.5	8402	8389	8519	8493	8469
60.0	7707	7698	7842	7822	7828
62.5	6994	6994	7136	7140	7136
65.0	6258	6269	6417	6424	6090
67.5	5507	5521	5684	5027	4682
70.0	4756	4775	4951	3872	3542
72.5	3981	4013	3754	2891	2859
75.0	3211	3253	2592	2349	2355
77.5	2465	2518	1819	1846	1856
80.0	1747	1728	1340	1357	1333
82.5	1100	836	893	616	556
85.0	572	447	333	226	217
87.5	194	141	135	132	132
90.0	9	35	31	16	5
92.5	0	9	9	9	0
95.0	0	9	9	9	0
97.5	0	0	9	5	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