

**LUMINAIRE:** PEL4-30MX-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:** 36420  
**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 #20473

DATE: 4/17/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 158**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.52**

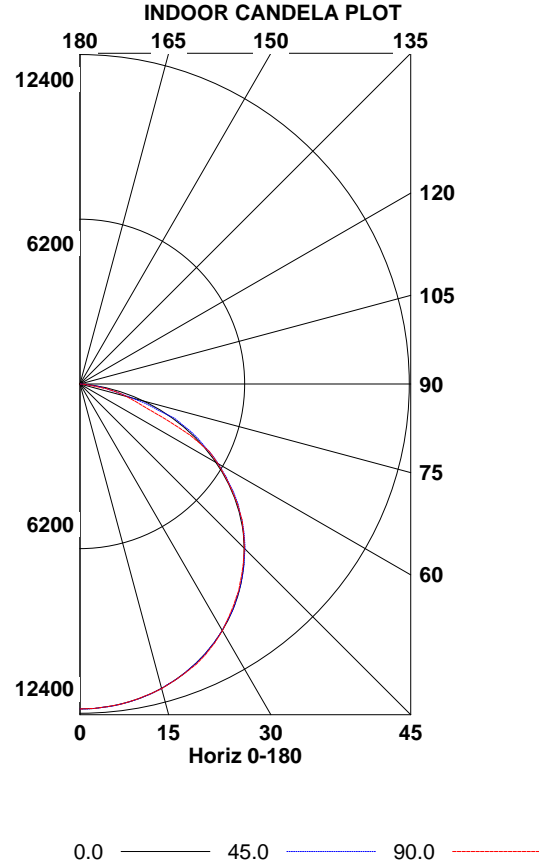
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	9668	26.5	26.5
0-40	16012	44.0	44.0
0-60	28999	79.6	79.6
0-90	36416	100.0	100.0
90-120	4	0.0	0.0
90-130	4	0.0	0.0
90-150	4	0.0	0.0
90-180	4	0.0	0.0
0-180	36420	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	24529	24529	24529	24529	24529
30	24514	24191	24041	23925	24030
40	24417	23951	23776	23622	23642
45	24278	23759	23598	23383	23481
50	24031	23433	23293	23076	23271
55	23545	22888	22804	22567	22619
60	22877	22094	22033	21797	21910
65	21783	20948	20895	20662	19462
70	20225	19308	19334	14617	13678
75	17701	16800	12627	11434	11639
80	13930	12268	9110	9050	9111
85	8300	5526	3664	2373	2309



**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	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	69	63	72	67	62	70	65
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44
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: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	12232*	12232	12232	12232	12232
2.5	12222	12221	12222	12225	12222
5.0	12189	12189	12196	12194	12189
7.5	12138	12138	12144	12147	12142
10.0	12067	12067	12074	12070	12067
12.5	11977	11968	11982	11973	11973
15.0	11859	11853	11864	11850	11869
17.5	11718	11717	11723	11712	11728
20.0	11556	11552	11562	11552	11577
22.5	11387	11376	11388	11371	11422
25.0	11183	11168	11185	11164	11219
27.5	10961	10940	10959	10936	10984
30.0	10716	10695	10711	10691	10715
32.5	10442	10422	10438	10419	10409
35.0	10149	10124	10153	10129	10108
37.5	9833	9808	9837	9814	9811
40.0	9493	9465	9500	9479	9458
42.5	9129	9103	9147	9118	9100
45.0	8742	8722	8777	8741	8746
47.5	8340	8310	8381	8346	8360
50.0	7897	7879	7954	7927	7960
52.5	7443	7418	7512	7476	7484
55.0	6938	6931	7033	7009	6990
57.5	6441	6423	6533	6514	6490
60.0	5913	5901	6015	6001	5996
62.5	5360	5365	5472	5476	5473
65.0	4799	4804	4921	4916	4597
67.5	4222	4232	4353	3799	3537
70.0	3650	3665	3794	2905	2694
72.5	3061	3078	2833	2204	2190
75.0	2465	2501	1963	1807	1818
77.5	1893	1939	1398	1421	1437
80.0	1351	1310	1034	1051	1041
82.5	859	642	693	465	424
85.0	448	353	259	174	165
87.5	155	110	104	106	104
90.0	9	25	22	9	5
92.5	0	9	9	7	0
95.0	0	0	9	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