

**LUMINAIRE:** PEL2-30MM-NL-EDU  
 Peloton Led Highbay, Industrial  
 2' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
 Data Scaled from Test# 18.00741  
**BALLAST:** XI190C275V054BSG1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 19170  
**WATTS:** 122.90  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.29  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.96  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #20423

DATE: 5/17/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 156**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.54**

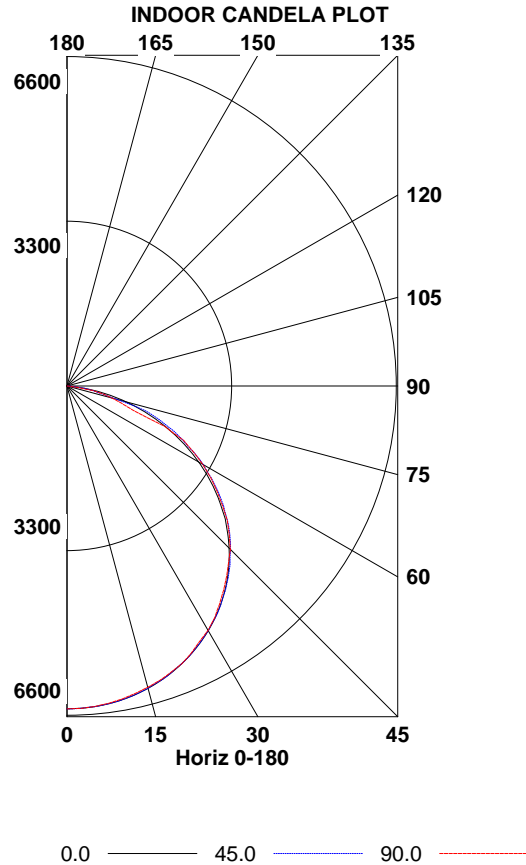
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5109	26.6	26.6
0-40	8461	44.1	44.1
0-60	15295	79.8	79.8
0-90	19162	100.0	100.0
90-120	7	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	19170	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	25015	25015	25015	25015	25015
30	24699	24397	24312	24313	24450
40	24427	24038	23977	23973	23988
45	24131	23700	23711	23713	23994
50	23742	23249	23352	23345	23635
55	23071	22535	22695	22731	22891
60	21983	21479	21767	21837	22143
65	20650	20063	20419	20634	21041
70	18698	18087	18673	15552	13591
75	15794	15295	12262	11226	11606
80	11539	11352	8350	8740	9182
85	5749	4444	3306	1952	1647



**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	78	85	80	76	82	78	74	79	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	59
R 4	82	70	62	55	80	69	61	55	67	59	54	64	58	53	62	50
C 5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	33
8	60	47	38	32	59	46	38	32	45	37	32	43	36	32	42	29
9	56	43	34	29	55	42	34	29	41	34	29	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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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6468*	6468	6468	6468	6468
2.5	6463	6463	6463	6463	6464
5.0	6449	6446	6448	6446	6444
7.5	6422	6419	6421	6418	6412
10.0	6382	6380	6383	6377	6366
12.5	6332	6329	6332	6327	6310
15.0	6271	6267	6270	6266	6249
17.5	6198	6193	6196	6193	6184
20.0	6114	6107	6112	6108	6098
22.5	6018	6012	6018	6012	6019
25.0	5911	5903	5910	5904	5899
27.5	5792	5782	5791	5787	5764
30.0	5661	5650	5660	5657	5653
32.5	5518	5507	5517	5514	5506
35.0	5357	5352	5364	5362	5330
37.5	5186	5180	5199	5196	5157
40.0	5004	4998	5023	5018	4976
42.5	4804	4806	4834	4828	4793
45.0	4592	4590	4633	4629	4634
47.5	4367	4375	4424	4420	4410
50.0	4138	4137	4199	4193	4192
52.5	3870	3882	3955	3954	3922
55.0	3621	3625	3696	3697	3668
57.5	3335	3348	3430	3431	3413
60.0	3043	3062	3149	3154	3142
62.5	2753	2765	2859	2868	2853
65.0	2454	2471	2560	2582	2577
67.5	2144	2167	2264	2273	2126
70.0	1839	1860	1963	1631	1388
72.5	1525	1555	1649	1146	1143
75.0	1218	1250	1031	941	940
77.5	918	957	709	739	741
80.0	638	681	521	543	544
82.5	392	299	350	221	212
85.0	190	168	133	78	61
87.5	43	61	56	46	37
90.0	4	21	22	11	1
92.5	0	9	9	6	0
95.0	0	5	7	5	0
97.5	0	2	5	3	0
100.0	0	1	3	3	0
102.5	0	1	2	2	0
105.0	0	1	2	1	0
107.5	0	1	1	1	0
110.0	0	1	1	1	0
112.5	0	1	1	1	0
115.0	0	0	1	1	0
117.5	0	0	1	1	0
120.0	0	0	1	1	0
122.5	0	1	1	1	0
125.0	1	1	1	1	1
127.5	1	1	1	1	1
130.0	1	1	1	2	1
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