

LUMINAIRE: PEL2-35MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 6 LED Boards, No Lens
 Data Scaled from Test# 18.00540
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 18809
WATTS: 114.32
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 #20528

DATE: 4/6/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 165

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.45

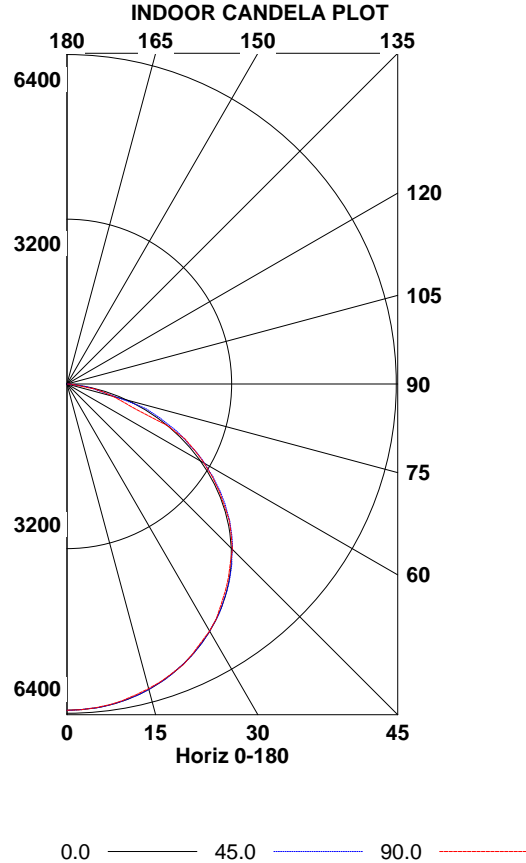
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5006	26.6	26.6
0-40	8291	44.1	44.1
0-60	14996	79.7	79.7
0-90	18803	100.0	100.0
90-120	6	0.0	0.0
90-130	6	0.0	0.0
90-150	6	0.0	0.0
90-180	6	0.0	0.0
0-180	18809	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	24512	24512	24512	24512	24512
30	24201	23904	23822	23814	23974
40	23997	23595	23490	23481	23535
45	23721	23302	23255	23227	23528
50	23255	22833	22924	22861	23173
55	22605	22118	22295	22252	22447
60	21644	21115	21373	21387	21684
65	20271	19722	20052	20211	20665
70	18383	17825	18292	15733	13787
75	15483	15026	12524	10999	11384
80	11340	11118	8142	8530	9047
85	5537	4259	3132	2452	2078



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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72
3	90	80	71	65	88	78	71	64	75	69	63	72	67	62	70	65	61
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26

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	6338*	6338	6338	6338	6338
2.5	6332	6332	6332	6332	6334
5.0	6318	6316	6317	6316	6316
7.5	6290	6289	6291	6288	6285
10.0	6253	6251	6254	6250	6242
12.5	6203	6202	6204	6199	6187
15.0	6143	6141	6144	6139	6128
17.5	6072	6067	6072	6067	6062
20.0	5988	5984	5988	5984	5978
22.5	5896	5890	5896	5890	5901
25.0	5790	5783	5790	5785	5784
27.5	5674	5665	5675	5669	5654
30.0	5547	5536	5546	5541	5543
32.5	5406	5395	5407	5402	5403
35.0	5251	5243	5257	5252	5226
37.5	5089	5079	5095	5089	5057
40.0	4916	4906	4921	4915	4882
42.5	4721	4720	4737	4729	4699
45.0	4514	4513	4544	4534	4544
47.5	4293	4299	4342	4328	4325
50.0	4053	4063	4122	4106	4110
52.5	3808	3815	3884	3871	3844
55.0	3548	3558	3631	3619	3597
57.5	3278	3291	3368	3359	3348
60.0	2996	3010	3092	3089	3077
62.5	2708	2721	2806	2810	2801
65.0	2409	2429	2514	2529	2531
67.5	2109	2132	2218	2229	2116
70.0	1808	1833	1923	1650	1408
72.5	1501	1529	1615	1137	1121
75.0	1194	1228	1053	922	922
77.5	901	939	694	720	728
80.0	627	667	508	530	536
82.5	382	306	339	235	208
85.0	183	161	126	98	77
87.5	42	58	53	47	40
90.0	4	19	20	12	2
92.5	0	8	9	6	0
95.0	0	4	7	4	0
97.5	0	2	4	3	0
100.0	0	1	3	2	0
102.5	0	1	2	2	0
105.0	0	1	1	1	0
107.5	0	1	1	1	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