

LUMINAIRE: PEL2-30ML-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment LED w/ 6 LED Boards
 Data Scaled from Test# 18.00537
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 15394
WATTS: 92.27
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 #20518

DATE: 4/5/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 167

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.44

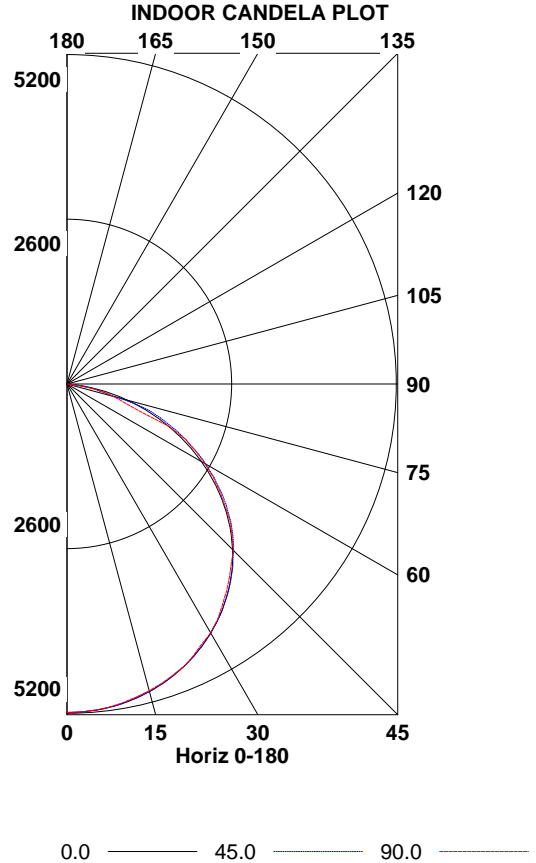
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4096	26.6	26.6
0-40	6784	44.1	44.1
0-60	12270	79.7	79.7
0-90	15388	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	15394	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	20057	20057	20057	20057	20057
30	19808	19561	19492	19491	19610
40	19638	19310	19223	19215	19225
45	19417	19074	19028	19011	19235
50	19032	18686	18759	18713	18933
55	18502	18109	18249	18224	18354
60	17721	17285	17495	17503	17724
65	16602	16157	16415	16550	16893
70	15058	14586	14972	12882	11241
75	12695	12310	10252	9007	9310
80	9278	9118	6667	6985	7393
85	4599	3492	2585	2002	1620



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	70	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: _____

LUMINAIRE: PEL2-30ML-HE-NL-EDU
Peloton Led Highbay, Industrial
2' Linear, Dual-Segment LED w/ 6 LED Boards
Data Scaled from Test# 18.00537

TEST #20518
DATE: 4/5/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	5186*	5186	5186	5186	5186
2.5	5181	5181	5181	5181	5183
5.0	5169	5168	5169	5168	5167
7.5	5147	5146	5147	5145	5142
10.0	5116	5115	5117	5113	5105
12.5	5076	5075	5076	5073	5059
15.0	5027	5025	5027	5023	5011
17.5	4969	4964	4968	4964	4958
20.0	4900	4896	4899	4897	4889
22.5	4824	4819	4824	4820	4827
25.0	4738	4732	4737	4734	4728
27.5	4643	4636	4643	4639	4621
30.0	4540	4530	4538	4535	4534
32.5	4424	4415	4425	4421	4417
35.0	4297	4290	4301	4298	4273
37.5	4165	4157	4168	4165	4134
40.0	4023	4015	4027	4022	3988
42.5	3864	3863	3876	3870	3841
45.0	3695	3694	3718	3711	3715
47.5	3513	3518	3552	3542	3536
50.0	3317	3325	3373	3361	3358
52.5	3118	3123	3178	3169	3140
55.0	2904	2913	2972	2964	2941
57.5	2683	2693	2757	2750	2737
60.0	2453	2464	2531	2528	2515
62.5	2217	2228	2297	2301	2290
65.0	1973	1990	2058	2071	2069
67.5	1727	1746	1816	1827	1730
70.0	1481	1500	1574	1351	1148
72.5	1229	1252	1323	929	915
75.0	979	1006	862	755	754
77.5	740	770	568	590	595
80.0	513	547	416	434	438
82.5	315	250	278	191	170
85.0	152	132	104	80	60
87.5	36	48	43	39	33
90.0	4	16	17	9	2
92.5	0	7	8	5	0
95.0	0	3	6	3	0
97.5	0	2	4	3	0
100.0	0	1	2	2	0
102.5	0	1	2	1	0
105.0	0	1	1	1	0
107.5	0	0	1	1	0
110.0	0	0	1	1	0
112.5	0	0	0	1	0
115.0	0	0	1	1	0
117.5	0	0	0	0	0
120.0	0	0	0	0	0
122.5	0	0	0	0	0
125.0	1	1	1	1	1
127.5	1	1	1	1	1
130.0	1	1	1	1	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