

LUMINAIRE: PEL2-35ML-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
 Data Scaled from Test# 18.00957
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 16170
WATTS: 99.50
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.30
LUMINOUS OPENING IN FEET
 LENGTH: 3.78
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20442

DATE: 6/6/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 163

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.48

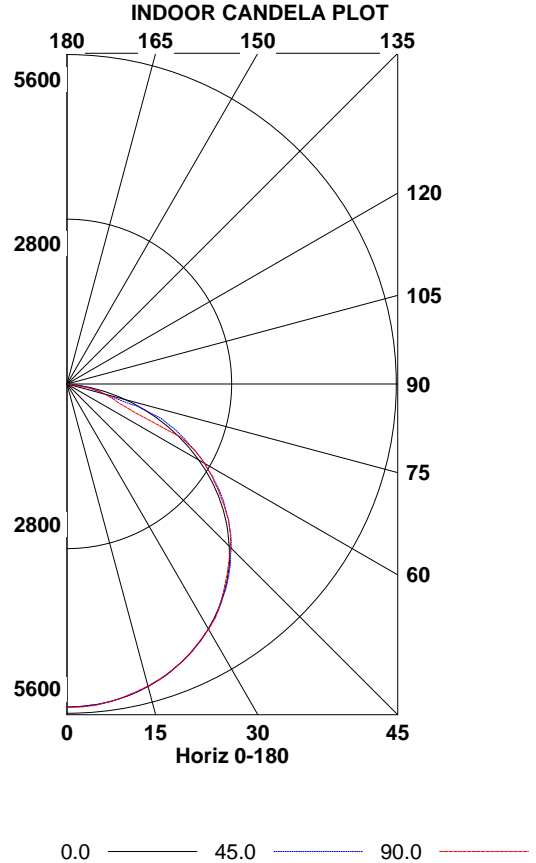
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4341	26.8	26.8
0-40	7193	44.5	44.5
0-60	13021	80.5	80.5
0-90	16164	100.0	100.0
90-120	7	0.0	0.0
90-130	7	0.0	0.0
90-150	7	0.0	0.0
90-180	7	0.0	0.0
0-180	16170	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	11009	11009	11009	11009	11009
30	10992	10866	10801	10771	10798
40	10952	10772	10694	10653	10576
45	10834	10664	10615	10564	10564
50	10669	10478	10496	10425	10478
55	10398	10188	10256	10181	10144
60	10013	9780	9894	9829	9877
65	9437	9223	9367	9331	8992
70	8627	8445	8653	4891	4712
75	7375	7282	4181	4246	4296
80	5537	5357	3427	3531	3536
85	2872	2129	1075	1159	1134



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%	0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	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	102	102	102	100
1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85	85
2	99	91	84	79	97	89	83	78	86	81	76	82	78	74	79	76	73	71	71
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	61	59	59
R	4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50
C	5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
R	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
	10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	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: PEL2-35ML-NL-EDU
Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00957

TEST #20442
DATE: 6/6/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	5490	5490	5490	5490	5490
2.5	5486	5486	5486	5486	5497*
5.0	5473	5472	5472	5472	5485
7.5	5449	5448	5449	5449	5454
10.0	5417	5416	5417	5418	5412
12.5	5374	5372	5376	5378	5366
15.0	5323	5320	5326	5327	5317
17.5	5261	5258	5265	5265	5258
20.0	5189	5187	5193	5193	5183
22.5	5107	5107	5113	5114	5108
25.0	5016	5016	5022	5024	5011
27.5	4916	4915	4922	4923	4910
30.0	4805	4804	4812	4813	4815
32.5	4683	4683	4691	4692	4701
35.0	4549	4551	4561	4564	4544
37.5	4408	4409	4422	4425	4389
40.0	4258	4257	4273	4275	4231
42.5	4089	4094	4115	4115	4076
45.0	3901	3915	3948	3949	3935
47.5	3709	3727	3775	3771	3767
50.0	3506	3523	3584	3581	3584
52.5	3292	3308	3377	3379	3357
55.0	3064	3085	3163	3162	3135
57.5	2830	2851	2937	2940	2924
60.0	2588	2612	2701	2706	2703
62.5	2336	2367	2455	2466	2450
65.0	2079	2115	2206	2220	2124
67.5	1817	1860	1950	1654	1220
70.0	1557	1603	1698	972	928
72.5	1291	1342	1251	802	805
75.0	1027	1084	650	671	671
77.5	775	836	512	540	546
80.0	537	572	389	410	404
82.5	327	221	274	94	91
85.0	155	136	76	85	81
87.5	33	47	60	51	45
90.0	4	12	16	9	1
92.5	0	8	8	5	0
95.0	0	5	7	4	0
97.5	0	3	5	3	0
100.0	0	2	4	3	0
102.5	0	1	3	2	0
105.0	0	1	2	2	0
107.5	0	1	2	1	0
110.0	0	1	1	1	0
112.5	0	1	1	1	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