

LUMINAIRE: PEL4-30MV-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment w/ 4 LED Boards, No Lens
 Data Scaled from Test# 18.00634
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 30347
WATTS: 198.90
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.30
LUMINOUS OPENING IN FEET
 LENGTH: 3.79
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20464

DATE: 4/20/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 153

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.58

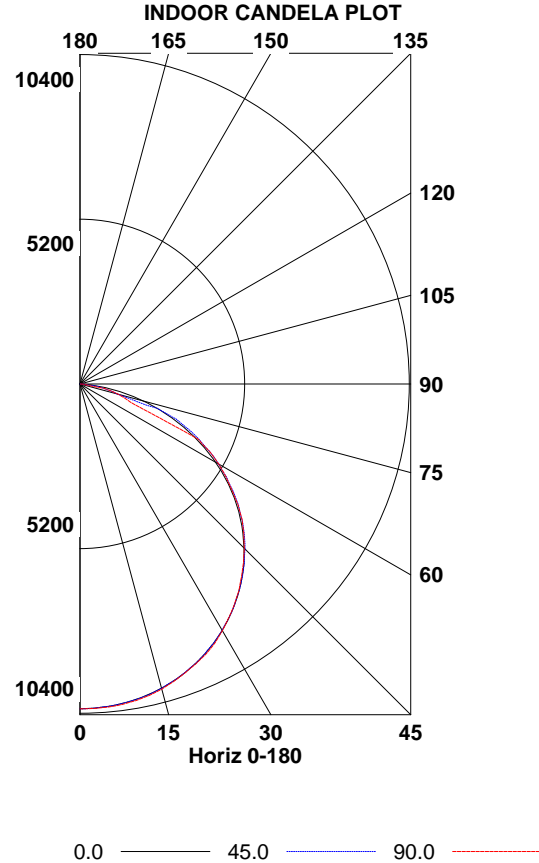
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8108	26.7	26.7
0-40	13430	44.3	44.3
0-60	24334	80.2	80.2
0-90	30343	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	30347	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	20505	20505	20505	20505	20505
30	20489	20241	20092	20014	20099
40	20421	20055	19895	19780	19785
45	20279	19899	19750	19600	19649
50	20087	19620	19518	19360	19501
55	19680	19164	19087	18943	18944
60	19041	18475	18476	18328	18427
65	18169	17555	17576	17468	17388
70	16847	16212	16327	9044	8680
75	14764	14199	7796	7782	7905
80	11572	10931	6398	6382	6573
85	6896	4123	1835	2054	2108



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	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59	59
R	4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
R	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
	9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	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: _____

LUMINAIRE: PEL4-30MV-NL-EDU
Peloton Led Highbay, Industrial
4' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00634

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DATE: 4/20/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10252*	10252	10252	10252	10252
2.5	10242	10245	10242	10245	10252
5.0	10219	10219	10219	10222	10238
7.5	10176	10176	10176	10184	10205
10.0	10115	10118	10118	10125	10148
12.5	10039	10040	10045	10043	10073
15.0	9940	9941	9946	9939	9974
17.5	9827	9826	9826	9821	9847
20.0	9689	9694	9691	9689	9701
22.5	9548	9546	9545	9539	9560
25.0	9373	9369	9371	9367	9405
27.5	9188	9181	9187	9174	9221
30.0	8980	8972	8975	8967	8986
32.5	8754	8741	8752	8744	8746
35.0	8508	8494	8509	8499	8496
37.5	8243	8227	8248	8238	8237
40.0	7960	7946	7970	7958	7936
42.5	7662	7644	7675	7661	7640
45.0	7321	7324	7365	7346	7338
47.5	6976	6976	7035	7019	7013
50.0	6618	6614	6682	6668	6688
52.5	6215	6213	6307	6292	6294
55.0	5814	5818	5902	5899	5870
57.5	5388	5380	5490	5489	5465
60.0	4934	4947	5057	5059	5056
62.5	4481	4495	4611	4617	4613
65.0	4013	4036	4150	4167	4118
67.5	3531	3561	3681	3419	2466
70.0	3048	3085	3212	1802	1714
72.5	2552	2598	2558	1478	1487
75.0	2061	2119	1215	1233	1238
77.5	1579	1649	961	988	1002
80.0	1125	1170	728	743	753
82.5	714	435	507	162	165
85.0	373	264	130	151	151
87.5	127	73	99	94	89
90.0	9	19	19	9	0
92.5	0	9	9	5	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