

LUMINAIRE: PEL4-30MV-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
 Data Scaled from Test# 18.00591
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 30177
WATTS: 182.29
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 3.78
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20570

DATE: 4/13/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 166

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

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

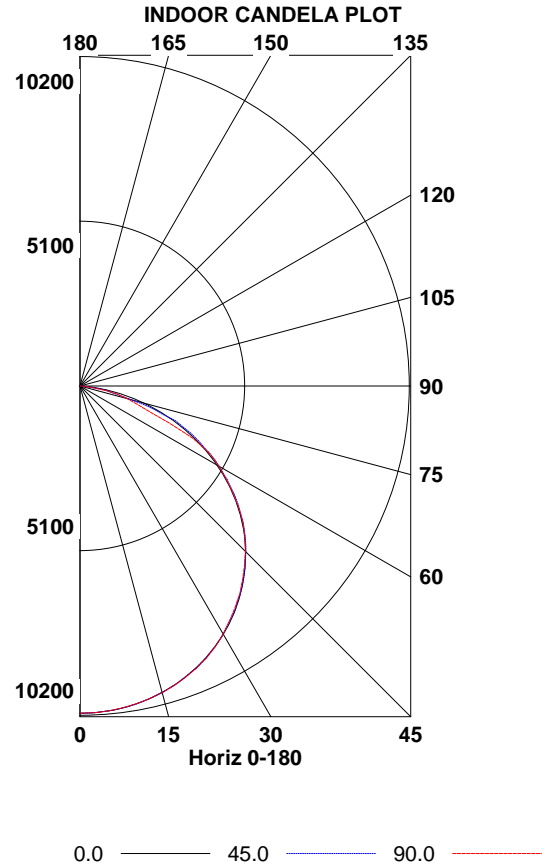
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8008	26.5	26.5
0-40	13263	43.9	43.9
0-60	24021	79.6	79.6
0-90	30174	100.0	100.0
90-120	3	0.0	0.0
90-130	3	0.0	0.0
90-150	3	0.0	0.0
90-180	3	0.0	0.0
0-180	30177	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	20318	20318	20318	20318	20318
30	20305	20038	19907	19821	19892
40	20230	19844	19691	19562	19572
45	20138	19684	19533	19360	19440
50	19923	19418	19299	19103	19298
55	19541	18975	18881	18684	18736
60	18950	18297	18235	18060	18187
65	18052	17351	17307	17140	16401
70	16751	15989	16042	12323	11378
75	14649	13878	10498	9473	9616
80	11445	10283	7533	7440	7378
85	6744	4446	2929	1923	1848



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	77	85	80	76	82	78	74	79	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	59
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	50
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	29
9	56	43	34	29	55	42	34	29	41	34	28	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: _____

LUMINAIRE: PEL4-30MV-HE-NL-EDU

Peloton Led Highbay, Industrial

4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

Data Scaled from Test# 18.00591

TEST #20570

DATE: 4/13/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10132*	10132	10132	10132	10132
2.5	10127	10123	10123	10129	10123
5.0	10099	10099	10096	10104	10099
7.5	10056	10054	10057	10063	10052
10.0	9995	9993	10000	10002	9991
12.5	9919	9911	9920	9917	9920
15.0	9825	9817	9825	9821	9831
17.5	9706	9704	9712	9704	9718
20.0	9574	9570	9574	9572	9586
22.5	9433	9419	9432	9421	9454
25.0	9267	9250	9263	9250	9289
27.5	9078	9066	9076	9061	9091
30.0	8876	8859	8869	8857	8870
32.5	8649	8631	8643	8631	8616
35.0	8412	8386	8405	8390	8371
37.5	8148	8125	8148	8127	8121
40.0	7865	7842	7868	7850	7830
42.5	7562	7546	7576	7553	7538
45.0	7251	7226	7265	7237	7241
47.5	6915	6887	6939	6913	6921
50.0	6547	6529	6590	6562	6601
52.5	6164	6150	6215	6191	6200
55.0	5758	5746	5823	5803	5790
57.5	5337	5327	5410	5393	5377
60.0	4898	4887	4978	4972	4977
62.5	4444	4444	4531	4539	4529
65.0	3977	3979	4076	4078	3874
67.5	3500	3508	3610	3212	2980
70.0	3023	3035	3148	2449	2241
72.5	2537	2548	2394	1828	1817
75.0	2040	2066	1632	1497	1502
77.5	1564	1600	1160	1174	1186
80.0	1110	1098	855	864	843
82.5	704	528	573	377	349
85.0	364	284	207	141	132
87.5	122	87	83	87	85
90.0	9	19	17	9	0
92.5	0	9	8	0	0
95.0	0	0	3	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