

LUMINAIRE: PEL4-35MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
 Data Scaled from Test# 18.00576
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 18297
WATTS: 108.65
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 #20553
 DATE: 4/16/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 168

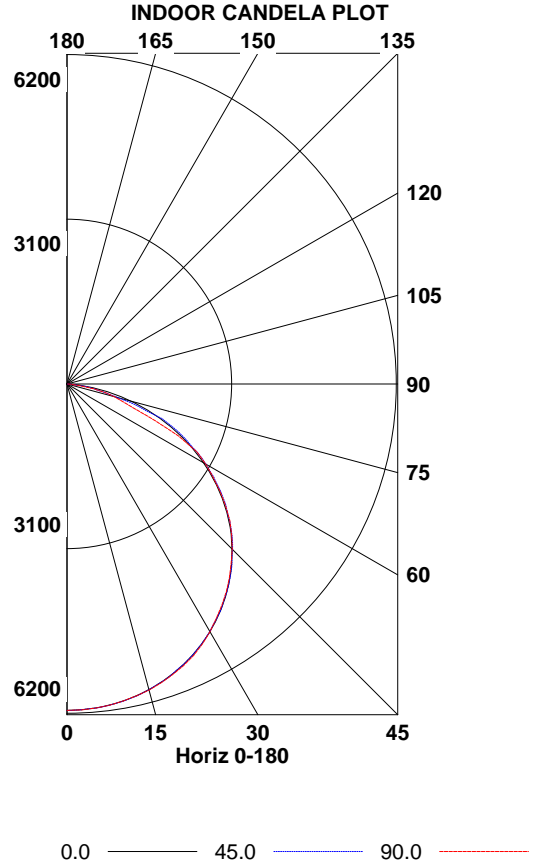
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.43
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4855	26.5	26.5
0-40	8042	44.0	44.0
0-60	14565	79.6	79.6
0-90	18293	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	18297	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	12319	12319	12319	12319	12319
30	12307	12149	12069	12015	12072
40	12264	12033	11945	11860	11886
45	12195	11937	11852	11744	11805
50	12066	11771	11699	11586	11697
55	11834	11499	11452	11336	11371
60	11491	11101	11066	10951	11017
65	10939	10522	10501	10377	9801
70	10173	9699	9723	7351	6870
75	8912	8444	6330	5733	5839
80	6991	6181	4581	4538	4499
85	4206	2802	1853	1214	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%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	84	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	72	70	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	61	59	59
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50	50
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37	37
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	29
	9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	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: PEL4-35MM-HE-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00576

TEST #20553

DATE: 4/16/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6143*	6143	6143	6143	6143
2.5	6137	6138	6138	6138	6139
5.0	6121	6122	6124	6124	6124
7.5	6096	6096	6099	6099	6098
10.0	6060	6058	6064	6061	6060
12.5	6012	6010	6016	6012	6015
15.0	5955	5952	5958	5952	5963
17.5	5885	5882	5887	5881	5896
20.0	5805	5803	5807	5801	5816
22.5	5717	5712	5718	5710	5737
25.0	5617	5609	5616	5606	5637
27.5	5504	5496	5504	5491	5518
30.0	5380	5371	5377	5369	5383
32.5	5245	5235	5242	5232	5229
35.0	5098	5086	5098	5086	5080
37.5	4939	4926	4940	4929	4929
40.0	4768	4755	4773	4759	4755
42.5	4586	4573	4596	4578	4573
45.0	4391	4382	4408	4390	4397
47.5	4190	4174	4209	4192	4204
50.0	3965	3958	3995	3980	4001
52.5	3739	3726	3772	3755	3763
55.0	3487	3482	3532	3521	3514
57.5	3235	3227	3280	3273	3260
60.0	2970	2965	3021	3015	3015
62.5	2693	2696	2750	2750	2751
65.0	2410	2413	2473	2469	2315
67.5	2122	2127	2188	1910	1783
70.0	1836	1841	1908	1461	1353
72.5	1537	1547	1424	1106	1100
75.0	1241	1257	984	906	912
77.5	952	973	701	713	721
80.0	678	660	520	527	514
82.5	431	323	350	232	216
85.0	227	179	131	89	81
87.5	77	57	53	55	54
90.0	4	13	12	7	3
92.5	1	5	5	4	1
95.0	0	3	4	3	0
97.5	0	2	3	2	0
100.0	0	1	2	2	0
102.5	0	0	2	1	0
105.0	0	0	1	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