

LUMINAIRE: PEL4-35HM-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
 Data Scaled from Test# 18.00585
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 48332
WATTS: 297.30
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 #20483
 DATE: 4/10/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 163

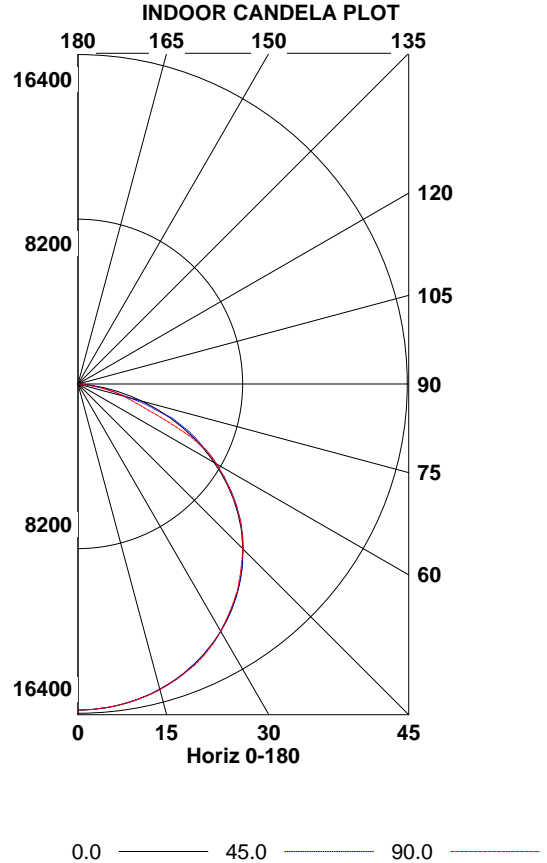
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.47
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	12826	26.5	26.5
0-40	21242	44.0	44.0
0-60	38472	79.6	79.6
0-90	48324	100.0	100.0
90-120	8	0.0	0.0
90-130	8	0.0	0.0
90-150	8	0.0	0.0
90-180	8	0.0	0.0
0-180	48332	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	32545	32545	32545	32545	32545
30	32512	32096	31882	31731	31875
40	32404	31788	31537	31330	31345
45	32227	31530	31291	31002	31159
50	31906	31112	30896	30610	30893
55	31296	30391	30236	29920	30022
60	30324	29313	29213	28895	29091
65	28887	27799	27710	27458	26219
70	26802	25582	25658	19810	18289
75	23453	22221	16956	15117	15333
80	18323	16454	12008	11883	11868
85	10783	7122	4782	3136	3079



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	86
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: PEL4-35HM-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00585

TEST #20483
DATE: 4/10/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	16229*	16229	16229	16229	16229
2.5	16215	16215	16215	16215	16215
5.0	16171	16177	16174	16177	16177
7.5	16104	16105	16110	16110	16110
10.0	16008	16006	16018	16014	16009
12.5	15888	15880	15891	15883	15894
15.0	15729	15725	15738	15720	15755
17.5	15547	15540	15553	15538	15573
20.0	15340	15329	15340	15325	15362
22.5	15105	15089	15105	15081	15157
25.0	14837	14819	14832	14809	14883
27.5	14543	14520	14538	14507	14577
30.0	14212	14190	14204	14179	14213
32.5	13857	13826	13847	13818	13811
35.0	13468	13434	13459	13433	13413
37.5	13050	13014	13047	13016	13015
40.0	12598	12562	12601	12572	12540
42.5	12113	12084	12133	12094	12066
45.0	11604	11575	11638	11589	11606
47.5	11066	11033	11113	11068	11094
50.0	10485	10461	10550	10515	10567
52.5	9870	9848	9962	9912	9939
55.0	9222	9203	9325	9293	9278
57.5	8544	8532	8663	8637	8612
60.0	7838	7829	7975	7955	7961
62.5	7113	7113	7257	7262	7257
65.0	6364	6375	6526	6533	6193
67.5	5600	5615	5781	5112	4761
70.0	4837	4856	5035	3937	3602
72.5	4049	4081	3818	2940	2908
75.0	3266	3308	2636	2389	2395
77.5	2507	2561	1850	1878	1887
80.0	1777	1757	1363	1380	1356
82.5	1119	850	908	627	565
85.0	582	455	338	230	220
87.5	197	144	137	134	134
90.0	10	35	32	16	5
92.5	0	10	10	10	0
95.0	0	10	10	10	0
97.5	0	0	10	5	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