

LUMINAIRE: PEL4-35HH-NL-EDU

Peloton Led Highbay, Industrial
4' Linear, Dual-Segment w/ 6 LED Boards, No Lens
Data Scaled from Test# 18.00582

BALLAST: XI190C275V054BSG1

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 63463

WATTS: 410.20

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 #20492

DATE: 4/11/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 155

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.55

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

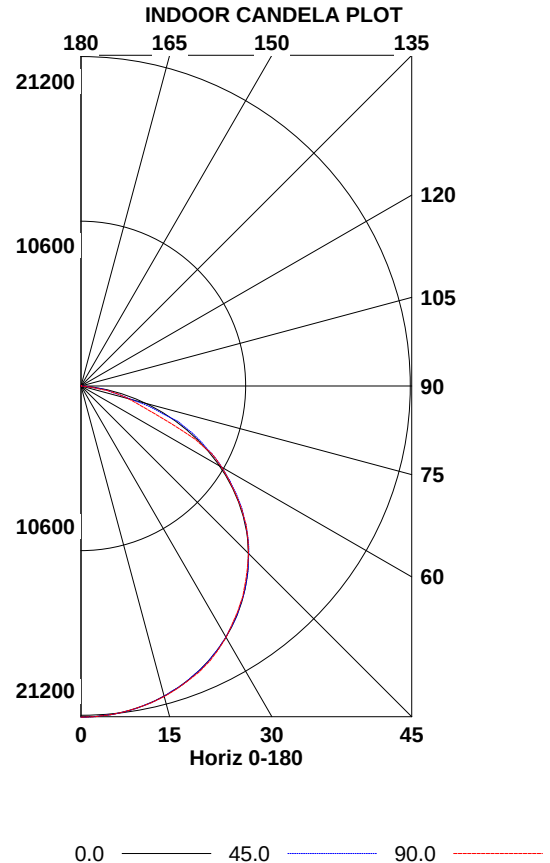
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	16842	26.5	26.5
0-40	27893	44.0	44.0
0-60	50515	79.6	79.6
0-90	63447	100.0	100.0
90-120	12	0.0	0.0
90-130	15	0.0	0.0
90-150	16	0.0	0.0
90-180	16	0.0	0.0
0-180	63463	100.0	100.0

AVERAGE LUMINANCE

CANDELA/SQ M

ANGLE	0.0	22.5	45.0	67.5	90.0
0	42732	42732	42732	42732	42732
30	42692	42134	41868	41662	41868
40	42543	41738	41412	41131	41179
45	42319	41397	41077	40710	40921
50	41896	40834	40560	40173	40540
55	41087	39889	39710	39277	39413
60	39819	38471	38355	37936	38222
65	37933	36490	36380	36011	34406
70	35180	33574	33669	25898	24138
75	30799	29140	22231	19831	20122
80	24014	21530	15735	15595	15307
85	14062	9329	6338	4159	4157



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	80%				70%				50%				30%				10%				0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	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	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	86	84	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	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	59
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50	50	50
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43	43	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37	37	37
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33	33
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	29	29
	9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	26	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	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: PEL4-35HH-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00582

TEST #20492

DATE: 4/11/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	21309*	21309	21309	21309	21309
2.5	21289	21290	21293	21296	21299
5.0	21236	21234	21241	21239	21241
7.5	21150	21146	21155	21156	21155
10.0	21020	21017	21033	21028	21025
12.5	20861	20846	20870	20854	20877
15.0	20655	20643	20666	20646	20690
17.5	20420	20406	20419	20402	20450
20.0	20141	20124	20146	20125	20177
22.5	19834	19812	19836	19809	19900
25.0	19484	19456	19480	19447	19555
27.5	19090	19061	19089	19048	19143
30.0	18662	18628	18653	18617	18669
32.5	18191	18154	18183	18148	18131
35.0	17683	17640	17677	17637	17619
37.5	17135	17087	17131	17094	17096
40.0	16540	16494	16547	16505	16474
42.5	15906	15863	15933	15879	15856
45.0	15238	15197	15278	15218	15242
47.5	14532	14489	14593	14534	14562
50.0	13768	13730	13850	13800	13867
52.5	12962	12926	13081	13013	13048
55.0	12107	12079	12247	12199	12180
57.5	11218	11199	11374	11343	11308
60.0	10292	10275	10471	10444	10460
62.5	9336	9340	9529	9535	9530
65.0	8357	8368	8568	8568	8127
67.5	7348	7368	7590	6736	6234
70.0	6349	6373	6607	5147	4754
72.5	5321	5355	5024	3866	3828
75.0	4289	4338	3456	3134	3143
77.5	3285	3362	2435	2456	2477
80.0	2329	2299	1786	1811	1749
82.5	1465	1117	1191	827	766
85.0	759	596	448	305	297
87.5	255	182	177	176	172
90.0	10	43	41	24	10
92.5	0	16	17	10	0
95.0	0	10	10	10	0
97.5	0	3	10	9	0
100.0	0	0	8	4	0
102.5	0	0	0	1	0
105.0	0	0	0	1	0
107.5	0	0	0	1	0
110.0	0	0	0	1	0
112.5	0	0	0	1	0
115.0	0	0	0	1	0
117.5	0	0	0	1	0
120.0	0	0	0	1	0
122.5	0	0	0	1	0
125.0	0	0	0	2	0
127.5	10	10	10	10	10
130.0	10	10	10	10	10
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