

LUMINAIRE: PEL4-35MV-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: 30863

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 #20465

DATE: 4/20/2018

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

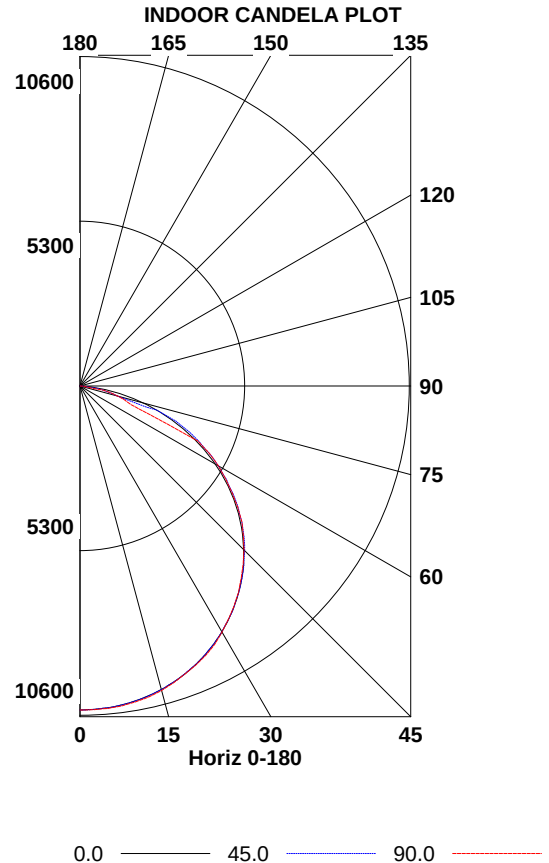
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8246	26.7	26.7
0-40	13658	44.3	44.3
0-60	24747	80.2	80.2
0-90	30858	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	30863	100.0	100.0

AVERAGE LUMINANCE

CANDELA/SQ M

ANGLE	0.0	22.5	45.0	67.5	90.0
0	20853	20853	20853	20853	20853
30	20838	20584	20435	20353	20439
40	20767	20396	20234	20115	20121
45	20626	20236	20086	19931	19983
50	20427	19952	19848	19691	19833
55	20015	19490	19411	19264	19264
60	19365	18788	18790	18636	18740
65	18477	17855	17872	17766	17684
70	17135	16485	16606	9199	8827
75	15014	14440	7931	7915	8039
80	11768	11118	6512	6493	6678
85	7007	4186	1863	2081	2136



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	97	106	102	98	95	98	95	92	94	92	89	90	88	87	87	87	84	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	73	73	70	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	61	59	59	59
R	4	83	71	62	80	69	61	55	67	60	54	64	58	53	62	57	52	52	50	50	50
C	5	76	63	54	74	62	53	47	60	52	46	58	51	46	56	50	45	45	43	43	43
R	6	70	57	48	68	56	47	41	54	46	41	52	45	40	50	44	40	40	38	38	38
	7	65	51	42	63	50	42	36	49	41	36	47	41	35	46	40	35	35	33	33	33
	8	60	47	38	59	46	38	32	45	37	32	43	37	32	42	36	31	31	30	30	30
	9	56	43	34	55	42	34	29	41	34	29	40	33	28	39	33	28	28	26	26	26
	10	53	39	31	51	39	31	26	38	31	26	37	30	26	36	30	26	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: PEL4-35MV-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00634

TEST #20465

DATE: 4/20/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10426*	10426	10426	10426	10426
2.5	10416	10419	10416	10419	10426
5.0	10392	10392	10392	10395	10412
7.5	10349	10349	10349	10357	10378
10.0	10287	10290	10290	10297	10321
12.5	10209	10210	10215	10213	10244
15.0	10109	10110	10115	10108	10143
17.5	9994	9993	9993	9988	10014
20.0	9854	9859	9856	9854	9865
22.5	9710	9708	9707	9701	9723
25.0	9532	9528	9530	9526	9565
27.5	9344	9337	9343	9330	9378
30.0	9133	9124	9128	9119	9138
32.5	8903	8889	8901	8892	8894
35.0	8653	8638	8654	8643	8640
37.5	8383	8367	8388	8378	8377
40.0	8095	8081	8106	8093	8071
42.5	7792	7774	7806	7791	7769
45.0	7446	7448	7490	7470	7463
47.5	7095	7094	7154	7138	7132
50.0	6730	6726	6795	6782	6802
52.5	6321	6319	6414	6398	6400
55.0	5913	5917	6002	5999	5969
57.5	5480	5471	5583	5582	5557
60.0	5018	5031	5143	5144	5142
62.5	4557	4572	4689	4695	4691
65.0	4081	4105	4220	4238	4188
67.5	3591	3621	3744	3477	2508
70.0	3100	3137	3267	1833	1743
72.5	2595	2642	2601	1503	1513
75.0	2096	2155	1236	1254	1259
77.5	1606	1677	977	1005	1019
80.0	1144	1190	741	756	765
82.5	726	443	515	165	168
85.0	379	268	132	153	153
87.5	129	74	101	96	91
90.0	10	19	19	10	0
92.5	0	10	10	5	0
95.0	0	0	10	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