

LUMINAIRE: PEL4-30MM-NL-EDU

Peloton Led Highbay, Industrial
4' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00631

BALLAST: XI190C275V054BSG1

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 18384

WATTS: 114.33

MOUNTING: Pendant

SHIELDING ANGLE: $0^\circ = 90$ $90^\circ = 90$

SPACING CRITERION: $0^\circ = 1.30$ $90^\circ = 1.30$

LUMINOUS OPENING IN FEET

LENGTH: 3.79

WIDTH: 1.42

HEIGHT: 0.08

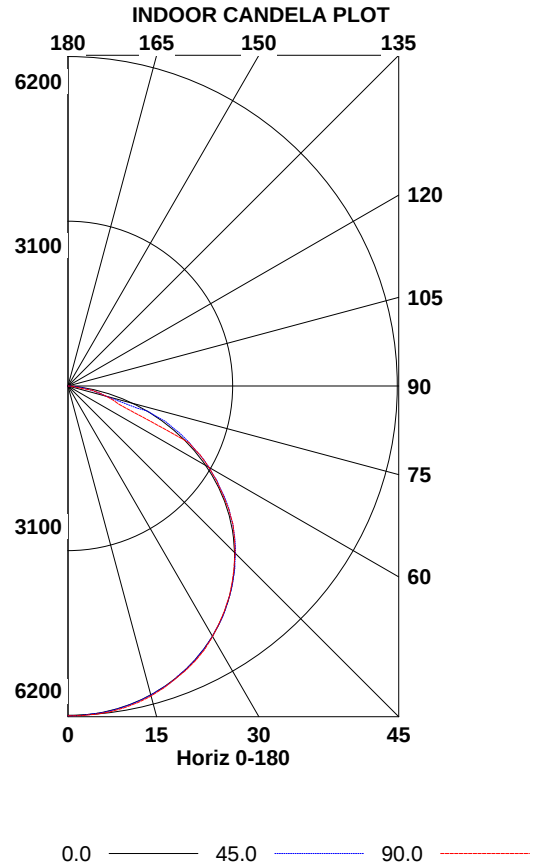
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4909	26.7	26.7
0-40	8132	44.2	44.2
0-60	14736	80.2	80.2
0-90	18379	100.0	100.0
90-120	5	0.0	0.0
90-130	5	0.0	0.0
90-150	5	0.0	0.0
90-180	5	0.0	0.0
0-180	18384	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	12414	12414	12414	12414	12414
30	12405	12250	12172	12122	12174
40	12365	12138	12049	11980	11989
45	12285	12050	11958	11870	11900
50	12153	11877	11821	11724	11815
55	11918	11601	11565	11477	11489
60	11539	11185	11195	11104	11163
65	10993	10635	10651	10585	10552
70	10214	9827	9902	9450	9267
75	8947	8597	4722	4721	4814
80	7026	6633	3893	3874	3989
85	4234	2515	1101	1251	1270

CANDELA/SQ M



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%	0%	
R C R	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
	2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
	3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59
	4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
	6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
	9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

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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: PEL4-30MM-NL-EDU

Peloton Led Highbay, Industrial

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

Data Scaled from Test# 18.00631

TEST #20451

DATE: 4/20/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6207	6207	6207	6207	6207
2.5	6201	6201	6202	6203	6209*
5.0	6185	6186	6188	6190	6200
7.5	6160	6160	6164	6166	6180
10.0	6124	6124	6129	6131	6147
12.5	6077	6076	6082	6081	6100
15.0	6017	6018	6023	6019	6040
17.5	5948	5948	5951	5948	5964
20.0	5867	5868	5869	5868	5876
22.5	5778	5776	5779	5776	5791
25.0	5676	5673	5676	5672	5694
27.5	5562	5558	5563	5556	5582
30.0	5437	5430	5437	5431	5443
32.5	5300	5291	5301	5294	5296
35.0	5151	5141	5155	5147	5145
37.5	4992	4980	4995	4990	4989
40.0	4820	4809	4827	4820	4809
42.5	4637	4628	4649	4639	4627
45.0	4435	4435	4459	4449	4444
47.5	4223	4224	4261	4251	4250
50.0	4004	4004	4047	4038	4052
52.5	3764	3763	3821	3812	3815
55.0	3521	3522	3576	3574	3560
57.5	3263	3257	3326	3324	3312
60.0	2990	2995	3064	3065	3063
62.5	2714	2722	2795	2799	2796
65.0	2428	2445	2515	2525	2499
67.5	2138	2156	2231	2074	1483
70.0	1848	1870	1948	1086	1040
72.5	1549	1576	1553	896	901
75.0	1249	1283	736	748	754
77.5	960	1000	583	599	609
80.0	683	710	443	451	457
82.5	434	266	308	99	102
85.0	229	161	78	92	91
87.5	78	44	63	57	56
90.0	5	13	10	6	2
92.5	1	6	5	4	1
95.0	1	4	5	3	1
97.5	1	2	4	3	1
100.0	1	2	3	2	1
102.5	1	1	2	2	1
105.0	1	1	2	2	1
107.5	1	1	2	1	1
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