

LUMINAIRE: PEL2-35MM-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 6 LED Boards, No Lens
 Data Scaled from Test# 18.00741
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 19496
WATTS: 122.90
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 1.96
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20424

DATE: 5/17/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 159

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.51

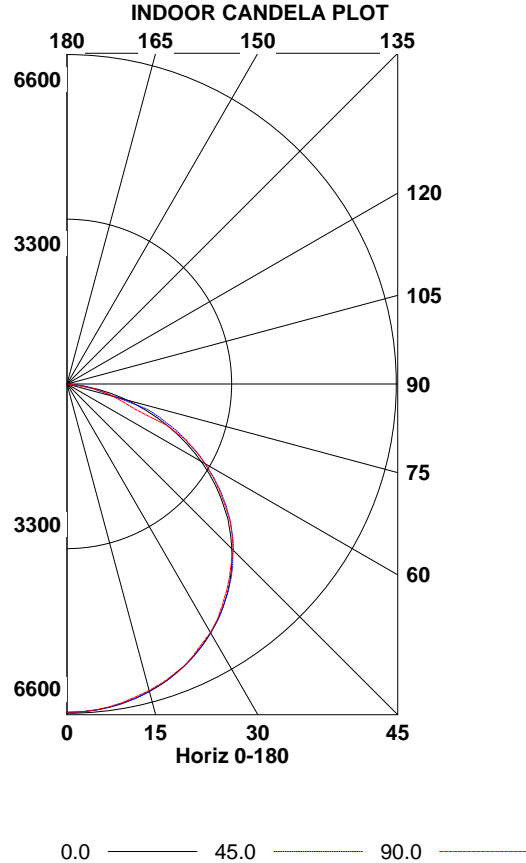
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5196	26.6	26.6
0-40	8605	44.1	44.1
0-60	15555	79.8	79.8
0-90	19487	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	19496	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	25440	25440	25440	25440	25440
30	25122	24811	24724	24726	24865
40	24842	24446	24383	24379	24393
45	24541	24103	24110	24118	24397
50	24144	23648	23753	23741	24035
55	23466	22914	23081	23118	23277
60	22352	21844	22141	22204	22516
65	21003	20404	20770	20986	21400
70	19013	18398	18987	15809	13817
75	16067	15552	12476	11417	11804
80	11738	11552	8495	8885	9351
85	5870	4524	3356	2002	1674



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	84
2	99	91	84	78	96	89	83	78	85	80	76	82	78	74	79	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	59
R 4	82	70	62	55	80	69	61	55	67	59	54	64	58	53	62	50
C 5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	33
8	60	47	38	32	59	46	38	32	45	37	32	43	36	32	42	29
9	56	43	34	29	55	42	34	29	41	34	29	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6578*	6578	6578	6578	6578
2.5	6573	6573	6573	6573	6574
5.0	6558	6556	6558	6556	6554
7.5	6531	6528	6530	6527	6521
10.0	6490	6489	6491	6486	6474
12.5	6440	6437	6440	6435	6417
15.0	6377	6374	6376	6373	6355
17.5	6304	6298	6302	6298	6289
20.0	6217	6211	6216	6212	6201
22.5	6121	6114	6120	6114	6122
25.0	6011	6003	6010	6005	5999
27.5	5891	5880	5890	5885	5862
30.0	5758	5746	5756	5753	5749
32.5	5612	5600	5611	5608	5600
35.0	5448	5442	5455	5453	5420
37.5	5274	5268	5287	5284	5244
40.0	5089	5083	5108	5103	5060
42.5	4886	4888	4916	4910	4874
45.0	4670	4668	4711	4708	4712
47.5	4441	4449	4499	4495	4485
50.0	4208	4208	4271	4264	4263
52.5	3935	3948	4023	4021	3988
55.0	3683	3686	3759	3760	3730
57.5	3391	3405	3488	3489	3471
60.0	3094	3114	3203	3207	3195
62.5	2800	2812	2908	2917	2902
65.0	2496	2513	2604	2626	2621
67.5	2180	2203	2302	2312	2162
70.0	1870	1892	1996	1658	1411
72.5	1551	1582	1677	1166	1162
75.0	1239	1271	1049	957	956
77.5	934	973	721	751	754
80.0	649	693	530	552	554
82.5	399	304	356	225	216
85.0	194	171	135	80	62
87.5	44	62	57	47	37
90.0	4	21	22	12	1
92.5	0	10	10	6	0
95.0	0	5	7	5	0
97.5	0	2	5	3	0
100.0	0	1	3	3	0
102.5	0	1	2	2	0
105.0	0	1	2	1	0
107.5	0	1	1	1	0
110.0	0	1	1	1	0
112.5	0	1	1	1	0
115.0	0	0	1	1	0
117.5	0	0	1	1	0
120.0	0	0	1	1	0
122.5	0	1	1	1	0
125.0	1	1	1	1	1
127.5	1	1	1	1	1
130.0	1	1	1	2	1
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