

LUMINAIRE: PEL2-35MH-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 6 LED Boards, No Lens
 Data Scaled from Test# 18.00534
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 25477
WATTS: 158.46
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 #20428

DATE: 4/6/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 161

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.49

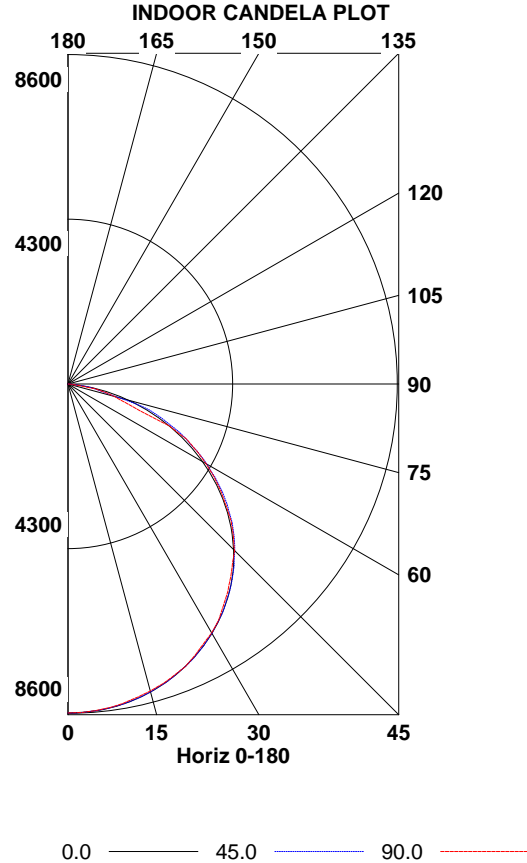
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6782	26.6	26.6
0-40	11233	44.1	44.1
0-60	20314	79.7	79.7
0-90	25471	100.0	100.0
90-120	6	0.0	0.0
90-130	6	0.0	0.0
90-150	6	0.0	0.0
90-180	6	0.0	0.0
0-180	25477	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	33210	33210	33210	33210	33210
30	32796	32389	32284	32277	32451
40	32530	31963	31825	31822	31841
45	32118	31569	31510	31485	31827
50	31494	30942	31055	30973	31320
55	30602	29964	30198	30152	30386
60	29301	28599	28942	28982	29331
65	27474	26704	27151	27395	27940
70	24911	24106	24751	21482	18840
75	20943	20337	17091	14865	15372
80	15264	15052	10979	11508	12153
85	7534	5714	4251	3353	2726



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%															
	80%				70%				50%				30%			
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	65
R	4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30

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	8587*	8587	8587	8587	8587
2.5	8581	8576	8582	8581	8582
5.0	8562	8557	8560	8560	8553
7.5	8523	8519	8521	8521	8515
10.0	8475	8471	8474	8469	8452
12.5	8408	8402	8406	8402	8376
15.0	8322	8320	8325	8315	8300
17.5	8226	8217	8226	8220	8209
20.0	8111	8105	8114	8107	8094
22.5	7987	7977	7990	7979	7990
25.0	7843	7834	7848	7840	7827
27.5	7690	7676	7688	7682	7651
30.0	7517	7501	7516	7510	7503
32.5	7325	7311	7326	7320	7316
35.0	7114	7104	7125	7117	7073
37.5	6894	6880	6902	6899	6844
40.0	6664	6646	6667	6661	6605
42.5	6396	6394	6418	6407	6357
45.0	6112	6114	6157	6146	6147
47.5	5815	5824	5879	5868	5851
50.0	5489	5506	5584	5563	5555
52.5	5159	5167	5261	5245	5197
55.0	4803	4820	4918	4904	4869
57.5	4439	4456	4561	4550	4525
60.0	4056	4077	4187	4186	4162
62.5	3672	3684	3802	3809	3790
65.0	3265	3289	3404	3428	3422
67.5	2857	2886	3001	3022	2863
70.0	2450	2479	2602	2253	1924
72.5	2033	2072	2187	1553	1513
75.0	1615	1662	1437	1246	1245
77.5	1218	1269	939	970	983
80.0	844	903	685	715	720
82.5	513	420	455	326	282
85.0	249	216	171	134	101
87.5	53	80	70	62	53
90.0	5	24	27	14	0
92.5	0	10	10	10	0
95.0	0	3	10	3	0
97.5	0	0	5	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