

LUMINAIRE: PEL4-40MX-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment w/ 6 LED Boards, No Lens
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 38663
WATTS: 230.43
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 #18.00579
 DATE: 4/17/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 168

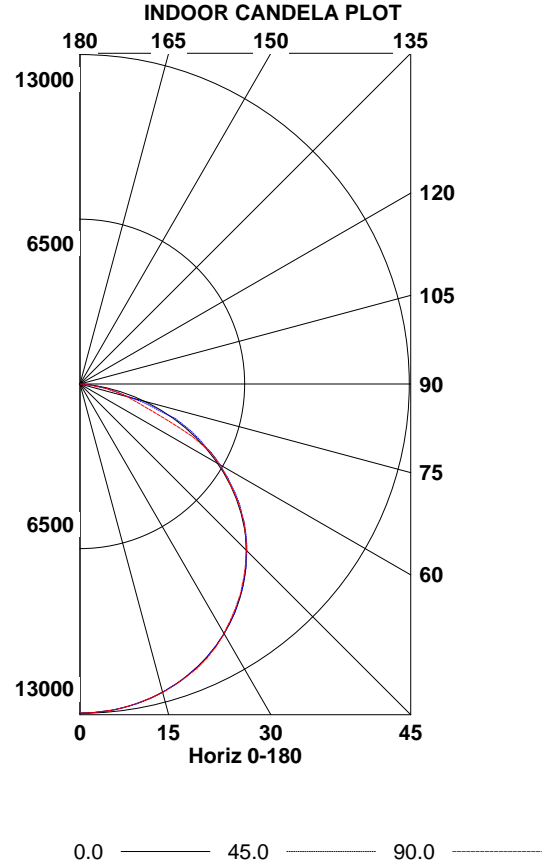
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.43
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	10264	26.5	26.5
0-40	16998	44.0	44.0
0-60	30784	79.6	79.6
0-90	38658	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	38663	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	26039	26039	26039	26039	26039
30	26024	25681	25523	25398	25510
40	25919	25427	25240	25077	25096
45	25773	25222	25050	24822	24928
50	25510	24875	24728	24497	24703
55	24994	24299	24208	23957	24010
60	24285	23453	23388	23138	23259
65	23122	22239	22181	21935	20660
70	21472	20499	20527	15518	14521
75	18793	17835	13405	12137	12356
80	14786	13027	9674	9610	9671
85	8819	5870	3891	2523	2449



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	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%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70	
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59	
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29
	9	56	43	34	29	55	42	34	29	41	34	28	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.
 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: PEL4-40MX-NL-EDU
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4' Linear, Dual-Segment w/ 6 LED Boards, No Lens

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	12985*	12985	12985	12985	12985
2.5	12975	12973	12975	12978	12975
5.0	12940	12940	12947	12945	12940
7.5	12885	12885	12892	12895	12890
10.0	12810	12810	12817	12813	12810
12.5	12714	12705	12720	12710	12710
15.0	12589	12583	12595	12580	12600
17.5	12439	12438	12445	12433	12450
20.0	12268	12263	12274	12263	12290
22.5	12088	12076	12089	12071	12125
25.0	11872	11856	11874	11851	11910
27.5	11636	11614	11634	11609	11660
30.0	11376	11354	11371	11349	11375
32.5	11085	11064	11081	11060	11050
35.0	10774	10747	10778	10753	10730
37.5	10438	10412	10443	10418	10415
40.0	10077	10048	10085	10063	10040
42.5	9691	9663	9710	9679	9660
45.0	9280	9259	9317	9279	9285
47.5	8854	8822	8897	8860	8875
50.0	8383	8364	8444	8415	8450
52.5	7901	7875	7974	7936	7945
55.0	7365	7358	7466	7441	7420
57.5	6838	6818	6935	6915	6890
60.0	6277	6264	6385	6370	6365
62.5	5690	5695	5809	5813	5810
65.0	5094	5100	5224	5219	4880
67.5	4482	4493	4621	4033	3755
70.0	3875	3891	4028	3084	2860
72.5	3249	3267	3007	2340	2325
75.0	2617	2655	2084	1918	1930
77.5	2010	2058	1484	1508	1525
80.0	1434	1391	1098	1116	1105
82.5	912	682	736	494	450
85.0	476	375	275	185	175
87.5	165	117	110	112	110
90.0	10	27	23	10	5
92.5	0	10	10	7	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