

LUMINAIRE: PEL4-30MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
 Data Scaled from Test# 18.00576
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 17991
WATTS: 108.65
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 #20552

DATE: 4/16/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 166

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.45

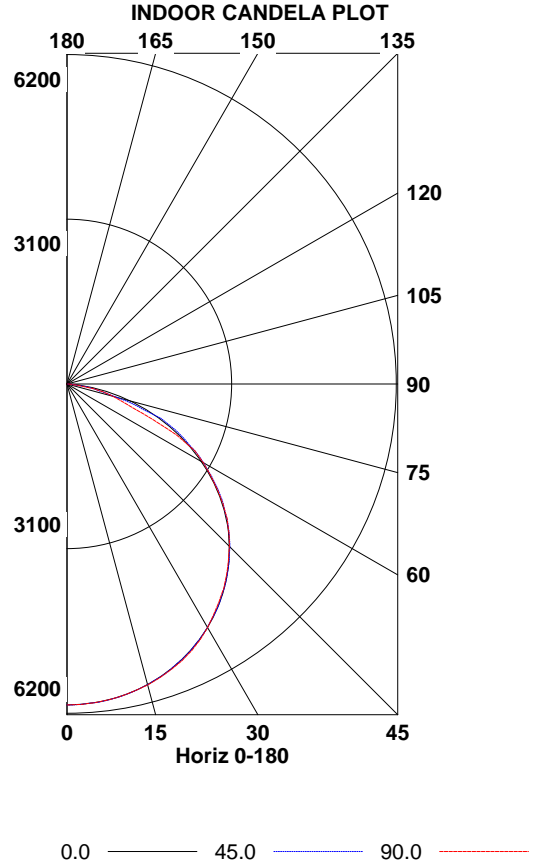
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4774	26.5	26.5
0-40	7907	44.0	44.0
0-60	14322	79.6	79.6
0-90	17987	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	17991	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	12112	12112	12112	12112	12112
30	12102	11945	11867	11814	11870
40	12058	11830	11745	11663	11686
45	11992	11738	11653	11546	11609
50	11865	11572	11503	11394	11501
55	11637	11307	11261	11146	11180
60	11297	10914	10879	10766	10831
65	10758	10348	10322	10205	9636
70	10002	9541	9560	7231	6753
75	8761	8303	6220	5638	5743
80	6877	6078	4511	4461	4429
85	4132	2755	1825	1200	1120



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	88
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36
9	56	43	34	29	55	42	34	29	41	34	28	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: _____

LUMINAIRE: PEL4-30MM-HE-NL-EDU

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4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6040*	6040	6040	6040	6040
2.5	6034	6035	6035	6035	6036
5.0	6018	6019	6021	6021	6021
7.5	5994	5994	5997	5997	5996
10.0	5959	5957	5963	5960	5959
12.5	5912	5910	5916	5912	5915
15.0	5855	5853	5858	5853	5863
17.5	5787	5784	5789	5783	5797
20.0	5709	5706	5710	5704	5719
22.5	5622	5616	5623	5614	5641
25.0	5523	5515	5522	5513	5543
27.5	5412	5404	5412	5400	5426
30.0	5290	5281	5287	5279	5293
32.5	5157	5147	5155	5144	5141
35.0	5013	5001	5012	5001	4995
37.5	4857	4844	4858	4847	4847
40.0	4688	4675	4693	4680	4675
42.5	4509	4497	4519	4502	4497
45.0	4318	4309	4334	4316	4324
47.5	4120	4104	4139	4122	4134
50.0	3899	3891	3928	3914	3934
52.5	3677	3663	3709	3693	3700
55.0	3429	3424	3473	3462	3455
57.5	3181	3173	3225	3218	3206
60.0	2920	2915	2970	2964	2964
62.5	2648	2651	2704	2704	2705
65.0	2370	2373	2431	2428	2276
67.5	2087	2091	2152	1878	1753
70.0	1805	1811	1876	1437	1330
72.5	1511	1521	1400	1087	1081
75.0	1220	1236	967	891	897
77.5	936	957	690	701	709
80.0	667	649	512	518	506
82.5	424	317	344	228	212
85.0	223	176	129	88	80
87.5	75	56	52	54	53
90.0	4	13	11	7	3
92.5	1	5	5	4	1
95.0	0	3	4	3	0
97.5	0	2	3	2	0
100.0	0	1	2	2	0
102.5	0	0	2	1	0
105.0	0	0	1	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