

LUMINAIRE: PEL4-40HM-HE-FAW-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment w/ 6 LED Boards, Frosted Acrylic Wide Lens
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 46813
WATTS: 297.00
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.29 90° = 1.33
LUMINOUS OPENING IN FEET
 LENGTH: 3.78
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #18.00584
 DATE: 4/10/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 158

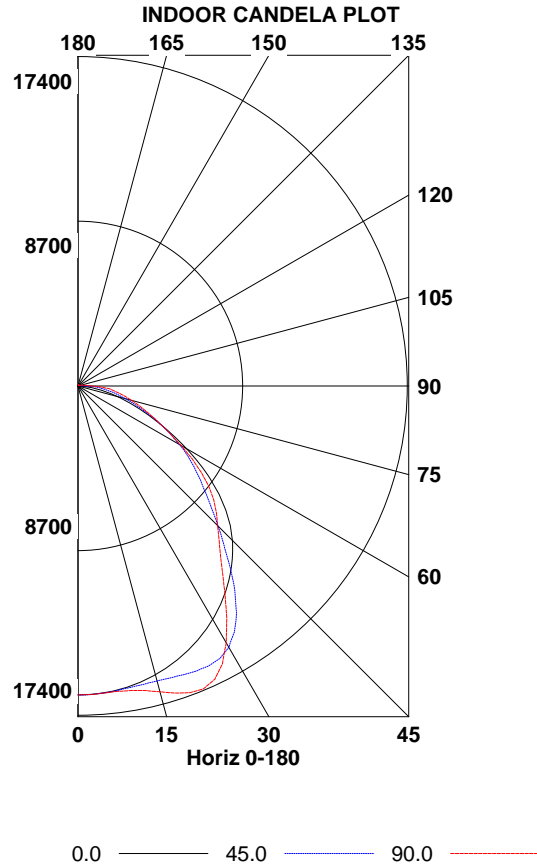
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.52
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	13540	28.9	28.9
0-40	22287	47.6	47.6
0-60	37587	80.3	80.3
0-90	46300	98.9	98.9
90-120	342	0.7	0.7
90-130	378	0.8	0.8
90-150	459	1.0	1.0
90-180	513	1.1	1.1
0-180	46813	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	32723	32723	32723	32723	32723
30	32546	33449	35765	35367	35129
40	32391	33327	31306	29356	29296
45	32021	31334	28040	27564	28023
50	31030	28105	25815	26698	27340
55	28877	24682	24357	25329	25712
60	25593	21828	22700	22963	23039
65	21933	19483	20555	20397	20567
70	18563	17390	18453	18653	19177
75	15425	15356	16744	17990	18803
80	12394	13364	16061	18178	19438
85	9282	11615	16694	21080	23318



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	101	101	101	99	
1	109	104	100	96	106	102	98	94	97	94	91	93	90	88	89	87	85	83	
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70	
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	65	62	59	
R	4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51
C	5	77	64	55	49	74	63	55	48	61	53	48	58	52	47	57	51	46	44
R	6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	46	41	39
	7	66	52	44	38	64	52	43	38	50	43	37	48	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	34	46	38	33	44	38	33	43	37	33	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	34	30	40	34	30	28
	10	54	41	33	28	52	40	33	27	39	32	27	38	32	27	37	31	27	25

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: PEL4-40HM-HE-FAW-EDU
Peloton Led Highbay, Industrial
4' Linear, Dual-Segment w/ 6 LED Boards, Frosted Acrylic Wide Lens

TEST #18.00584
DATE: 4/10/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	16318	16318	16318	16318	16318
2.5	16302	16303	16305	16308	16307
5.0	16256	16260	16267	16273	16277
7.5	16186	16191	16212	16249	16267
10.0	16080	16091	16162	16279	16327
12.5	15949	15969	16132	16376	16476
15.0	15793	15831	16134	16547	16716
17.5	15597	15679	16167	16769	17001
20.0	15376	15519	16234	16982	17241
22.5	15135	15357	16299	17084	17311*
25.0	14859	15185	16319	16967	17096
27.5	14558	15000	16224	16538	16525
30.0	14227	14788	15934	15804	15664
32.5	13861	14533	15388	14841	14623
35.0	13475	14204	14595	13777	13552
37.5	13054	13759	13602	12726	12561
40.0	12593	13170	12509	11780	11720
42.5	12086	12410	11424	10971	11034
45.0	11530	11503	10429	10304	10438
47.5	10913	10494	9566	9718	9913
50.0	10197	9450	8815	9171	9352
52.5	9395	8423	8148	8564	8702
55.0	8509	7474	7512	7867	7946
57.5	7567	6609	6870	7103	7130
60.0	6615	5830	6197	6322	6305
62.5	5699	5120	5512	5548	5539
65.0	4832	4468	4841	4853	4858
67.5	4041	3863	4204	4231	4268
70.0	3350	3301	3621	3707	3777
72.5	2719	2776	3083	3252	3342
75.0	2148	2286	2603	2843	2937
77.5	1647	1837	2191	2466	2567
80.0	1202	1427	1823	2111	2221
82.5	821	1060	1478	1781	1901
85.0	501	742	1180	1546	1666
87.5	240	490	898	1117	1216
90.0	10	207	470	652	735
92.5	0	75	273	432	495
95.0	10	37	180	322	385
97.5	10	20	138	265	320
100.0	10	20	93	220	275
102.5	10	20	58	162	215
105.0	10	20	35	107	155
107.5	10	20	35	67	95
110.0	10	20	35	47	65
112.5	15	20	35	47	55
115.0	20	22	35	47	55
117.5	20	25	35	45	55
120.0	20	30	35	45	55
122.5	20	35	35	45	55
125.0	20	42	38	47	55
127.5	30	47	40	47	55
130.0	30	50	45	47	55
132.5	30	55	45	50	55
135.0	30	60	50	55	55
137.5	40	60	55	55	55
140.0	40	62	65	55	60
142.5	40	62	73	65	65
145.0	40	65	75	70	65
147.5	40	65	75	75	75
150.0	40	62	80	77	80
152.5	40	62	80	77	85
155.0	40	57	75	85	85
157.5	45	52	73	82	85
160.0	45	50	70	80	85
162.5	45	50	68	72	80
165.0	50	50	63	72	70
167.5	50	47	55	67	70
170.0	50	50	50	60	60
172.5	50	50	50	50	50
175.0	50	50	48	45	50
177.5	50	50	50	50	50
180.0	50	50	50	50	50

*MAXIMUM CANDELA VALUE