

LUMINAIRE: PEL4-50MV-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 32035
WATTS: 182.29
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 #20572

DATE: 4/13/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 176

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.36

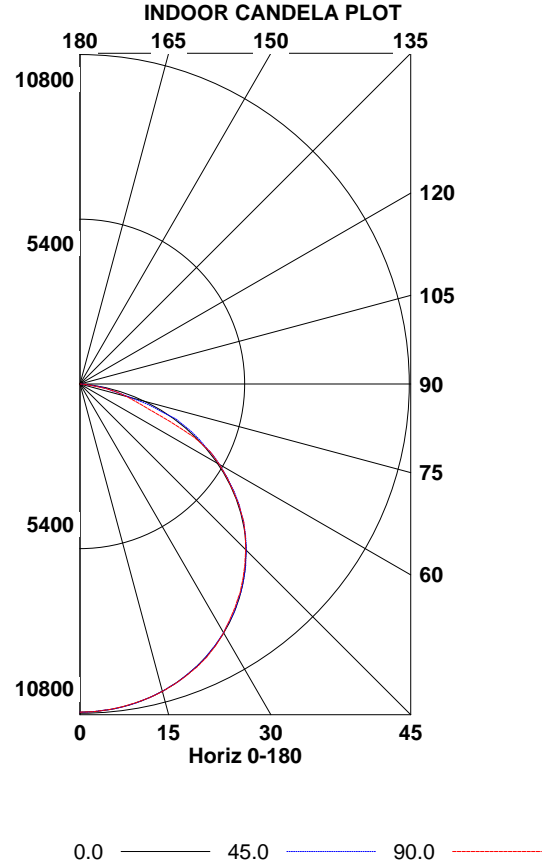
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8501	26.5	26.5
0-40	14079	43.9	43.9
0-60	25499	79.6	79.6
0-90	32032	100.0	100.0
90-120	3	0.0	0.0
90-130	3	0.0	0.0
90-150	3	0.0	0.0
90-180	3	0.0	0.0
0-180	32035	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	21570	21570	21570	21570	21570
30	21554	21271	21133	21040	21117
40	21475	21066	20903	20766	20777
45	21376	20896	20735	20553	20638
50	21149	20613	20488	20279	20485
55	20742	20144	20042	19833	19891
60	20118	19424	19359	19171	19305
65	19164	18419	18373	18195	17413
70	17781	16974	17031	13083	12079
75	15554	14731	11148	10055	10205
80	12146	10920	8000	7896	7833
85	7152	4727	3112	2045	1959



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																			
	80%				70%				50%				30%				10%			
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	68	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	50		
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	43		
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	37		
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	33		
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	29		
	9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	26		
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	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: PEL4-50MV-HE-NL-EDU
Peloton Led Highbay, Industrial
4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

TEST #20572
DATE: 4/13/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10756*	10756	10756	10756	10756
2.5	10751	10746	10746	10753	10746
5.0	10721	10721	10718	10726	10721
7.5	10675	10673	10676	10683	10671
10.0	10610	10608	10616	10618	10606
12.5	10530	10521	10531	10528	10531
15.0	10430	10421	10430	10426	10436
17.5	10304	10301	10310	10301	10316
20.0	10164	10159	10163	10161	10176
22.5	10014	9999	10013	10001	10036
25.0	9838	9819	9833	9819	9861
27.5	9637	9624	9635	9619	9651
30.0	9422	9404	9415	9402	9416
32.5	9181	9162	9175	9162	9146
35.0	8930	8902	8922	8907	8886
37.5	8650	8625	8650	8627	8621
40.0	8349	8325	8352	8333	8312
42.5	8028	8011	8042	8018	8002
45.0	7697	7671	7712	7683	7687
47.5	7341	7311	7366	7339	7347
50.0	6950	6931	6996	6966	7007
52.5	6544	6529	6598	6572	6582
55.0	6112	6100	6181	6160	6147
57.5	5666	5655	5743	5725	5708
60.0	5200	5188	5285	5278	5283
62.5	4718	4718	4810	4818	4808
65.0	4222	4224	4327	4329	4113
67.5	3716	3724	3832	3410	3164
70.0	3209	3222	3342	2600	2379
72.5	2693	2705	2541	1941	1929
75.0	2166	2193	1733	1589	1594
77.5	1660	1699	1231	1246	1259
80.0	1178	1166	908	917	895
82.5	747	560	608	400	370
85.0	386	302	220	150	140
87.5	130	92	88	92	90
90.0	10	20	18	10	0
92.5	0	10	8	0	0
95.0	0	0	3	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