

LUMINAIRE: PEL4-50MH-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment w/ 6 LED Boards, No Lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 26777
WATTS: 154.06
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 #20563

DATE: 6/6/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 174

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.38

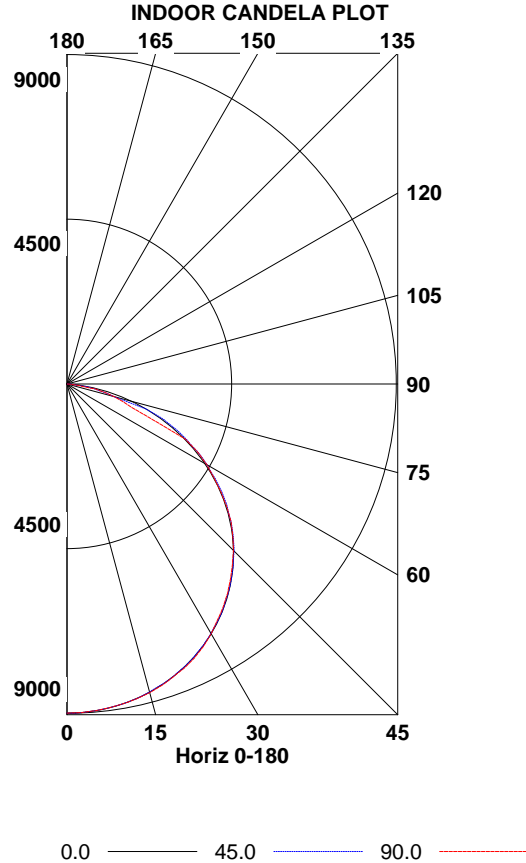
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7105	26.5	26.5
0-40	11768	44.0	44.0
0-60	21315	79.6	79.6
0-90	26774	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	26777	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	18028	18028	18028	18028	18028
30	18020	17774	17662	17587	17672
40	17964	17622	17484	17349	17372
45	17880	17488	17344	17174	17263
50	17668	17235	17135	16946	17117
55	17321	16835	16757	16578	16616
60	16818	16234	16180	16018	16115
65	16023	15393	15358	15227	15177
70	14861	14187	14238	9852	9622
75	13033	12347	8530	8422	8547
80	10239	9524	6696	6648	6870
85	6133	4070	2688	1432	1330



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: PEL4-50MH-HE-NL-EDU
Peloton Led Highbay, Industrial
4' Linear, Dual-Segment w/ 6 LED Boards, No Lens

TEST #20563
DATE: 6/6/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	8990*	8990	8990	8990	8990
2.5	8985	8980	8985	8985	8985
5.0	8960	8958	8960	8963	8960
7.5	8920	8920	8920	8923	8920
10.0	8870	8865	8870	8865	8870
12.5	8804	8795	8800	8795	8805
15.0	8714	8708	8712	8713	8730
17.5	8614	8605	8612	8605	8630
20.0	8499	8485	8500	8491	8510
22.5	8368	8353	8370	8356	8395
25.0	8223	8203	8220	8208	8250
27.5	8057	8043	8054	8039	8075
30.0	7877	7858	7869	7859	7880
32.5	7681	7661	7674	7659	7650
35.0	7461	7444	7462	7439	7435
37.5	7235	7214	7227	7209	7210
40.0	6984	6964	6986	6962	6950
42.5	6719	6699	6724	6700	6690
45.0	6438	6420	6451	6420	6430
47.5	6132	6115	6161	6131	6145
50.0	5806	5795	5851	5821	5855
52.5	5470	5458	5521	5494	5500
55.0	5104	5098	5168	5149	5135
57.5	4733	4721	4800	4785	4765
60.0	4347	4336	4417	4410	4410
62.5	3946	3942	4025	4023	4020
65.0	3530	3530	3617	3623	3585
67.5	3109	3112	3202	3032	2495
70.0	2682	2693	2794	1958	1895
72.5	2251	2266	2261	1611	1610
75.0	1815	1838	1326	1331	1335
77.5	1394	1426	1026	1041	1050
80.0	993	1017	760	772	785
82.5	632	457	513	305	310
85.0	331	260	190	105	95
87.5	110	80	75	75	75
90.0	10	20	15	10	0
92.5	0	10	10	0	0
95.0	0	0	0	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