

**LUMINAIRE:** PEL2-40MV-NL-EDU  
 Peloton Led Highbay, Industrial  
 2' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens  
**BALLAST:** OTi85HB  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 33280  
**WATTS:** 206.46  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.29  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.96  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #18.00543  
 DATE: 4/9/2018

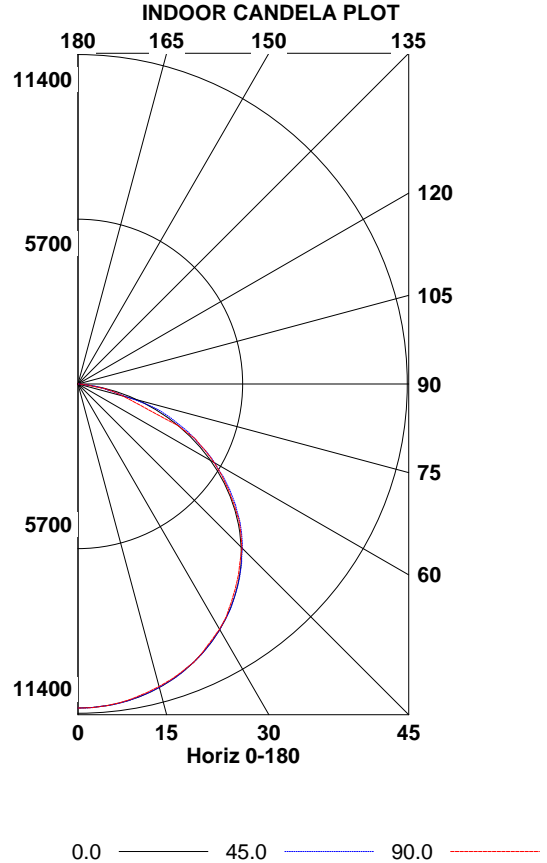
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 161**  
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.48**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8857	26.6	26.6
0-40	14670	44.1	44.1
0-60	26528	79.7	79.7
0-90	33272	100.0	100.0
90-120	8	0.0	0.0
90-130	8	0.0	0.0
90-150	8	0.0	0.0
90-180	8	0.0	0.0
0-180	33280	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	43370	43370	43370	43370	43370
30	42835	42299	42164	42132	42377
40	42454	41736	41553	41539	41588
45	41966	41219	41137	41079	41572
50	41116	40389	40554	40433	40916
55	39980	39114	39433	39357	39628
60	38317	37347	37804	37823	38323
65	35830	34880	35446	35762	36464
70	32506	31497	32332	28214	25087
75	27387	26528	22574	19422	20064
80	20093	19586	14313	15065	15816
85	9834	7354	5717	4379	4049



**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

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	67	59	54	64	58	53	62	57	50			
C	5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	43			
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	38			
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	33			
	8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	29			
	9	56	43	34	29	55	42	34	29	41	34	29	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: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	11214*	11214	11214	11214	11214
2.5	11204	11206	11206	11204	11209
5.0	11179	11174	11179	11174	11174
7.5	11134	11126	11134	11126	11124
10.0	11064	11061	11064	11059	11044
12.5	10979	10974	10979	10971	10945
15.0	10873	10866	10874	10861	10840
17.5	10743	10736	10746	10736	10725
20.0	10598	10586	10599	10588	10576
22.5	10428	10423	10436	10421	10436
25.0	10248	10233	10246	10238	10227
27.5	10038	10026	10041	10031	10003
30.0	9818	9796	9816	9803	9798
32.5	9567	9546	9568	9558	9549
35.0	9287	9278	9301	9293	9240
37.5	9002	8988	9013	9008	8941
40.0	8697	8678	8705	8695	8627
42.5	8357	8353	8383	8367	8303
45.0	7986	7983	8038	8019	8029
47.5	7591	7603	7680	7657	7645
50.0	7166	7187	7292	7262	7257
52.5	6735	6745	6872	6849	6788
55.0	6275	6292	6422	6401	6350
57.5	5795	5822	5957	5941	5906
60.0	5304	5324	5469	5463	5438
62.5	4794	4812	4964	4970	4944
65.0	4258	4296	4444	4475	4466
67.5	3728	3769	3921	3935	3733
70.0	3197	3239	3399	2959	2562
72.5	2652	2698	2851	2051	1989
75.0	2112	2168	1898	1628	1625
77.5	1596	1661	1238	1273	1281
80.0	1111	1175	893	936	937
82.5	676	553	598	453	384
85.0	325	278	230	175	150
87.5	80	105	90	80	70
90.0	5	33	38	20	5
92.5	0	10	15	10	0
95.0	0	8	10	10	0
97.5	0	0	10	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