



IES INDOOR REPORT

PHOTOMETRIC FILENAME : PXG-46-03-08-P6-8TW-W-XXXX-XXXX-POE 4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]GEN from BALLABS TEST NO. 20909.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 26-AUG-2019

[MANUFAC] H.E. WILLIAMS, INC - CARTHAGE, MO

[LUMINAIRE] 2 LED 22"ARRAY PXG WASH DISTRIBUTION WALL MNT LUMINAIRE

[MORE] WHITE STEEL HOUSING/REFL & TEXTURED FROST ACRYLIC LENS

[LUMCAT] PXG-46-3'08-P6/8TW-W-xxxx-xxxx-PoE

[LAMPCAT] HEW #10560226 HLM2256_5630 REV B

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1521
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	19.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.50
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	0.74
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	3.67 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2381	2451	7528
55	1856	2245	5525
65	1406	1640	3515
75	957	1052	1626
85	0	0	568

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	1395.579	1395.579	1395.579	1395.579	1395.579	1395.579	1395.579	1395.579	1395.579
5	1395.579	1398.393	1392.765	1395.579	1387.138	1392.765	1409.647	1423.716	1423.716
10	1170.485	1246.455	1353.374	1356.188	1342.119	1364.629	1387.138	1412.461	1418.088
15	590.870	731.553	1097.330	1291.473	1277.405	1313.983	1339.306	1311.169	1254.896
20	332.013	374.218	678.094	1198.622	1195.809	1238.014	1209.877	830.032	678.094
25	222.280	244.789	379.845	998.852	1105.771	1156.417	869.423	416.423	351.708
30	225.093	222.280	256.044	748.435	987.597	1043.870	453.000	256.044	233.534
35	230.721	225.093	205.398	500.833	880.678	894.746	286.994	225.093	211.025
40	219.466	216.652	199.770	315.131	731.553	647.143	202.584	191.329	171.634
45	191.329	196.957	196.957	219.466	604.938	419.236	180.075	151.938	160.379
50	157.565	166.006	180.075	157.565	481.137	253.230	137.870	140.683	137.870
55	120.988	123.801	146.311	140.683	360.149	151.938	120.988	109.733	106.919
60	90.037	92.851	106.919	118.174	253.230	112.547	92.851	84.410	78.783
65	67.528	73.155	78.783	95.665	168.820	84.410	73.155	61.901	59.087
70	50.646	53.460	59.087	73.155	95.665	61.901	53.460	39.391	45.019
75	28.137	30.950	30.950	39.391	47.832	33.764	28.137	25.323	22.509
80	16.882	16.882	19.696	19.696	25.323	16.882	16.882	8.441	8.441
85	0.000	0.000	0.000	0.000	5.627	2.814	2.814	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PXG-46-03-08-P6-8TW-W-XXXX-XXXX-POE 4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	450.40	N.A.	29.60
0-30	769.48	N.A.	50.60
0-40	1038.08	N.A.	68.30
0-60	1390.07	N.A.	91.40
0-80	1515.17	N.A.	99.60
0-90	1520.57	N.A.	100.00
10-90	1388.91	N.A.	91.30
20-40	587.68	N.A.	38.60
20-50	796.04	N.A.	52.40
40-70	439.41	N.A.	28.90
60-80	125.10	N.A.	8.20
70-80	37.68	N.A.	2.50
80-90	5.40	N.A.	0.40
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1520.57	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

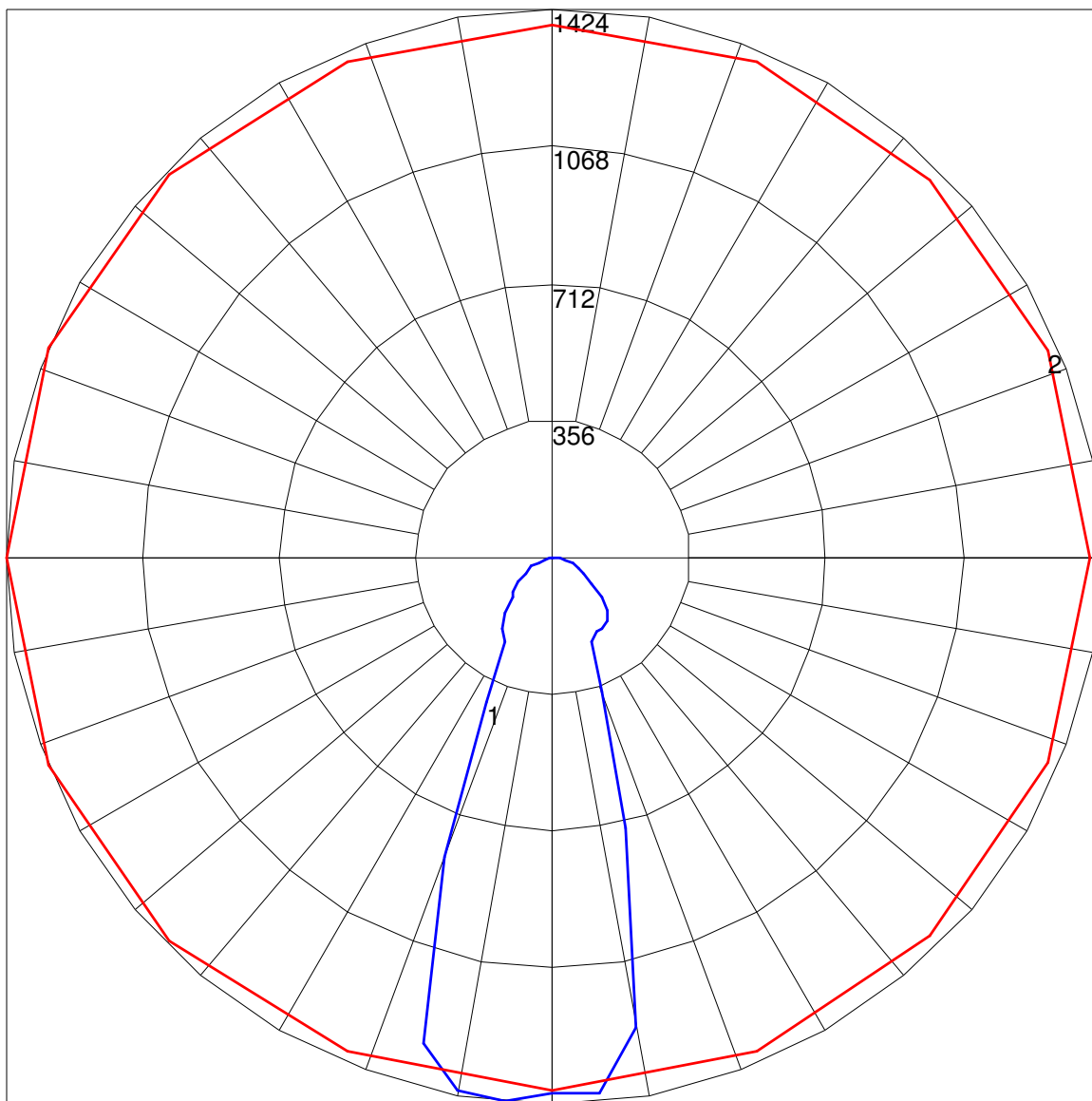
Zone	Lumens
0-10	131.66
10-20	318.74
20-30	319.08
30-40	268.60
40-50	208.37
50-60	143.62
60-70	87.42
70-80	37.68
80-90	5.40
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	335	335	335	335	327	327	327	327	313	313	313	300	300	300	287	287	287	282
1	314	304	295	287	307	298	290	283	286	280	274	276	270	266	266	262	258	252
2	293	275	261	249	286	270	257	246	261	250	240	252	243	235	244	237	230	225
3	274	250	233	218	267	246	230	217	239	224	213	231	219	209	225	215	206	201
4	256	229	209	194	250	226	207	193	219	203	191	213	199	188	207	196	186	181
5	240	211	190	175	234	208	189	174	202	185	173	197	182	171	192	180	169	164
6	225	195	174	159	220	192	173	159	187	170	157	183	168	156	179	166	155	150
7	212	181	160	146	208	178	159	145	175	157	145	171	155	144	167	153	143	138
8	200	168	148	135	196	167	148	134	163	146	134	160	144	133	157	143	132	128
9	189	158	138	125	186	156	137	125	153	136	124	150	135	124	148	134	123	119
10	180	148	129	116	176	147	128	116	144	127	116	142	126	115	139	125	115	111

POLAR GRAPH



Maximum Candela = 1423.716 Located At Horizontal Angle = 157.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)