



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : PXF-62-03-08-L7-8TW-W-XXXX-XXXX-DIM 4000K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST]GEN from BALLABS TEST NO. 20132.0  
 [TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC  
 [ISSUE DATE] 01-DEC-2017  
 [MANUFAC] WILLIAMS INDOOR  
 [OTHER] H.E. WILLIAMS, INC - CARTHAGE, MO  
 [LUMINAIRE] 2-56 LED 22"ARRAYS 4'RECESSED PERIMETER CONTINUOUS PX  
 [MORE] WHITE REFLECTOR w/FROSTED ACRYLIC LENS  
 [LUMCAT] PXF-62-03-08-L7-8TW-W-xxxx-xxxx--DIM 4000K

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2558
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	25.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.06
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.50 ft
Luminous Width (90-270)	3.71 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4962	5653	6464
55	4136	4994	5349
65	2426	4703	3950
75	1559	2045	2374
85	510	722	892

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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>
<b>0</b>	1385.238	1385.238	1385.238	1385.238	1385.238	1385.238	1385.238	1385.238	1385.238
<b>5</b>	1406.294	1383.323	1384.600	1382.047	1380.771	1400.551	1384.600	1367.372	1364.182
<b>10</b>	1395.447	1366.096	1376.943	1378.857	1371.200	1384.600	1353.334	1315.689	1311.222
<b>15</b>	1340.573	1313.774	1342.487	1355.249	1347.592	1345.678	1295.271	1239.121	1235.293
<b>20</b>	1231.464	1221.255	1276.767	1312.498	1303.565	1276.129	1195.733	1098.109	1098.747
<b>25</b>	1087.900	1095.556	1191.904	1244.863	1240.397	1198.285	1068.120	911.156	898.395
<b>30</b>	937.316	968.582	1091.090	1165.105	1156.173	1099.385	904.137	703.785	655.292
<b>35</b>	807.151	844.159	952.630	1063.015	1054.082	980.705	723.565	461.321	391.133
<b>40</b>	699.957	722.289	815.446	932.850	925.193	844.159	493.224	278.196	233.532
<b>45</b>	604.885	617.008	689.109	798.218	788.009	673.796	321.584	169.087	134.632
<b>50</b>	514.280	528.317	581.915	664.863	658.482	497.052	200.352	97.624	71.463
<b>55</b>	408.999	457.492	493.862	539.802	528.955	338.812	119.318	49.769	44.665
<b>60</b>	288.405	377.096	420.484	433.884	397.514	213.113	59.340	44.026	42.750
<b>65</b>	176.744	238.636	342.641	343.279	287.767	114.852	38.922	42.750	40.836
<b>70</b>	107.833	120.594	203.543	255.864	188.229	42.112	36.370	39.560	38.922
<b>75</b>	69.549	70.187	91.243	166.535	105.919	23.608	33.817	33.817	29.989
<b>80</b>	33.817	36.370	44.665	52.321	51.045	19.142	24.885	21.056	19.142
<b>85</b>	7.657	7.657	10.847	8.933	13.399	7.657	14.675	8.933	6.381
<b>90</b>	0.000	0.000	1.276	1.276	1.276	2.552	1.276	0.000	0.000

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : PXF-62-03-08-L7-8TW-W-XXXX-XXXX-DIM 4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	500.13	N.A.	19.60
0-30	1012.7	N.A.	39.60
0-40	1534.3	N.A.	60.00
0-60	2275.47	N.A.	89.00
0-80	2542.74	N.A.	99.40
0-90	2557.77	N.A.	100.00
10-90	2426.44	N.A.	94.90
20-40	1034.17	N.A.	40.40
20-50	1464.17	N.A.	57.20
40-70	929.85	N.A.	36.40
60-80	267.27	N.A.	10.40
70-80	78.60	N.A.	3.10
80-90	15.03	N.A.	0.60
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	2557.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

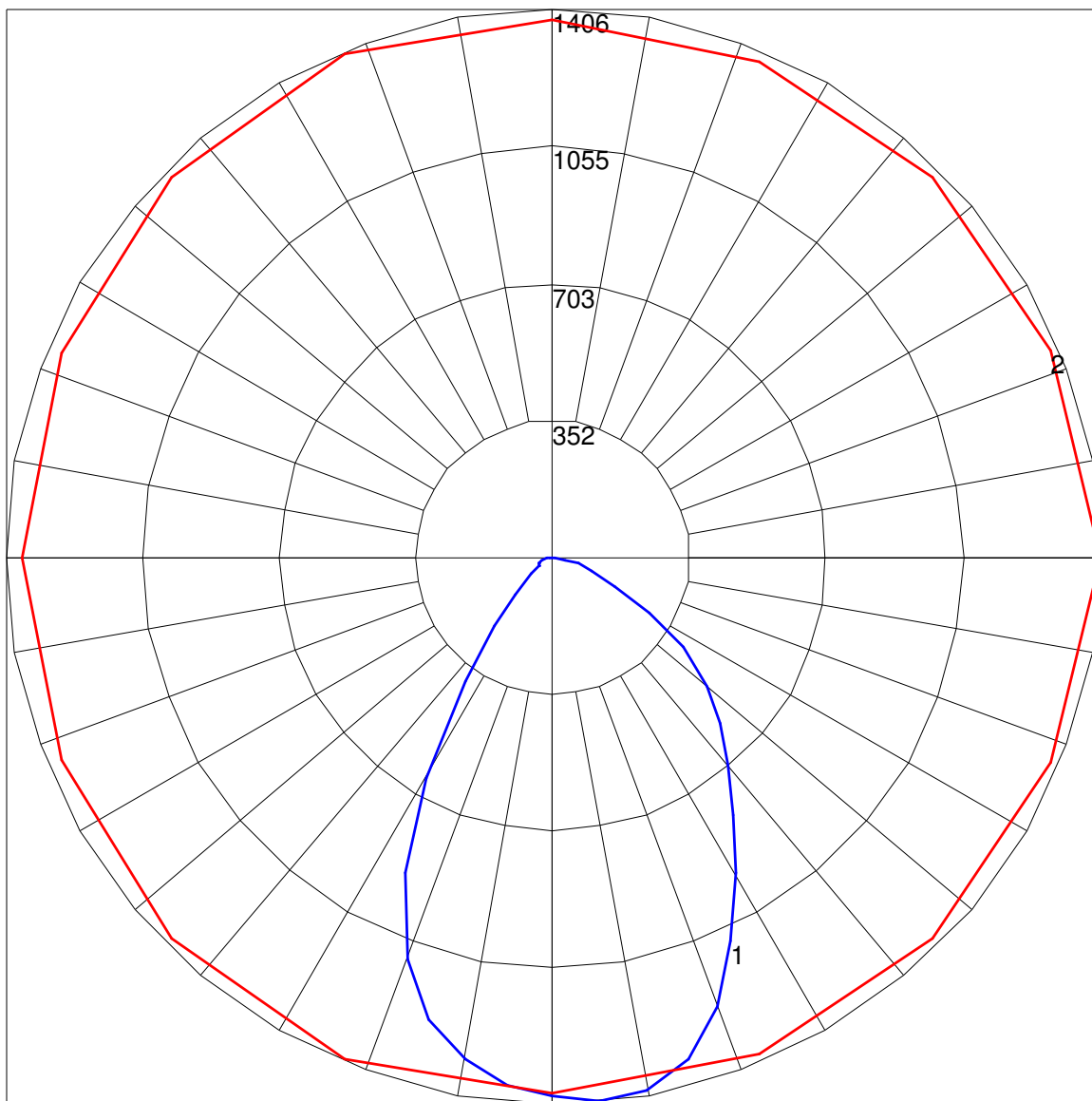
Zone	Lumens
0-10	131.34
10-20	368.79
20-30	512.57
30-40	521.60
40-50	429.99
50-60	311.18
60-70	188.68
70-80	78.60
80-90	15.03
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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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	76	76	76	76	74	74	74	74	71	71	71	68	68	68	65	65	65	64
1	71	68	66	64	69	67	65	63	64	62	61	62	60	59	59	58	57	56
2	65	61	57	54	64	60	56	54	58	55	52	56	53	51	54	52	50	49
3	60	55	50	47	59	54	50	46	52	48	45	50	47	45	49	46	44	43
4	56	49	44	41	55	48	44	40	47	43	40	46	42	39	44	41	39	38
5	52	45	40	36	51	44	39	36	43	39	35	42	38	35	40	37	35	33
6	48	41	36	32	47	40	35	32	39	35	32	38	34	31	37	34	31	30
7	45	37	32	29	44	37	32	29	36	32	29	35	31	28	34	31	28	27
8	42	34	30	26	41	34	29	26	33	29	26	32	29	26	32	28	26	25
9	40	32	27	24	39	32	27	24	31	27	24	30	26	24	30	26	23	22
10	37	30	25	22	37	29	25	22	29	25	22	28	24	22	28	24	22	21

POLAR GRAPH



Maximum Candela = 1406.294 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)