



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : PXF-62-03-08-P11-8TW-W-XXXX-XXXX-POE 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

[ISSUEDATE] 01-DEC-2017

[MANUFAC] WILLIAMS INDOOR

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

[LUMINAIRE] 2 LED 22" ARRAYS 4' RECESSED PERIMETER CONTINUOUS PX

[MORE] WHITE REFLECTOR w/FROSTED ACRYLIC LENS

[LUMCAT] PXF-62-03-08-P11-8TW-W-xxxx-xxxx-PoE 4000k

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3996
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	38.2
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	7752	8832	10099
55	6462	7803	8357
65	3790	7347	6171
75	2435	3195	3709
85	796	1128	1393

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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>	2164.301	2164.301	2164.301	2164.301	2164.301	2164.301	2164.301	2164.301	2164.301
<b>5</b>	2197.199	2161.310	2163.304	2159.317	2157.323	2188.227	2163.304	2136.388	2131.403
<b>10</b>	2180.252	2134.394	2151.341	2154.332	2142.369	2163.304	2114.455	2055.637	2048.659
<b>15</b>	2094.517	2052.647	2097.508	2117.446	2105.483	2102.492	2023.736	1936.008	1930.026
<b>20</b>	1924.045	1908.094	1994.826	2050.653	2036.696	1993.829	1868.218	1715.690	1716.687
<b>25</b>	1699.739	1711.702	1862.236	1944.980	1938.002	1872.205	1668.835	1423.594	1403.655
<b>30</b>	1464.467	1513.316	1704.724	1820.366	1806.409	1717.683	1412.628	1099.597	1023.831
<b>35</b>	1261.097	1318.918	1488.393	1660.859	1646.903	1532.257	1130.501	720.769	611.109
<b>40</b>	1093.615	1128.507	1274.057	1457.489	1445.526	1318.918	770.615	434.655	364.871
<b>45</b>	945.075	964.016	1076.668	1247.140	1231.189	1052.742	502.445	264.182	210.349
<b>50</b>	803.513	825.445	909.186	1038.785	1028.816	776.596	313.031	152.528	111.654
<b>55</b>	639.022	714.788	771.612	843.390	826.442	529.362	186.423	77.759	69.784
<b>60</b>	450.605	589.176	656.967	677.902	621.078	332.969	92.713	68.787	66.793
<b>65</b>	276.145	372.846	535.343	536.340	449.608	179.445	60.812	66.793	63.803
<b>70</b>	168.479	188.417	318.016	399.763	294.090	65.796	56.824	61.809	60.812
<b>75</b>	108.664	109.661	142.559	260.195	165.488	36.886	52.836	52.836	46.855
<b>80</b>	52.836	56.824	69.784	81.747	79.753	29.907	38.880	32.898	29.907
<b>85</b>	11.963	11.963	16.948	13.957	20.935	11.963	22.929	13.957	9.969
<b>90</b>	0.000	0.000	1.994	1.994	1.994	3.988	1.994	0.000	0.000

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : PXF-62-03-08-P11-8TW-W-XXXX-XXXX-POE 4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	781.40	N.A.	19.60
0-30	1582.25	N.A.	39.60
0-40	2397.2	N.A.	60.00
0-60	3555.21	N.A.	89.00
0-80	3972.79	N.A.	99.40
0-90	3996.28	N.A.	100.00
10-90	3791.08	N.A.	94.90
20-40	1615.8	N.A.	40.40
20-50	2287.62	N.A.	57.20
40-70	1452.8	N.A.	36.40
60-80	417.59	N.A.	10.40
70-80	122.80	N.A.	3.10
80-90	23.48	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	3996.28	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

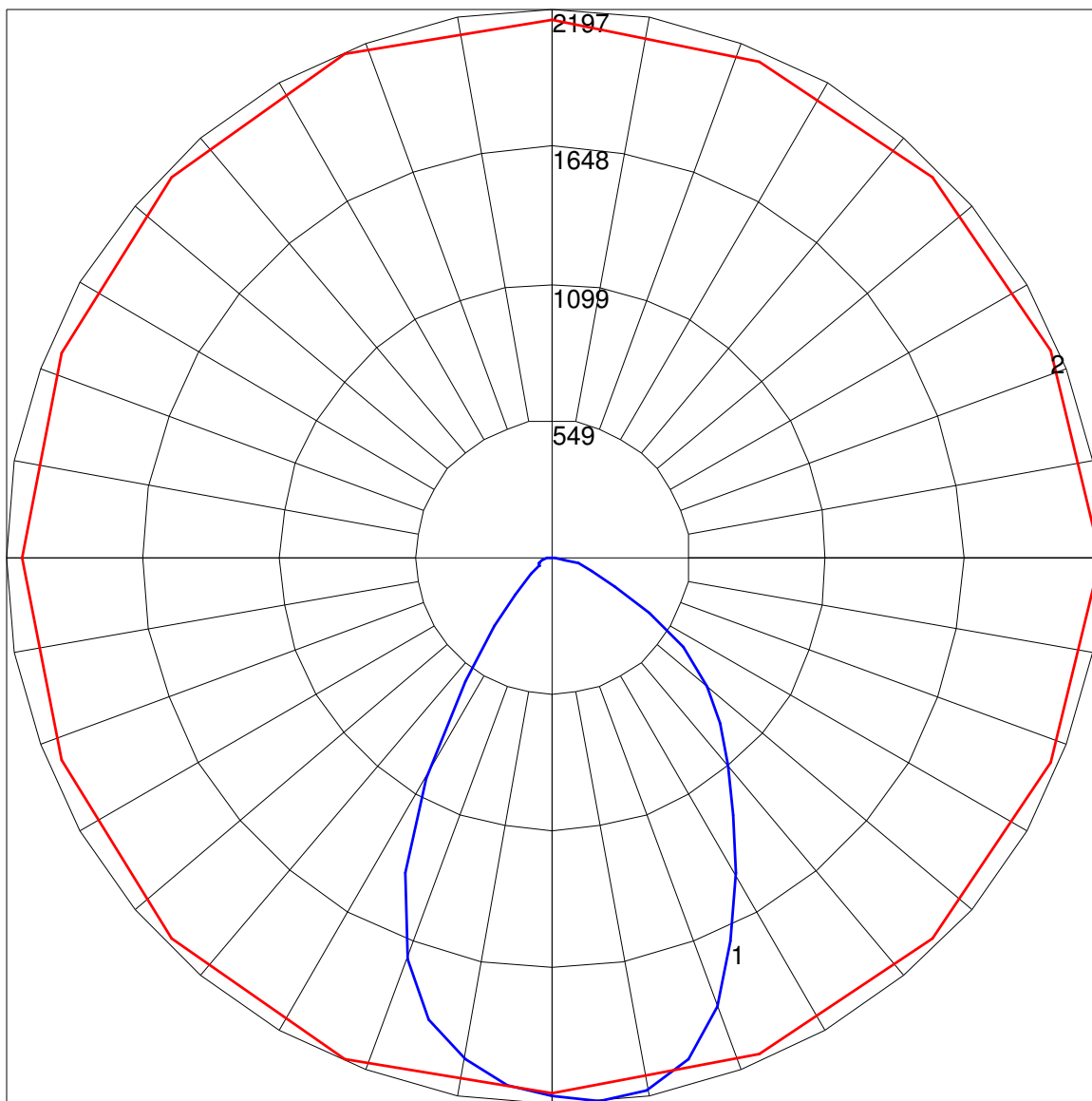
Zone	Lumens
0-10	205.20
10-20	576.20
20-30	800.85
30-40	814.95
40-50	671.82
50-60	486.18
60-70	294.79
70-80	122.80
80-90	23.48
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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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	186	186	186	186	182	182	182	182	174	174	174	166	166	166	159	159	159	156
1	173	167	161	157	169	163	159	154	157	153	149	151	148	145	145	143	140	137
2	160	149	140	133	156	146	138	131	141	134	128	136	130	125	131	127	123	120
3	148	134	123	114	144	131	121	113	127	118	111	123	116	109	119	113	108	105
4	137	121	109	100	134	119	108	99	115	105	98	112	103	96	108	101	95	92
5	127	110	97	88	124	108	96	88	105	94	87	102	93	86	99	91	85	82
6	118	100	87	78	116	98	87	78	96	85	78	93	84	77	91	83	76	73
7	111	92	79	71	108	90	79	70	88	78	70	86	77	69	84	75	69	66
8	104	84	72	64	101	83	72	64	81	71	64	80	70	63	78	69	63	60
9	97	78	66	58	95	77	66	58	76	65	58	74	65	58	72	64	58	55
10	92	73	61	54	90	72	61	54	70	60	53	69	60	53	68	59	53	50

POLAR GRAPH



Maximum Candela = 2197.199 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.)