



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6DR-TL-P62-835-DIM-POE-OW-OF-CS.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]GEN from BALLABS TEST NO. 20687.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUE DATE] 12-DEC-2018

[MANUFAC] WILLIAMS INDOOR

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

[LUMINAIRE] 1 BRIDGELUX V13 LED 6"RND RECESSED CAST HOUSING DOWNLIGHT

[MORE] OPEN SEMI-SPEC SPUN ALUMINUM REFLECTOR (WIDE)

[LUMCAT] 6DR-TL-P62-835-DIM-POE-OW-OF-CS

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6158
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	0.98
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.48 ft (Diameter)
Luminous Width (90-270)	0.48 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11406	11406	11406
55	3974	3974	3974
65	830	830	830
75	0	0	0
85	0	0	0

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CANDELA TABULATION

	<u>0</u>
0	4912.298
5	4639.066
10	5106.204
15	5097.390
20	5323.614
25	5823.071
30	5720.241
35	1774.538
40	243.852
45	135.147
50	79.325
55	38.194
60	20.566
65	5.876
70	0.000
75	0.000
80	0.000
85	0.000
90	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1926.91	N.A.	31.30
0-30	4556.81	N.A.	74.00
0-40	5997.22	N.A.	97.40
0-60	6149.87	N.A.	99.90
0-80	6157.78	N.A.	100.00
0-90	6157.78	N.A.	100.00
10-90	5694.98	N.A.	92.50
20-40	4070.31	N.A.	66.10
20-50	4183.82	N.A.	67.90
40-70	160.56	N.A.	2.60
60-80	7.92	N.A.	0.10
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
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	6157.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	462.80
10-20	1464.11
20-30	2629.9
30-40	1440.41
40-50	113.51
50-60	39.13
60-70	7.92
70-80	0.00
80-90	0.00
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

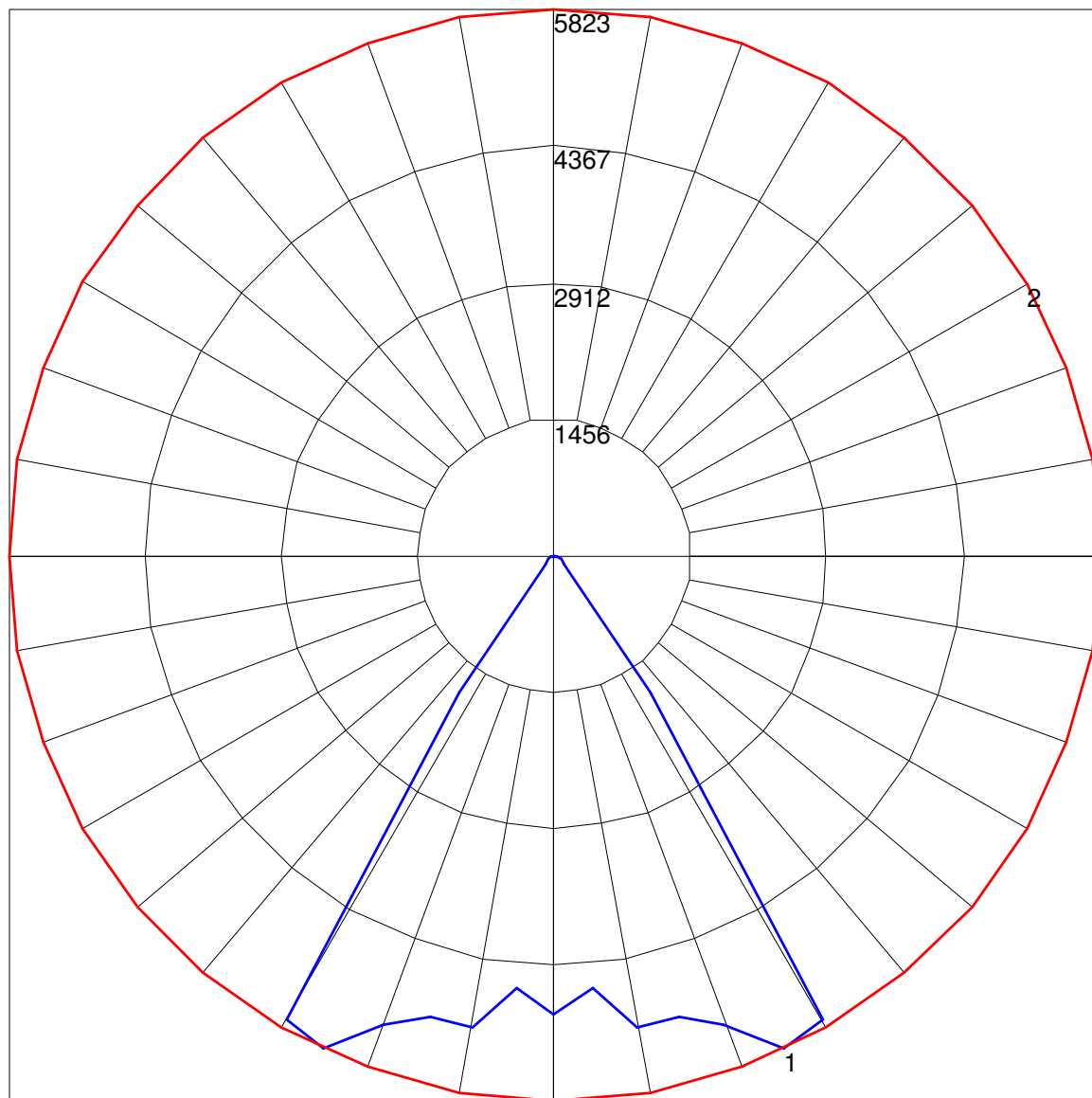
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	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	236	236	236	236	231	231	231	231	220	220	220	211	211	211	202	202	202	198
1	225	220	215	210	220	215	211	207	207	204	201	200	197	195	193	191	189	185
2	214	204	196	190	210	201	194	188	195	189	183	189	184	180	183	179	176	173
3	203	190	181	173	199	188	179	171	183	175	169	178	171	166	173	168	163	160
4	193	178	167	158	189	176	165	158	171	163	156	167	160	154	164	157	152	149
5	183	166	155	146	180	164	153	145	161	151	144	157	149	143	154	147	142	139
6	173	156	144	135	170	154	143	135	151	141	134	148	140	133	146	138	132	129
7	164	146	134	125	162	145	133	125	142	132	124	140	131	124	137	129	123	120
8	156	137	125	117	154	136	124	117	134	123	116	132	122	116	130	121	115	112
9	148	129	117	109	146	128	117	109	126	116	108	124	115	108	123	114	108	105
10	141	121	110	102	139	121	109	102	119	109	102	117	108	101	116	107	101	98

POLAR GRAPH



Maximum Candela = 5823.071 Located At Horizontal Angle = 0, Vertical Angle = 25

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)