



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DS-P25-835-DIM-POE-OM-OF-CS.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]GEN from BALLABS TEST NO. 20345.0
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
[ISSUE DATE] 26-APR-2018
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC - CARTHAGE, MO
[LUMINAIRE] GEN7 V13 LED 6"SHORT HEATSINK 6"SQ CAST HOUSING DOWNLIGHT
[MORE] ACRYLIC MED TIR OPTIC & 6"ALUM SEMI-SPEC TRIM w/FROST FILM
[MORE] ADVANCE #XI025C070V054DSM1 @ 560mA
[LUMCAT] 6DS-P25-835-DIM-PoE-OM-OF-CS
[LAMPCAT] BXRE-35E2000
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] Indoor, Classroom, Commercial, Industrial, Office, Direct, Downlight
[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1875
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.70
Spacing Criterion (90-270)	0.70
Spacing Criterion (Diagonal)	0.74
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.50 ft
Luminous Width (90-270)	0.50 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6642	15304	6642
55	534	1691	534
65	0	0	0
75	0	0	0
85	0	0	0

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : 6DS-P25-835-DIM-POE-OM-OF-CS.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	2880.143	2880.143	2880.143	2880.143	2880.143
5	2751.978	2756.725	2749.605	2761.472	2761.472
10	2441.061	2439.874	2441.061	2439.874	2442.247
15	2022.152	2016.219	2007.912	2015.032	2025.712
20	1606.804	1598.497	1583.070	1590.190	1599.684
25	1202.136	1202.136	1184.336	1196.203	1196.203
30	818.829	822.389	847.310	823.576	825.949
35	518.592	525.712	609.968	545.886	507.911
40	270.570	325.158	423.655	333.465	265.823
45	109.177	150.712	251.582	166.139	109.177
50	30.854	47.468	103.244	53.402	30.854
55	7.120	10.680	22.547	10.680	7.120
60	2.373	3.560	3.560	3.560	2.373
65	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DS-P25-835-DIM-POE-OM-OF-CS.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	815.11	N.A.	43.50
0-30	1363.83	N.A.	72.80
0-40	1714.57	N.A.	91.50
0-60	1873.8	N.A.	100.00
0-80	1874.59	N.A.	100.00
0-90	1874.59	N.A.	100.00
10-90	1621.31	N.A.	86.50
20-40	899.46	N.A.	48.00
20-50	1039.44	N.A.	55.40
40-70	160.02	N.A.	8.50
60-80	0.79	N.A.	0.00
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	1874.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	253.28
10-20	561.83
20-30	548.72
30-40	350.74
40-50	139.98
50-60	19.25
60-70	0.79
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

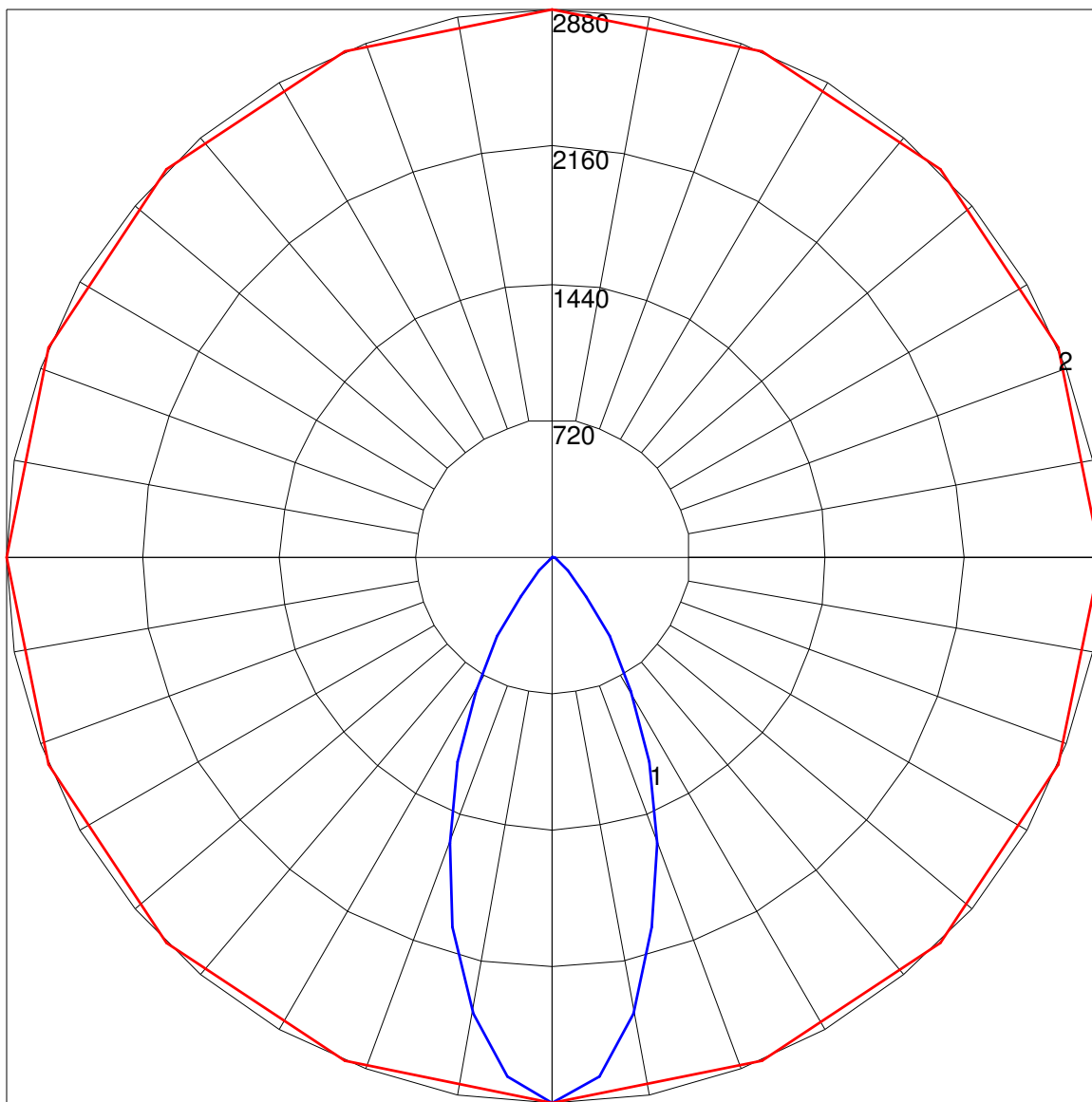
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DS-P25-835-DIM-POE-OM-OF-CS.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	98	98	97	96	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77
5	93	85	80	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67
7	85	76	70	66	83	75	69	66	74	69	65	73	68	65	71	68	65	63
8	81	72	66	62	80	71	65	62	70	65	61	69	64	61	68	64	61	60
9	77	68	62	58	76	67	62	58	66	61	58	65	61	58	65	61	57	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53

POLAR GRAPH



Maximum Candela = 2880.143 Located At Horizontal Angle = 0, Vertical Angle = 0

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

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)