



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CR-TL-L20-835-EM10W REMOTE-XXX-DIM-UNV-OW-CS-XX\_EM MODE ONLY.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM BALLABS TEST NO. 20685.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUE DATE] 26-JAN-2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMINAIRE] 1 BRIDGELUX V13 LED 6" ROUND SURFACE CYLINDER

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

[MORE] ADVANCE #XI025C070V054DSM5 @ 490mA

[LUMCAT] 6CR-TL-L20-835-EM10W REMOTE-xxx-DIM-UNV-OW-CS-xx (EMER MODE ONLY)

[LAMPCAT] V13 BXRE-35E2000

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1005
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	0.94
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.37 ft (Diameter)
Luminous Width (90-270)	0.37 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	3049	3049	3049
55	940	940	940
65	116	116	116
75	0	0	0
85	0	0	0

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CR-TL-L20-835-EM10W REMOTE-XXX-DIM-UNV-OW-CS-XX\_EM MODE ONLY.IES

## CANDELA TABULATION

	<u>0</u>
<b>0</b>	862.947
<b>5</b>	888.692
<b>10</b>	915.391
<b>15</b>	934.462
<b>20</b>	975.940
<b>25</b>	1063.665
<b>30</b>	833.387
<b>35</b>	146.367
<b>40</b>	38.141
<b>45</b>	20.978
<b>50</b>	10.966
<b>55</b>	5.244
<b>60</b>	2.384
<b>65</b>	0.477
<b>70</b>	0.477
<b>75</b>	0.000
<b>80</b>	0.000
<b>85</b>	0.000
<b>90</b>	0.000

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : 6CR-TL-L20-835-EM10W REMOTE-XXX-DIM-UNV-OW-CS-XX\_EM MODE ONLY.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	352.65	N.A.	35.10
0-30	806.64	N.A.	80.20
0-40	981.70	N.A.	97.60
0-60	1004.39	N.A.	99.90
0-80	1005.45	N.A.	100.00
0-90	1005.45	N.A.	100.00
10-90	919.98	N.A.	91.50
20-40	629.05	N.A.	62.60
20-50	646.45	N.A.	64.30
40-70	23.63	N.A.	2.40
60-80	1.06	N.A.	0.10
70-80	0.12	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	1005.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	85.48
10-20	267.18
20-30	453.99
30-40	175.06
40-50	17.40
50-60	5.29
60-70	0.94
70-80	0.12
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 : 6CR-TL-L20-835-EM10W REMOTE-XXX-DIM-UNV-OW-CS-XX\_EM MODE ONLY.IES

## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

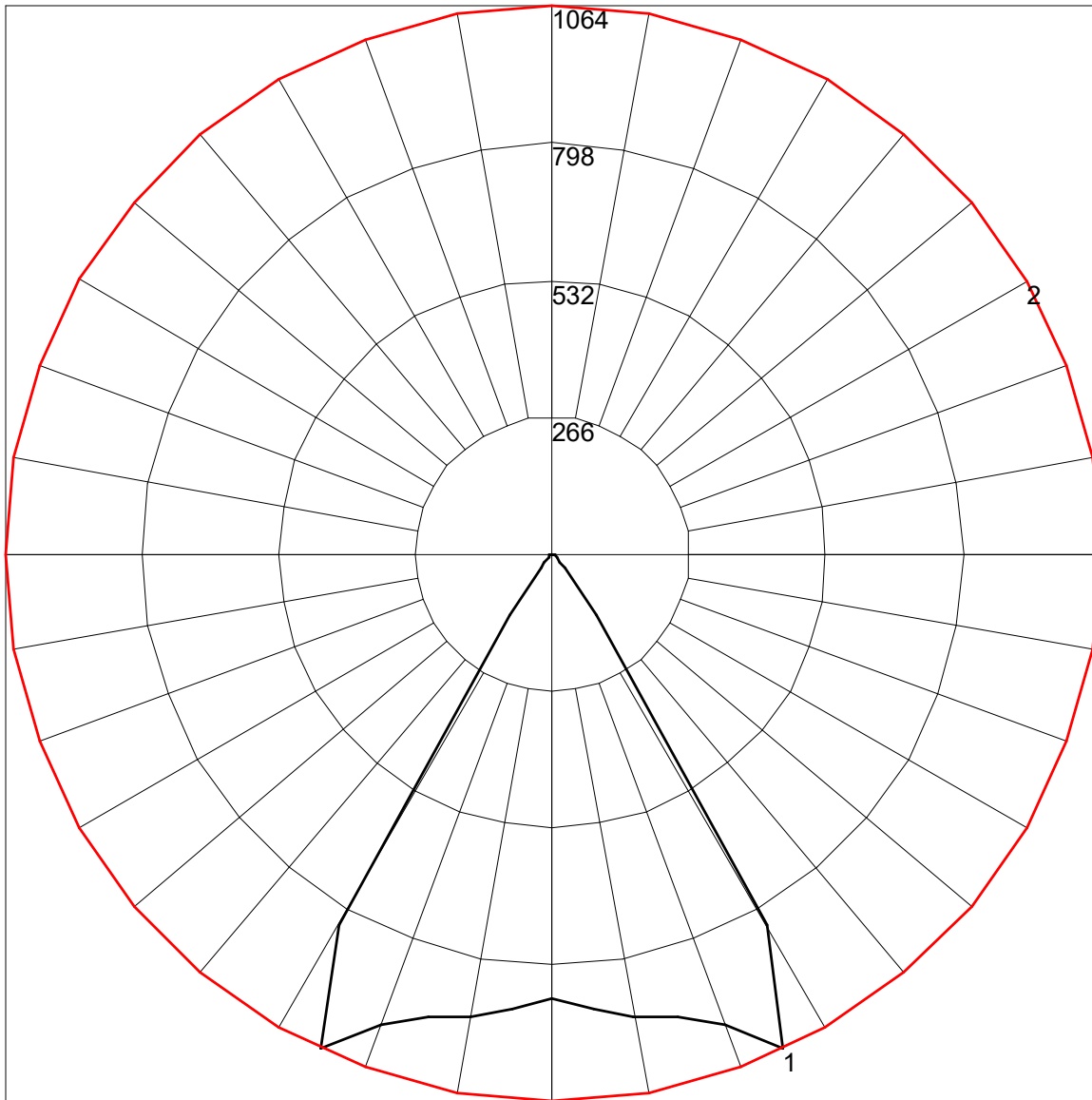
Effective Floor Cavity Reflectance 0.20

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	99	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	96	91	88	93	89	86	91	87	85	88	86	84	82
4	98	91	85	81	96	90	85	81	87	83	80	86	82	79	84	81	78	77
5	93	85	79	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	69	76	72	69	75	71	68	67
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59
9	76	67	61	57	75	66	61	57	66	61	57	65	60	57	64	60	57	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CR-TL-L20-835-EM10W REMOTE-XXX-DIM-UNV-OW-CS-XX\_EM MODE ONLY.IES

## POLAR GRAPH



Maximum Candela = 1063.665 Located At Horizontal Angle = 0, Vertical Angle = 25

# 1 - Vertical Plane Through Horizontal Angles (90 - 270)

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