

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : REM-RCSOSP\_(RED).IES

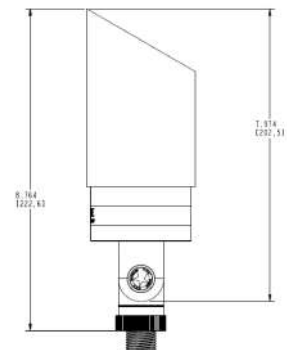
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3965  
[TESTLAB] Labsphere  
[ISSUE DATE] 6/14/2022 11:29:41 AM  
[MANUFAC] TORO  
[LUMINAIRE] REM-RCSOSP  
[LAMP] REMBRANDT, BR, 12V, SO, SP, RGB-CCT, 25'WL, WB\_(RED)  
[ \_ AMBIENT] 24.0 deg C  
[ \_ POWERFACTOR] 0.6090  
[ \_ ATHD] 0.00%  
[ \_ CURRENT] 0.52  
[ \_ VOLTAGE] 11.90  
[ \_ Lumens] 72.45  
[ \_ END VOLTS] 11.90  
[ \_ END CURRENT] 0.52  
[ \_ END POWER] 3.75

Note: Candela values converted from Type-C to Type-B

### CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	287.48
Maximum Candela Angle	-3H 3V
Horizontal Beam Angle (50%)	26.9
Vertical Beam Angle (50%)	25.5
Horizontal Field Angle (10%)	44.9
Vertical Field Angle (10%)	42.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	37
Beam Efficiency	N.A.
Field Lumens	57
Field Efficiency	N.A.
Spill Lumens	11
Luminaire Lumens	68
Total Efficiency	N.A.
Total Luminaire Watts	3.77
Ballast Factor	1.00



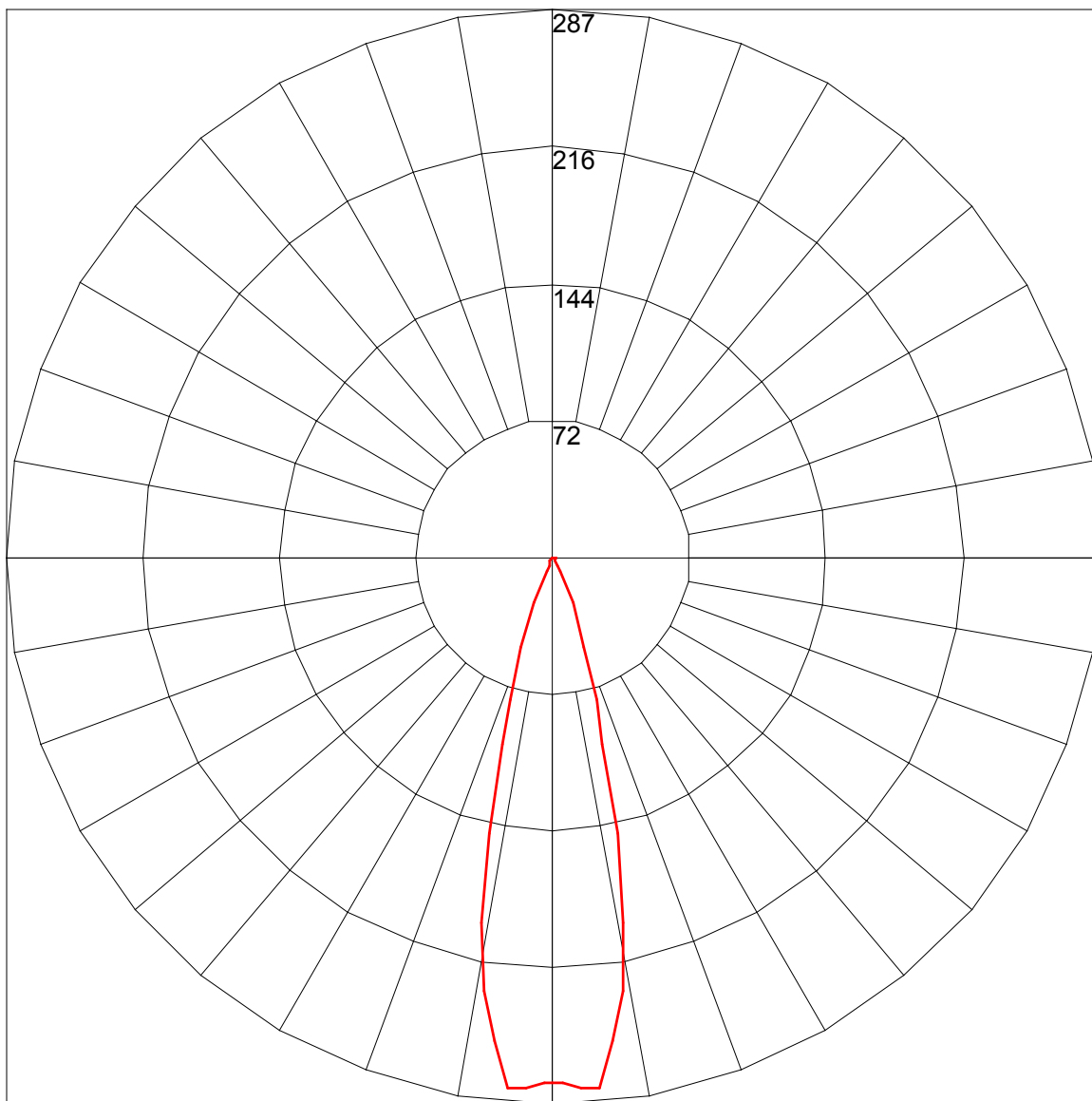
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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.77	90	.88
85	1.02	85	.64
75	.79	75	.97
65	.96	65	.95
55	.98	55	.79
47.5	.85	47.5	1.29
42.5	1.03	42.5	1.89
37.5	1.28	37.5	2.92
33	2.33	33	5.31
29	4.79	29	9.7
25.5	8.69	25.5	16.32
22.5	26.57	22.5	28.83
19.5	49.69	19.5	48.04
17	78.76	17	86.32
15	102.02	15	116.95
13	148.78	13	157.33
11	195.54	11	197.72
9	231.29	9	230.15
7	256.04	7	254.64
5	280.78	5	279.13
3	278.94	3	277.95
1	277.09	1	276.76
0	276.17	0	276.17
-1	277.09	-1	274.72
-3	278.94	-3	271.83
-5	280.78	-5	268.94
-7	256.04	-7	237.96
-9	231.29	-9	206.97
-11	195.54	-11	170.98
-13	148.78	-13	129.99
-15	102.02	-15	89
-17	78.76	-17	64.9
-19.5	49.69	-19.5	34.78
-22.5	26.57	-22.5	20.17
-25.5	8.69	-25.5	10.84
-29	4.79	-29	5.65
-33	2.33	-33	2.87
-37.5	1.28	-37.5	1.6
-42.5	1.03	-42.5	1.19
-47.5	.85	-47.5	.96
-55	.98	-55	.9
-65	.96	-65	.74
-75	.79	-75	.79
-85	1.02	-85	.58
-90	.77	-90	.8

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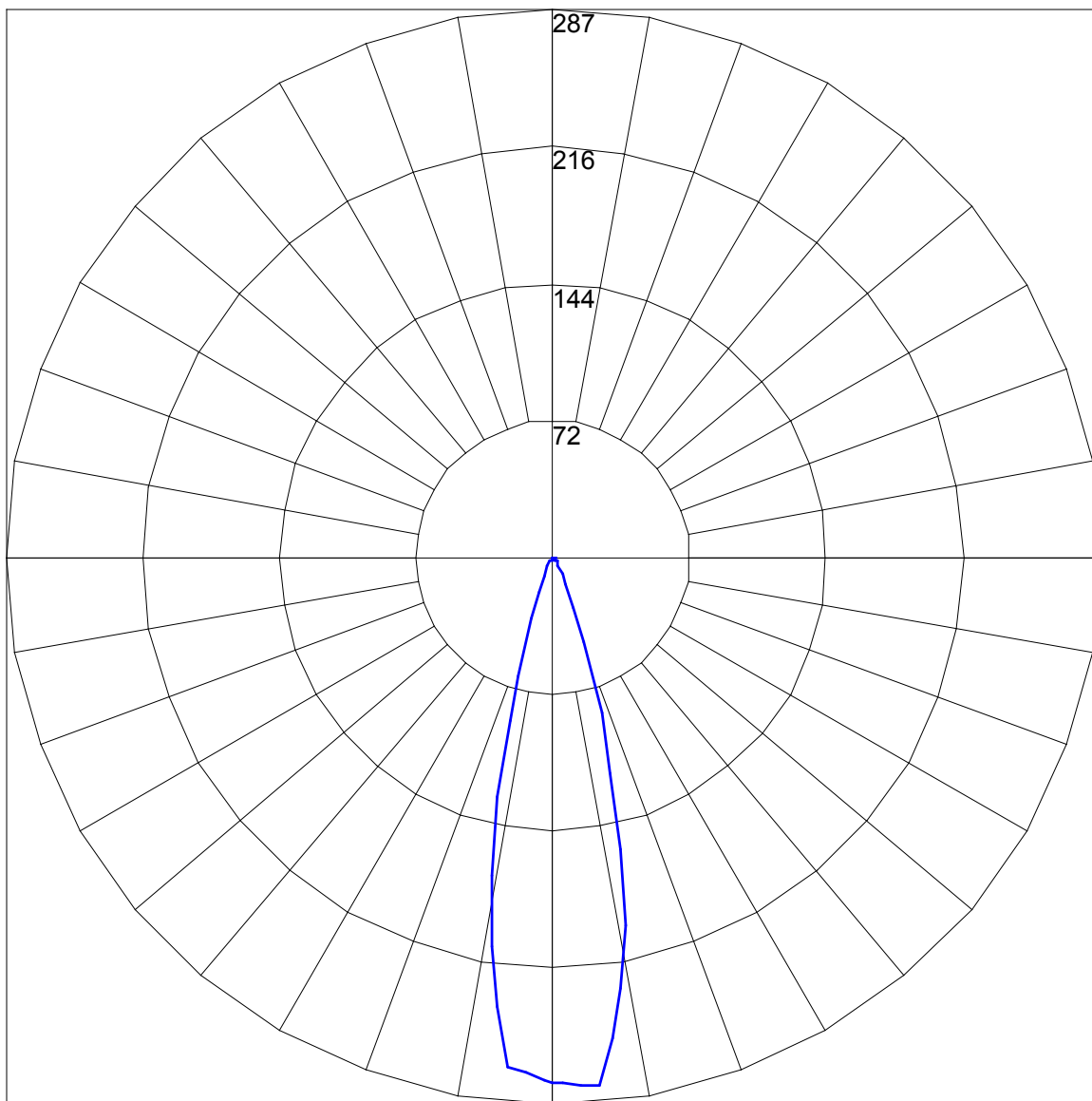
AXIAL CANDELA DISPLAY



Maximum Candela = 287.48 Located At Horizontal Angle =-3, Vertical Angle = 3  
Horizontal Axial Candela

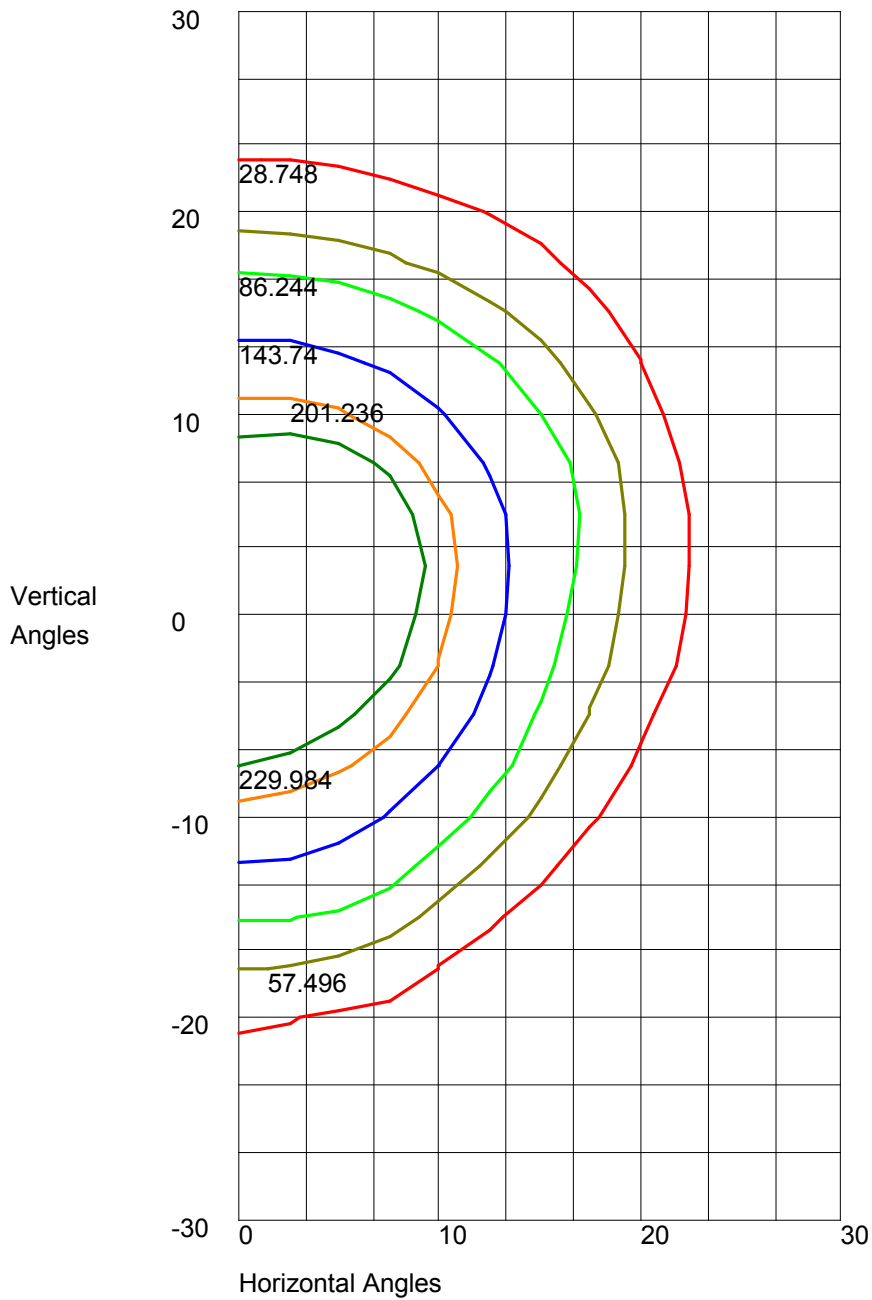
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AXIAL CANDELA DISPLAY



Maximum Candela = 287.48 Located At Horizontal Angle = -3, Vertical Angle = 3  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 287.48 Located At Horizontal Angle =-3, Vertical Angle = 3  
50% Maximum Candela = 143.74  
10% Maximum Candela = 28.748