
PHOTOMETRIC FILENAME : 2021/1/18 8:59:38

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Viso LabSpion - serial: n/a sensor serial: n/a
[TESTLAB] n/a
[MANUFAC] Moon On Noon
[ISSUEDATE] 6/25/2026
[LUMINAIRE] 2021/1/18 8:59:38
[LUMCAT] N/A
[_SERIALNUMBER] n/a - n/a

Measurement Conditions

Tested c-planes, qty	13
Tested gamma angles, qty	181

Tested Light Source

Luminaire	2021/1/18 8:59:38
Item No.	
Manufacturer	Moon On Noon

Main Light Measurement Results

Luminaire lumens	491.8 lm
Total Lamp Lumens	492.2 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	99.9%
Luminaire Efficacy Rating (LER)	47.1 lm/W
Total Luminaire Watts	10.44 W
Basic Luminous Shape	PANEL
Luminous Length (0-180)	3.9 cm
Luminous Width (90-270)	3.9 cm
Luminous Height	0.2 cm
Correlated Color Temperature, CCT	3000 K
Color Rendering Index, CRI	85.0

ZONAL LUMEN SUMMARY

Zone	lumen	%Lamp	%Fixture	Lamp Flux	Fixture Flux
0-20	159.6	79.52 %	79.58 %		
0-30	391.4	79.52 %	88.53 %	492.2	
0-40	435.4	88.46 %	96.07 %		
0-60	472.5	95.99 %	99.02 %		491.8
0-80	487	98.95 %	100 %		
0-90	491.8	99.92 %	74.91 %		
10-90	368.4	74.85 %	27.62 %		
20-40	135.8	27.59 %	32.39 %		
20-50	159.3	32.37 %	9.272 %		
40-70	45.6	9.265 %	2.955 %		
60-80	14.53	2.953 %	1.22 %		
70-80	6.001	1.219 %	0.9742 %		
80-90	4.792	0.9735 %	2.878 m %		
90-110	14.15 m	2.876 m %	2.878 m %		
90-120	14.15 m	2.876 m %	2.878 m %		
90-130	14.15 m	2.876 m %	2.878 m %		
90-150□□	14.15 m	2.876 m %	2.878 m %		
90-180	14.15 m	2.876 m %	0 %		
110-180	0	0 %	100 %		
0-180	491.8	99.92 %	0 %		
Total Luminaire Efficiency =			99.92 %		

Zone	lumen
0-10	123.4
10-20	176.2
20-30	91.81
30-40	44.02
40-50	23.49
50-60	13.59
60-70	8.531
70-80	6.001
80-90	4.792
90-100	14.15 m
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170□□	0
170-180	0

IES INDOOR REPORT



Gamma / C	0	10	20	30	40	50	60	70	80
180,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
177,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
175,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
172,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
170,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
167,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
165,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
162,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
160,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
157,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
155,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
152,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
150,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
147,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
145,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
142,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
140,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
137,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
135,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
132,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
130,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
127,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
125,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
122,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
120,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
117,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
115,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
112,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
110,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
107,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
105,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
102,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
100,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
97,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
95,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
92,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
90,0	11.89 cd	11.57 cd	11.25 cd	10.92 cd	7.282 cd	3.641 cd	0 cd	0.943 cd	1.886 cd
87,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
85,0	12.59 cd	12.1 cd	11.62 cd	11.14 cd	10.16 cd	9.173 cd	8.19 cd	6.243 cd	4.296 cd
82,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
80,0	13.25 cd	12.79 cd	12.32 cd	11.86 cd	10.88 cd	9.896 cd	8.912 cd	6.985 cd	5.058 cd
77,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
75,0	15.66 cd	14.81 cd	13.97 cd	13.13 cd	11.94 cd	10.76 cd	9.575 cd	7.607 cd	5.64 cd
72,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
70,0	19.27 cd	18.11 cd	16.94 cd	15.78 cd	14.15 cd	12.53 cd	10.9 cd	8.752 cd	6.604 cd
67,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
65,0	24.21 cd	22.58 cd	20.96 cd	19.33 cd	17.14 cd	14.95 cd	12.77 cd	10.42 cd	8.069 cd
62,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
60,0	31.25 cd	28.98 cd	26.72 cd	24.45 cd	21.52 cd	18.59 cd	15.66 cd	13.03 cd	10.4 cd
57,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
55,0	41.07 cd	38.08 cd	35.09 cd	32.1 cd	28.18 cd	24.27 cd	20.35 cd	17.14 cd	13.93 cd
52,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
50,0	54.56 cd	50.66 cd	46.77 cd	42.87 cd	37.94 cd	33 cd	28.06 cd	23.77 cd	19.47 cd
47,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
45,0	72.62 cd	67.4 cd	62.18 cd	56.97 cd	51.51 cd	46.05 cd	40.59 cd	34.56 cd	28.54 cd
42,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
40,0	98.52 cd	90.89 cd	83.26 cd	75.63 cd	70.31 cd	64.99 cd	59.68 cd	51.73 cd	43.78 cd
37,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
35,0	143.7 cd	130.7 cd	117.7 cd	104.7 cd	99.26 cd	93.8 cd	88.34 cd	78.72 cd	69.11 cd
32,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
30,0	232.7 cd	208.2 cd	183.6 cd	159 cd	149.8 cd	140.7 cd	131.5 cd	119.8 cd	108 cd
27,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
25,0	401.2 cd	353.2 cd	305.2 cd	257.1 cd	239.3 cd	221.4 cd	203.6 cd	187.7 cd	171.8 cd
22,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
20,0	719.9 cd	629.1 cd	538.2 cd	447.4 cd	414.7 cd	382 cd	349.3 cd	323.2 cd	297 cd
17,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
15,0	1197 cd	1065 cd	932.1 cd	799.6 cd	743.2 cd	686.9 cd	630.6 cd	582.6 cd	534.7 cd
12,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
10,0	1640 cd	1515 cd	1389 cd	1263 cd	1203 cd	1143 cd	1083 cd	1002 cd	921.6 cd
7,5	15.66 cd	14.81 cd	13.97 cd	13.13 cd	11.94 cd	10.76 cd	9.575 cd	7.607 cd	5.64 cd
5,0	1824 cd	1761 cd	1697 cd	1634 cd	1590 cd	1546 cd	1503 cd	1433 cd	1363 cd
2,5	401.2 cd	353.2 cd	305.2 cd	257.1 cd	239.3 cd	221.4 cd	203.6 cd	187.7 cd	171.8 cd
0,0	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd

Gamma / C	90	100	110	120	130	140	150	160	170
180,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
177,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
175,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
172,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
170,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
167,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
165,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
162,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
160,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
157,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
155,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
152,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
150,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
147,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
145,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
142,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
140,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
137,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
135,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
132,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
130,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
127,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
125,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
122,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
120,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
117,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
115,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
112,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
110,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
107,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
105,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
102,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
100,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
97,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
95,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
92,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
90,0	2.829 cd	1.886 cd	0.943 cd	0 cd	92.77 mcd	0.1855 cd	0.2783 cd	0.3933 cd	0.5084 cd
87,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
85,0	2.348 cd	1.807 cd	1.265 cd	0.7226 cd	0.562 cd	0.4015 cd	0.2409 cd	0.3212 cd	0.4015 cd
82,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
80,0	3.131 cd	2.569 cd	2.007 cd	1.445 cd	1.044 cd	0.6423 cd	0.2409 cd	0.3412 cd	0.4416 cd
77,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
75,0	3.673 cd	3.091 cd	2.509 cd	1.927 cd	1.405 cd	0.8832 cd	0.3613 cd	0.4416 cd	0.5219 cd
72,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
70,0	4.456 cd	3.834 cd	3.212 cd	2.589 cd	1.927 cd	1.265 cd	0.6022 cd	0.6222 cd	0.6423 cd
67,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
65,0	5.721 cd	4.918 cd	4.115 cd	3.312 cd	2.489 cd	1.666 cd	0.843 cd	0.823 cd	0.8029 cd
62,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
60,0	7.768 cd	6.624 cd	5.48 cd	4.336 cd	3.312 cd	2.288 cd	1.265 cd	1.184 cd	1.104 cd
57,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
55,0	10.72 cd	9.073 cd	7.427 cd	5.781 cd	4.476 cd	3.171 cd	1.867 cd	1.706 cd	1.546 cd
52,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
50,0	15.17 cd	12.79 cd	10.4 cd	8.009 cd	6.263 cd	4.516 cd	2.77 cd	2.65 cd	2.529 cd
47,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
45,0	22.52 cd	18.91 cd	15.3 cd	11.68 cd	9.053 cd	6.423 cd	3.794 cd	3.653 cd	3.513 cd
42,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
40,0	35.83 cd	30.05 cd	24.27 cd	18.49 cd	14.21 cd	9.936 cd	5.66 cd	5.42 cd	5.179 cd
37,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
35,0	59.49 cd	50.92 cd	42.35 cd	33.78 cd	25.61 cd	17.44 cd	9.274 cd	8.832 cd	8.39 cd
32,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
30,0	96.23 cd	86.07 cd	75.91 cd	65.76 cd	50.16 cd	34.56 cd	18.97 cd	16.9 cd	14.83 cd
27,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
25,0	156 cd	145.7 cd	135.4 cd	125.1 cd	96.63 cd	68.13 cd	39.62 cd	33.94 cd	28.26 cd
22,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
20,0	270.9 cd	255.6 cd	240.4 cd	225.2 cd	179.1 cd	133 cd	86.89 cd	79.97 cd	73.04 cd
17,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
15,0	486.7 cd	456.8 cd	426.8 cd	396.8 cd	339.3 cd	281.9 cd	224.5 cd	210.5 cd	196.6 cd
12,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
10,0	840.8 cd	796.8 cd	752.8 cd	708.8 cd	641.5 cd	574.2 cd	507 cd	498.3 cd	489.6 cd
7,5	3.673 cd	3.091 cd	2.509 cd	1.927 cd	1.405 cd	0.8832 cd	0.3613 cd	0.4416 cd	0.5219 cd
5,0	1293 cd	1251 cd	1209 cd	1167 cd	1109 cd	1052 cd	994.1 cd	1002 cd	1009 cd
2,5	156 cd	145.7 cd	135.4 cd	125.1 cd	96.63 cd	68.13 cd	39.62 cd	33.94 cd	28.26 cd
0,0	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd

Gamma / C	180	190	200	210	220	230	240	250	260
180,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
177,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
175,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
172,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
170,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
167,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
165,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
162,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
160,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
157,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
155,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
152,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
150,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
147,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
145,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
142,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
140,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
137,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
135,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
132,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
130,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
127,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
125,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
122,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
120,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
117,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
115,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
112,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
110,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
107,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
105,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
102,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
100,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
97,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
95,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
92,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
90,0	0.6234 cd	0.4156 cd	0.2078 cd	0 cd	81.1 mcd	0.1622 cd	0.2433 cd	0.1622 cd	81.1 mcd
87,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
85,0	0.4817 cd	0.4617 cd	0.4416 cd	0.4215 cd	0.4015 cd	0.3814 cd	0.3613 cd	0.7628 cd	1.164 cd
82,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
80,0	0.542 cd	0.5219 cd	0.5018 cd	0.4817 cd	0.5018 cd	0.5219 cd	0.542 cd	1.084 cd	1.626 cd
77,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
75,0	0.6022 cd	0.6022 cd	0.6022 cd	0.6022 cd	0.6423 cd	0.6825 cd	0.7226 cd	1.445 cd	2.168 cd
72,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
70,0	0.6624 cd	0.6624 cd	0.6624 cd	0.6624 cd	0.8029 cd	0.9434 cd	1.084 cd	2.047 cd	3.011 cd
67,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
65,0	0.7828 cd	0.7828 cd	0.7828 cd	0.7828 cd	1.044 cd	1.305 cd	1.566 cd	2.85 cd	4.135 cd
62,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
60,0	1.024 cd	1.084 cd	1.144 cd	1.204 cd	1.526 cd	1.847 cd	2.168 cd	4.015 cd	5.861 cd
57,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
55,0	1.385 cd	1.586 cd	1.786 cd	1.987 cd	2.308 cd	2.63 cd	2.951 cd	5.64 cd	8.33 cd
52,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
50,0	2.409 cd	2.569 cd	2.73 cd	2.89 cd	3.392 cd	3.894 cd	4.396 cd	8.41 cd	12.42 cd
47,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
45,0	3.372 cd	3.673 cd	3.974 cd	4.275 cd	5.058 cd	5.841 cd	6.624 cd	13.39 cd	20.15 cd
42,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
40,0	4.938 cd	5.48 cd	6.022 cd	6.564 cd	8.089 cd	9.615 cd	11.14 cd	23.89 cd	36.63 cd
37,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
35,0	7.949 cd	8.952 cd	9.956 cd	10.96 cd	14.29 cd	17.62 cd	20.96 cd	43.72 cd	66.48 cd
32,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
30,0	12.77 cd	14.55 cd	16.34 cd	18.13 cd	25.91 cd	33.7 cd	41.49 cd	79.65 cd	117.8 cd
27,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
25,0	22.58 cd	29.31 cd	36.03 cd	42.75 cd	58.11 cd	73.47 cd	88.82 cd	147.2 cd	205.5 cd
22,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
20,0	66.12 cd	84.79 cd	103.5 cd	122.1 cd	151.7 cd	181.2 cd	210.8 cd	289.4 cd	368.1 cd
17,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
15,0	182.6 cd	230.7 cd	278.8 cd	326.9 cd	369.4 cd	411.9 cd	454.4 cd	559.2 cd	663.9 cd
12,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
10,0	480.9 cd	570.7 cd	660.5 cd	750.3 cd	794.8 cd	839.3 cd	883.8 cd	995.8 cd	1108 cd
7,5	0.6022 cd	0.6022 cd	0.6022 cd	0.6022 cd	0.6423 cd	0.6825 cd	0.7226 cd	1.445 cd	2.168 cd
5,0	1017 cd	1114 cd	1212 cd	1310 cd	1328 cd	1346 cd	1365 cd	1424 cd	1483 cd
2,5	22.58 cd	29.31 cd	36.03 cd	42.75 cd	58.11 cd	73.47 cd	88.82 cd	147.2 cd	205.5 cd
0,0	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd

IES INDOOR REPORT



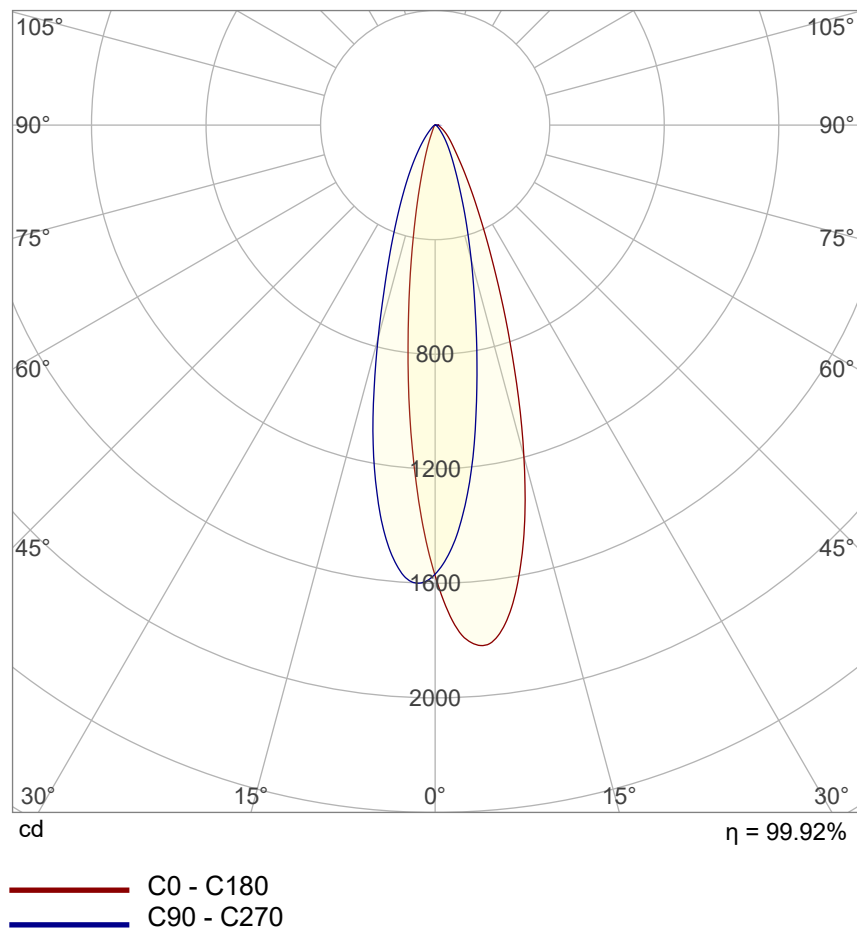
Gamma / C	270	280	290	300	310	320	330	340	350
180,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
177,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
175,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
172,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
170,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
167,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
165,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
162,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
160,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
157,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
155,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
152,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
150,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
147,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
145,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
142,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
140,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
137,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
135,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
132,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
130,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
127,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
125,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
122,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
120,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
117,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
115,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
112,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
110,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
107,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
105,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
102,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
100,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
97,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
95,0	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
92,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
90,0	0 cd	1.396 cd	2.793 cd	4.189 cd	2.793 cd	1.396 cd	0 cd	3.964 cd	7.928 cd
87,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
85,0	1.566 cd	2.63 cd	3.693 cd	4.757 cd	6.524 cd	8.29 cd	10.06 cd	10.9 cd	11.74 cd
82,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
80,0	2.168 cd	3.131 cd	4.095 cd	5.058 cd	6.985 cd	8.912 cd	10.84 cd	11.64 cd	12.44 cd
77,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
75,0	2.89 cd	3.874 cd	4.858 cd	5.841 cd	7.969 cd	10.1 cd	12.22 cd	13.37 cd	14.51 cd
72,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
70,0	3.974 cd	5.038 cd	6.102 cd	7.166 cd	9.555 cd	11.94 cd	14.33 cd	15.98 cd	17.62 cd
67,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
65,0	5.42 cd	6.684 cd	7.949 cd	9.213 cd	12.02 cd	14.83 cd	17.64 cd	19.83 cd	22.02 cd
62,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
60,0	7.708 cd	9.354 cd	11 cd	12.65 cd	16.12 cd	19.59 cd	23.06 cd	25.79 cd	28.52 cd
57,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
55,0	11.02 cd	13.27 cd	15.52 cd	17.76 cd	22.38 cd	27 cd	31.61 cd	34.77 cd	37.92 cd
52,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
50,0	16.44 cd	19.89 cd	23.34 cd	26.8 cd	32.82 cd	38.84 cd	44.86 cd	48.09 cd	51.33 cd
47,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
45,0	26.92 cd	32.34 cd	37.76 cd	43.18 cd	50.24 cd	57.31 cd	64.37 cd	67.12 cd	69.87 cd
42,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
40,0	49.38 cd	56.22 cd	63.07 cd	69.91 cd	77.88 cd	85.85 cd	93.82 cd	95.38 cd	96.95 cd
37,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
35,0	89.24 cd	96.59 cd	103.9 cd	111.3 cd	120.7 cd	130 cd	139.4 cd	140.8 cd	142.3 cd
32,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
30,0	156 cd	164.8 cd	173.6 cd	182.5 cd	195.2 cd	207.9 cd	220.6 cd	224.7 cd	228.7 cd
27,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
25,0	263.9 cd	283.4 cd	303 cd	322.5 cd	343.1 cd	363.6 cd	384.1 cd	389.8 cd	395.5 cd
22,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
20,0	446.8 cd	489.2 cd	531.7 cd	574.2 cd	618.9 cd	663.7 cd	708.4 cd	712.2 cd	716.1 cd
17,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
15,0	768.7 cd	841.2 cd	913.8 cd	986.3 cd	1065 cd	1143 cd	1222 cd	1213 cd	1205 cd
12,5	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd	0 cd
10,0	1220 cd	1300 cd	1381 cd	1461 cd	1528 cd	1596 cd	1663 cd	1655 cd	1648 cd
7,5	2.89 cd	3.874 cd	4.858 cd	5.841 cd	7.969 cd	10.1 cd	12.22 cd	13.37 cd	14.51 cd
5,0	1542 cd	1590 cd	1639 cd	1687 cd	1721 cd	1756 cd	1790 cd	1801 cd	1813 cd
2,5	263.9 cd	283.4 cd	303 cd	322.5 cd	343.1 cd	363.6 cd	384.1 cd	389.8 cd	395.5 cd
0,0	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd	1584 cd

Uncorrected, comprehensive UGR table according to 117-1995, S/H ratio=0.25

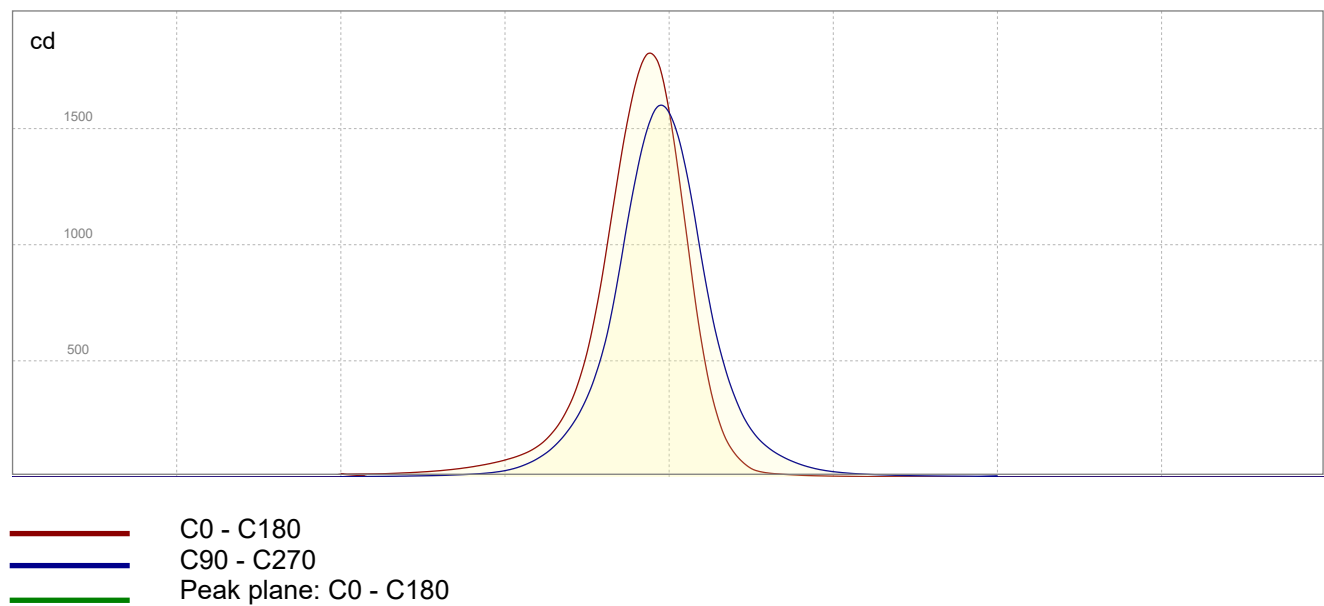
UGR data could not be calculated due to missing/wrong symmetry. Go to Edit -> Photometric -> Corrections and select Correct asymmetry (UGR not defined for asymmetrical distributions)..

Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
RCR		(Room Cavity Ratio)				Room values are expressed as percentage of Lumen delivered to the task surface												
0	119	119	119	119	116.3	116.3	116.3	116.3	111.1	111.1	111.1	106.4	106.4	106.4	102	102	102	100
1	113.5	110.7	108.2	106	111	108.6	106.3	104.3	104.5	102.7	101.1	100.8	99.38	98.07	97.36	96.26	95.24	93.46
2	108.4	103.7	99.81	96.54	106.2	102	98.46	95.46	98.77	95.88	93.38	95.81	93.46	91.39	93.07	91.18	89.49	87.87
3	103.7	97.65	93	89.3	101.7	96.28	92.01	88.57	93.7	90.12	87.17	91.31	88.32	85.82	89.09	86.62	84.51	83.01
4	99.32	92.4	87.34	83.47	97.59	91.29	86.6	82.98	89.19	85.18	82.01	87.24	83.83	81.07	85.42	82.54	80.15	78.73
5	95.3	87.78	82.53	78.65	93.76	86.87	81.97	78.3	85.14	80.88	77.62	83.54	79.85	76.95	82.03	78.85	76.3	74.94
6	91.59	83.68	78.37	74.56	90.22	82.92	77.94	74.31	81.49	77.09	73.82	80.15	76.28	73.33	78.89	75.5	72.86	71.56
7	88.16	80.01	74.72	71.02	86.93	79.37	74.38	70.84	78.16	73.71	70.47	77.03	73.07	70.12	75.97	72.45	69.76	68.51
8	84.97	76.69	71.49	67.91	83.87	76.16	71.21	67.77	75.13	70.68	67.5	74.17	70.16	67.23	73.27	69.66	66.96	65.76
9	82.02	73.69	68.59	65.14	81.02	73.23	68.37	65.04	72.36	67.93	64.83	71.53	67.51	64.62	70.75	67.1	64.42	63.26
10	79.28	70.95	65.97	62.66	78.38	70.56	65.79	62.58	69.8	65.43	62.41	69.09	65.08	62.26	68.42	64.75	62.1	60.98

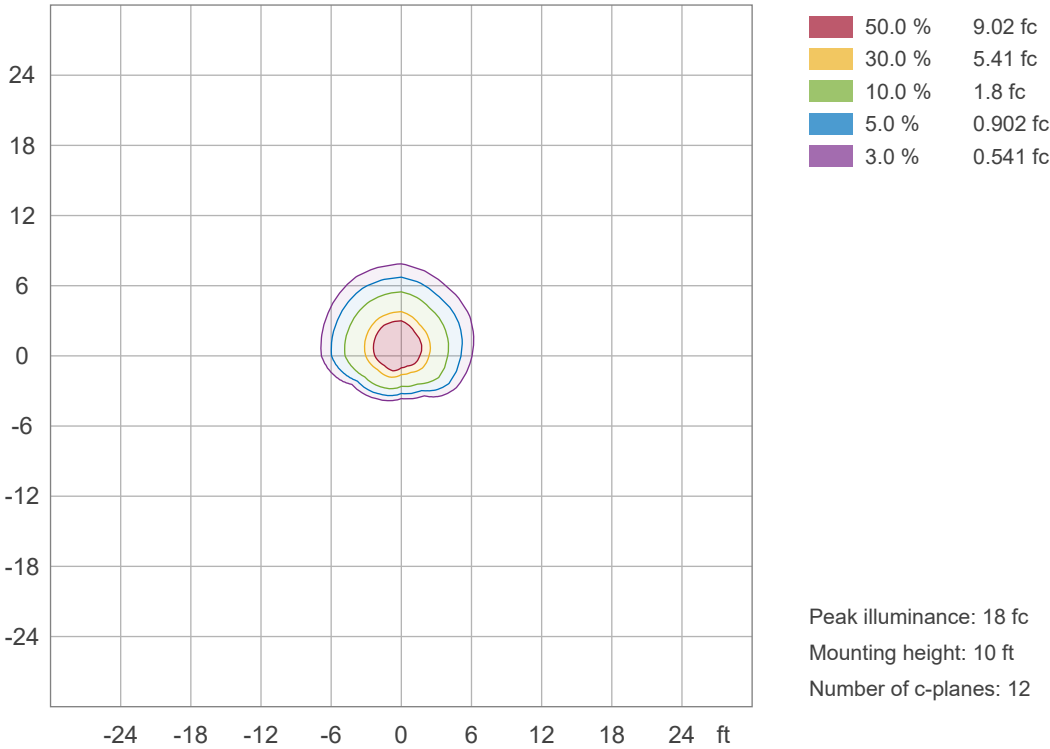
POLAR GRAPH - MAIN PLANES



LINEAR INTENSITY DISTRIBUTION DIAGRAM



ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



ISOLUX LINES OF HORIZONTAL ILLUMINANCE

