佛山市睿锋照明有限公司
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Tel: 86-571-88091262
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Report No.:

Test Time: 2026-01-12 16:18

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog: 4000K
Number of Lamps:
Luminous Length (mm): 600
Luminous Height (mm): 27
Current: 0.0680 A
Power Factor: 0.9470

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 130
Voltage: 232.00 V
Power: 14.95 W

Photometric Results

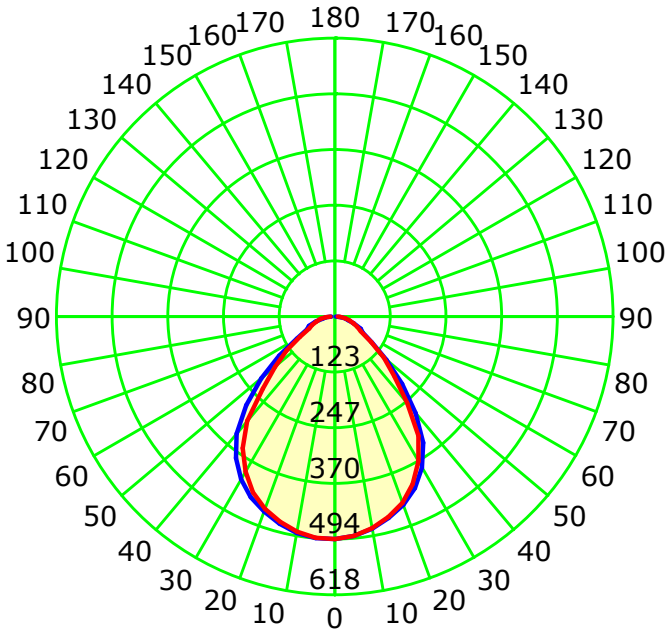
CIE Class: Direct
Measurement Flux: 1824.3 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H89.8
Vertical Diffuse Angle(50%): V83.9
Luminous Efficacy (lm/w): 122.03
Max. Intensity: 494.51 cd/klm
S/MH(C0/C180): 1.21

Total Rated Lamp Lumens: 1824.3 lm
Efficiency: 100%
Upward Ratio: 0%

C0r0 Intensity: 494.48 cd/klm
Pos of Max. Intensity: H90 V0
S/MH(C90/C270): 1.16

Picture Of Luminaire

Luminous Intensity Distribution Curve



Unit: cd/klm

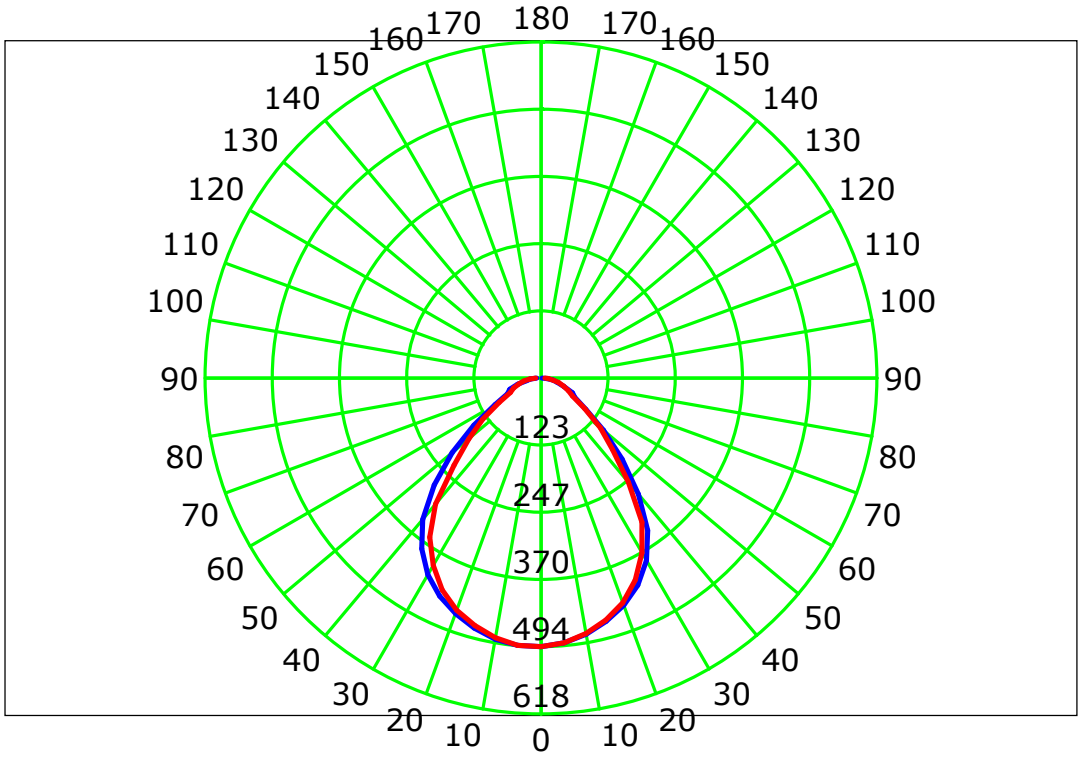
Average Diffuse Angle(50%): 86.9°

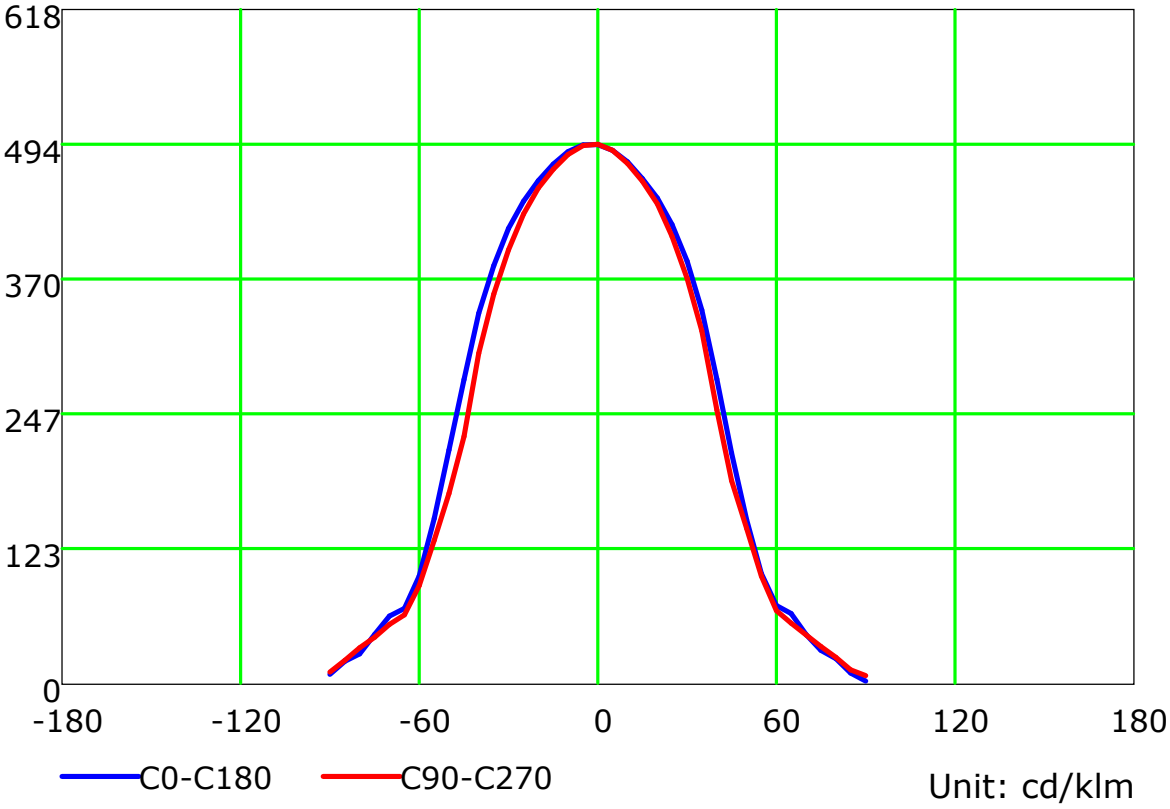
C0-C180 C90-C270

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Luminous Intensity Distribution Curve

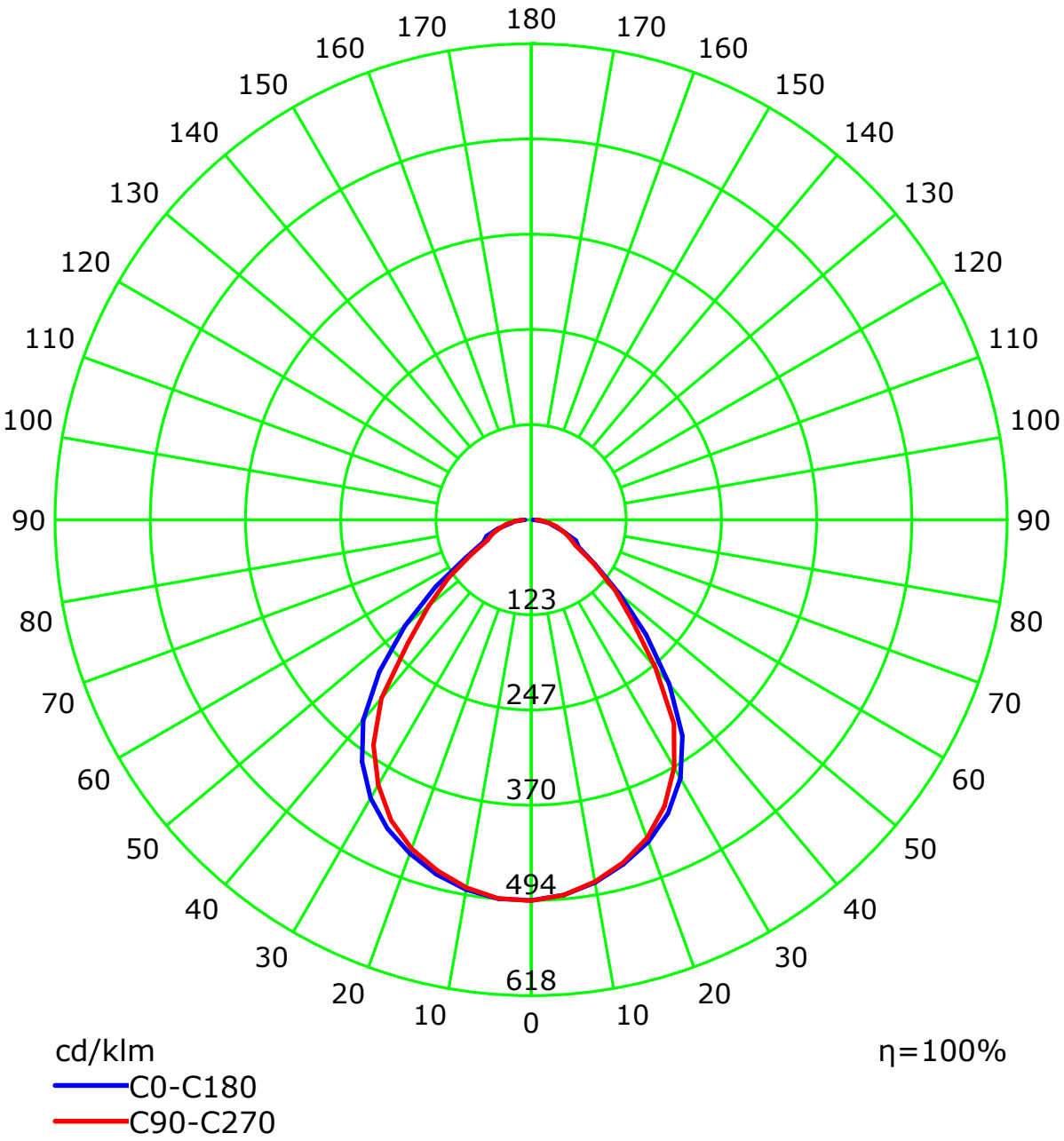




C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

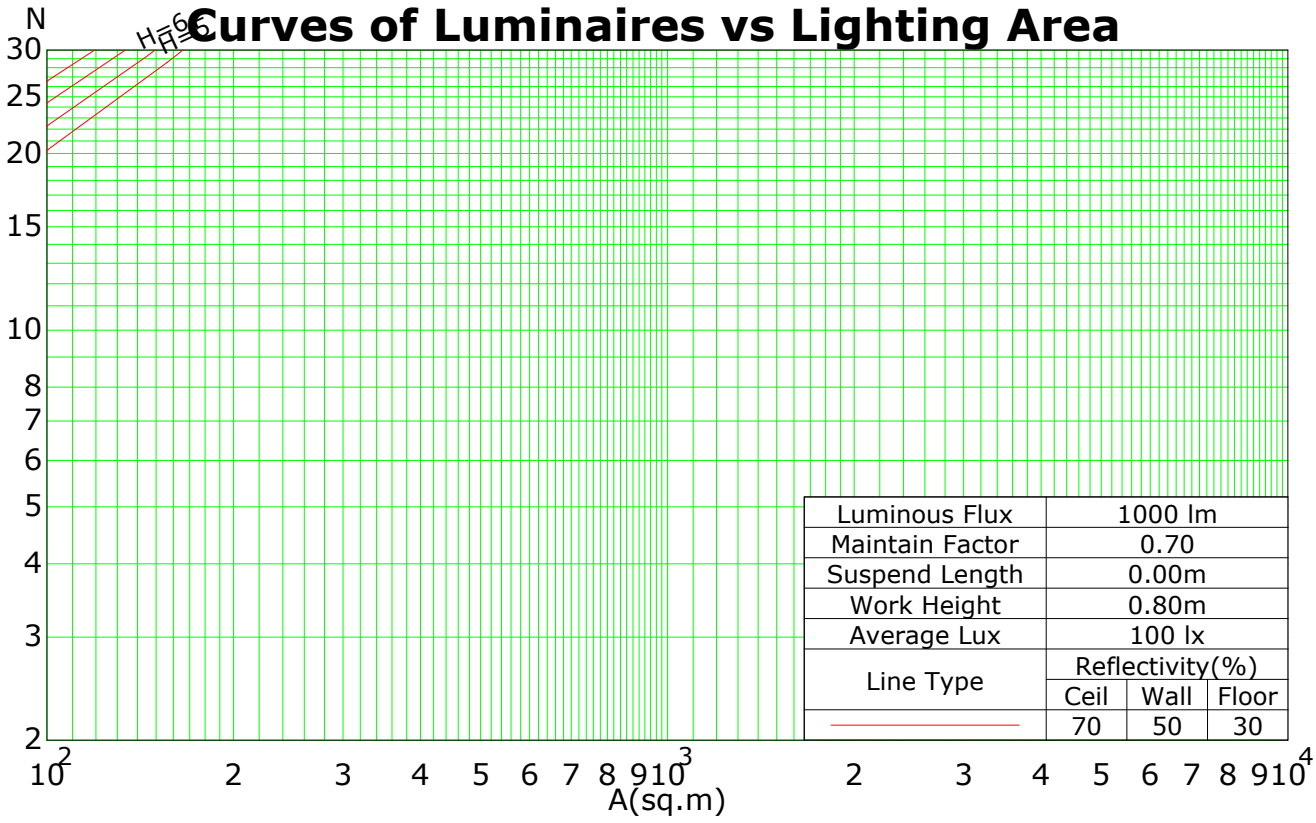
Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.06	1.02	0.99	1.08	1.04	1.00	0.97	1.00	0.97	0.94	0.96	0.94	0.91	0.92	0.90	0.89	0.87
2	1.02	0.95	0.89	0.84	0.99	0.93	0.87	0.83	0.89	0.85	0.81	0.86	0.82	0.79	0.83	0.80	0.77	0.75
3	0.94	0.85	0.78	0.72	0.92	0.83	0.77	0.71	0.80	0.75	0.70	0.78	0.73	0.69	0.75	0.71	0.68	0.66
4	0.87	0.76	0.69	0.63	0.85	0.75	0.68	0.62	0.73	0.66	0.61	0.70	0.65	0.61	0.68	0.64	0.60	0.58
5	0.81	0.69	0.61	0.55	0.79	0.68	0.61	0.55	0.66	0.59	0.54	0.64	0.58	0.54	0.62	0.57	0.53	0.51
6	0.75	0.63	0.55	0.49	0.73	0.62	0.55	0.49	0.60	0.54	0.49	0.59	0.53	0.48	0.57	0.52	0.48	0.46
7	0.70	0.58	0.50	0.44	0.69	0.57	0.49	0.44	0.56	0.49	0.44	0.54	0.48	0.43	0.53	0.47	0.43	0.41
8	0.66	0.53	0.45	0.40	0.64	0.52	0.45	0.40	0.51	0.44	0.40	0.50	0.44	0.39	0.49	0.43	0.39	0.37
9	0.62	0.49	0.41	0.36	0.60	0.49	0.41	0.36	0.47	0.41	0.36	0.46	0.40	0.36	0.45	0.40	0.36	0.34
10	0.58	0.46	0.38	0.33	0.57	0.45	0.38	0.33	0.44	0.38	0.33	0.43	0.37	0.33	0.42	0.37	0.33	0.31

Spacing Criteria (0-180): 1.21
Spacing Criteria (90-270): 1.16
Spacing Criteria (Diagonal): 1.22

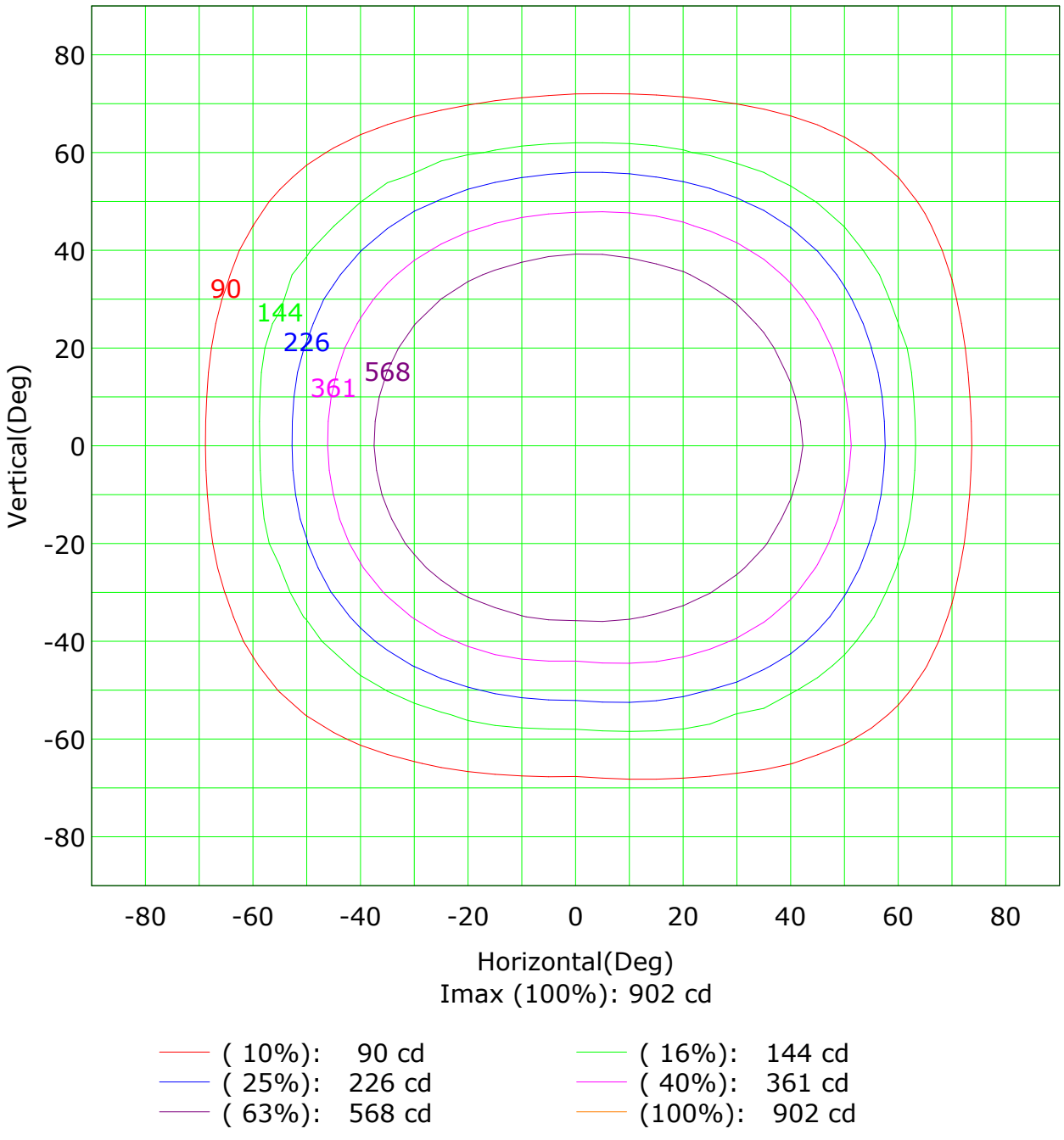
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)



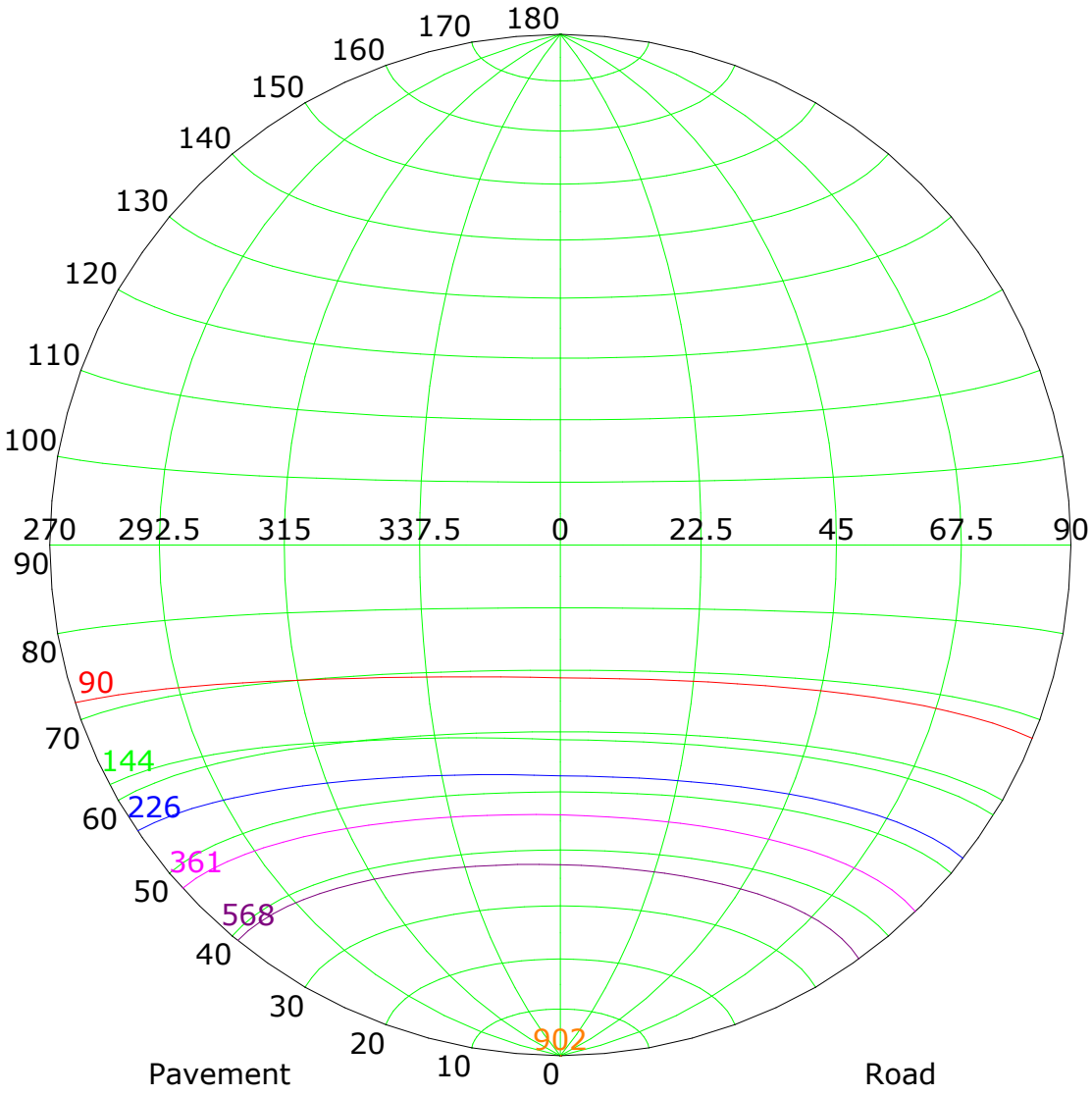
Imax (100%): 902 cd

(10%): 90 cd
(16%): 144 cd
(25%): 226 cd
(40%): 361 cd
(63%): 568 cd
(100%): 902 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 902 cd

(10%): 90 cd
(16%): 144 cd
(25%): 226 cd
(40%): 361 cd
(63%): 568 cd
(100%): 902 cd

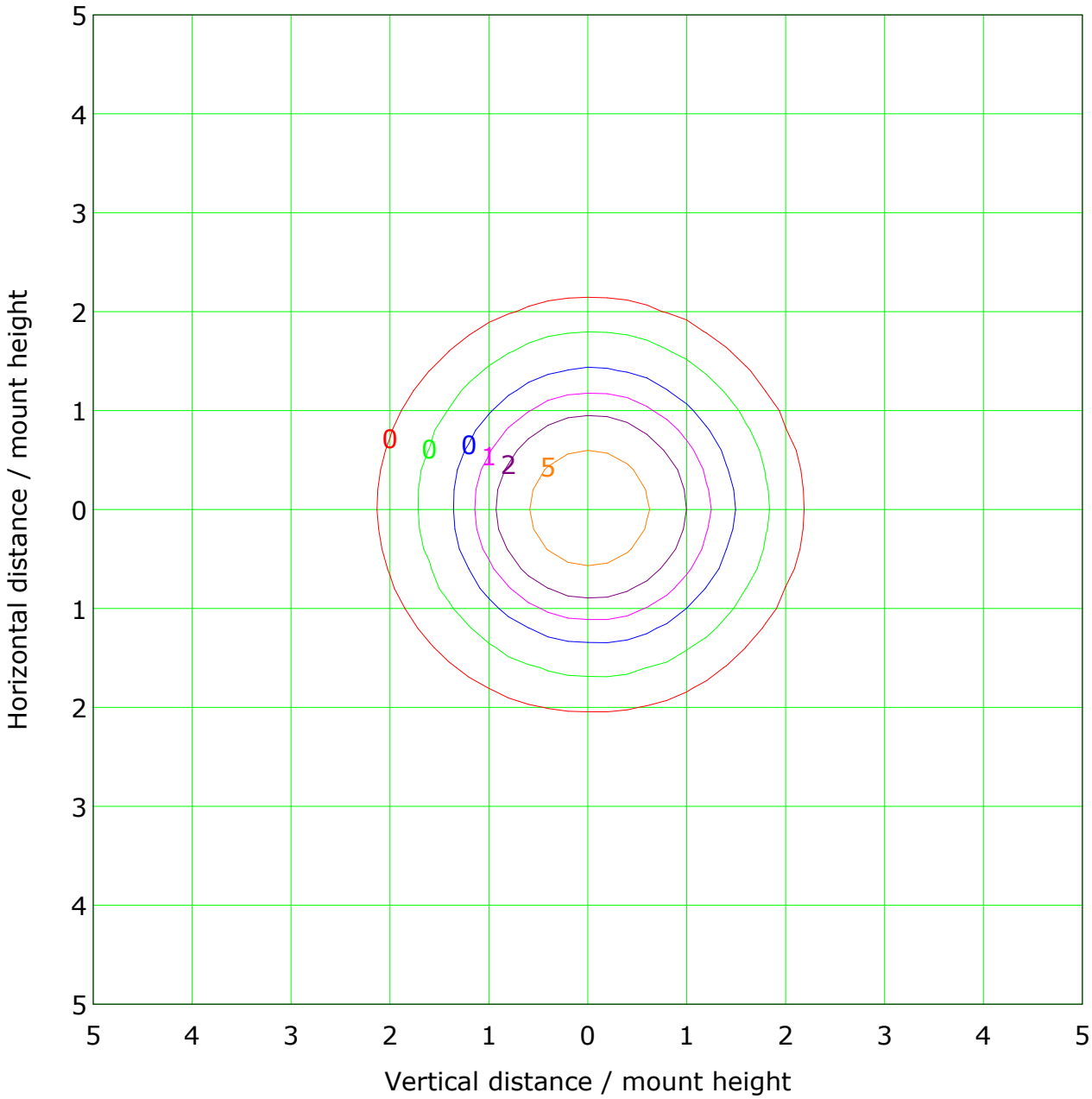
CIE: narrow - short
CIE: Non-cut-off luminaire
Max.At90: 24.537 cd/klm

IES: Non-cut-off
Max.At80: 244.064 cd/klm
Max.80-90: 426300306316991670000000000000

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



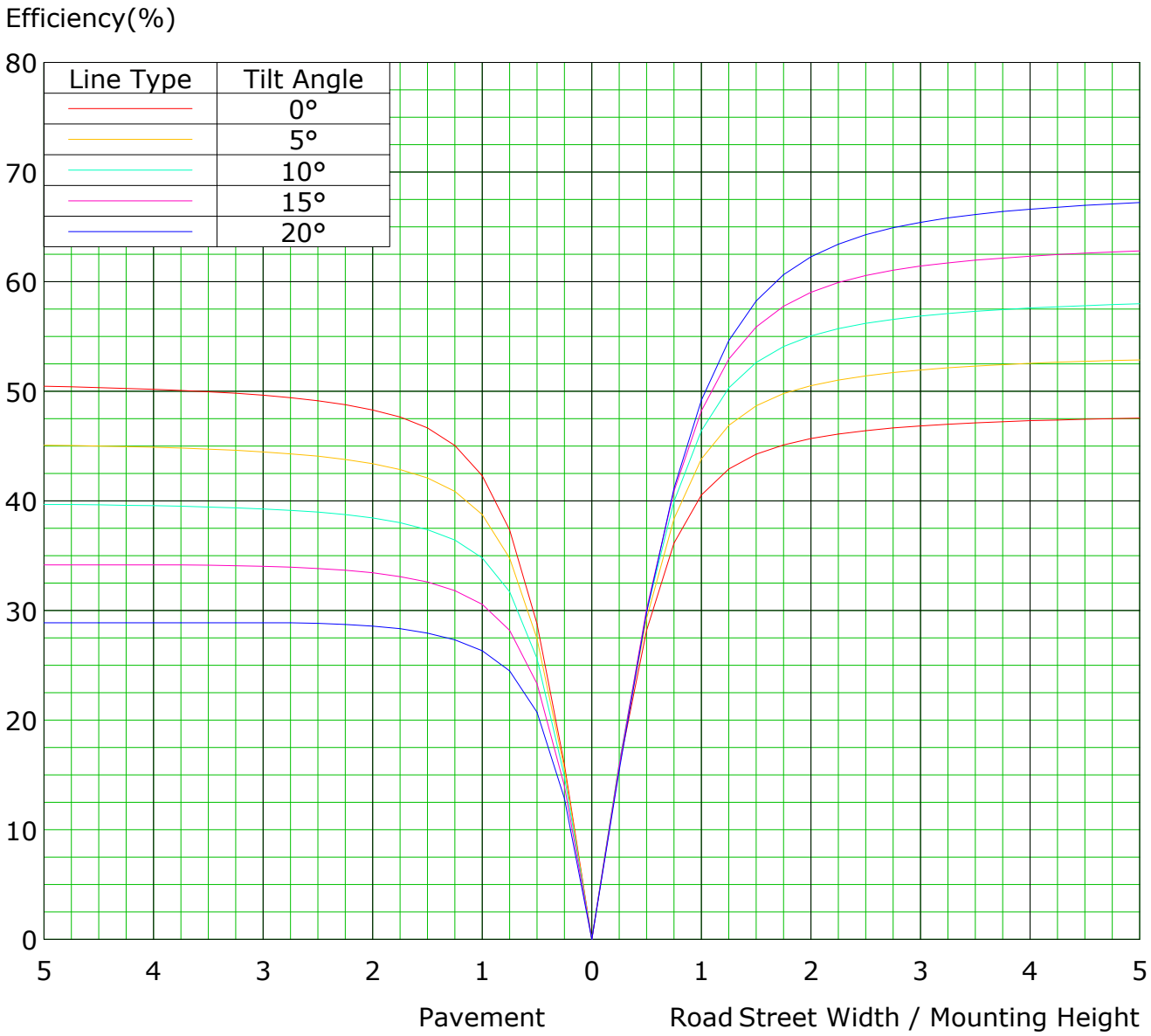
Mounting Height: 10.0m Max Lux(100%): 9.0 lx

(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.5 lx	(10%): 0.9 lx
(20%): 1.8 lx	(50%): 4.5 lx
(100%): 9.0 lx	

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Roadway CU Curve

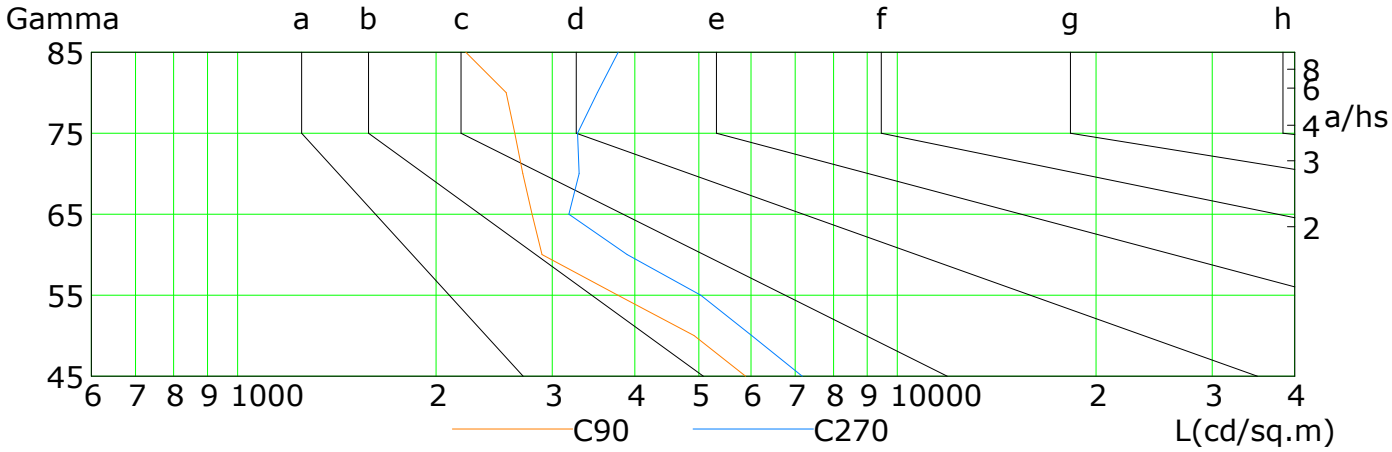


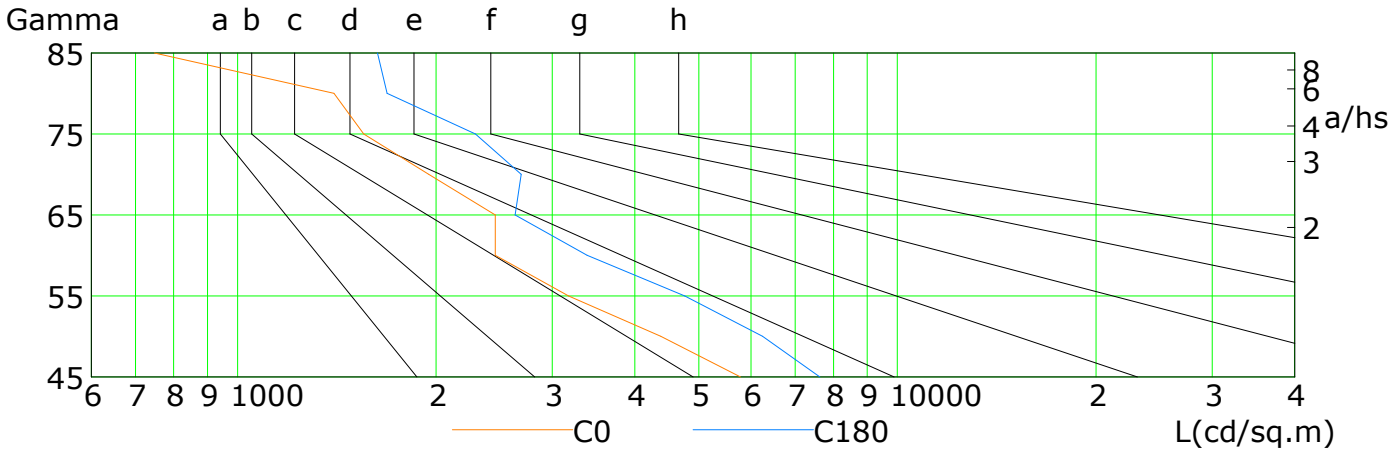
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



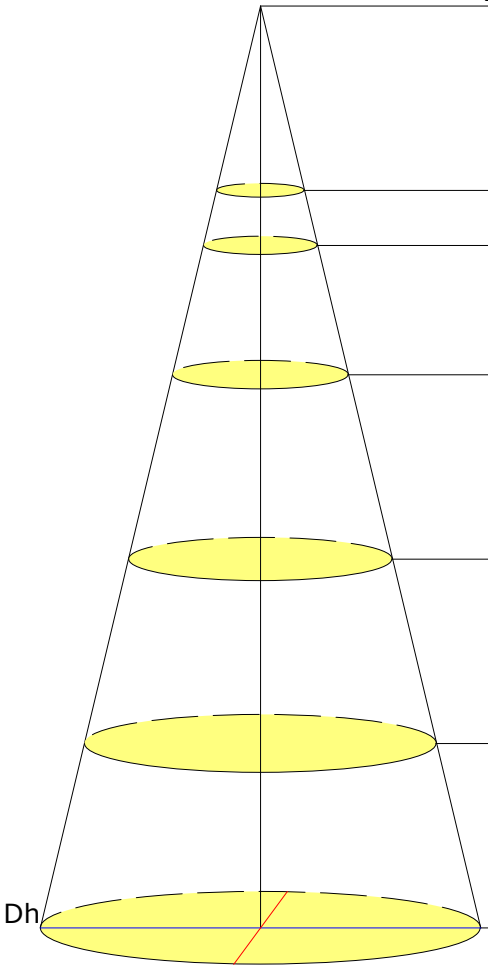


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5784	4377	3175	2457	2457	1949	1553	1399	748
C90	5885	4918	3769	2894	2794	2705	2630	2553	2217
C180	7633	6248	4763	3385	2634	2690	2294	1686	1630
C270	7170	6014	5034	3893	3178	3294	3274	3509	3773

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Illuminance at a Distance



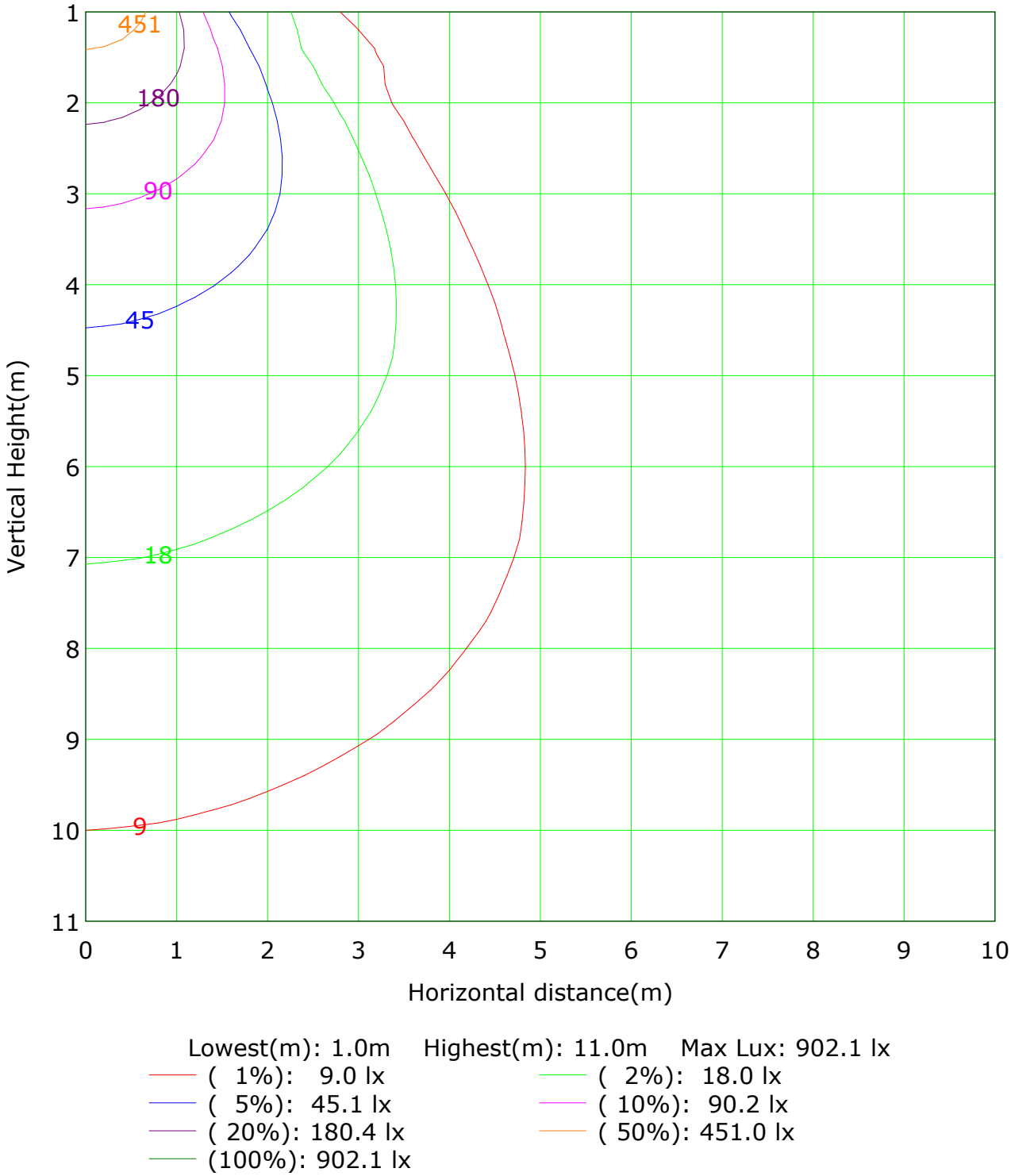
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	902.08	1.99/1.80	2.8	254.66
1.3	533.78	2.59/2.34	4.8	150.69
2.0	225.52	3.99/3.60	11.4	63.67
3.0	100.23	5.98/5.40	25.6	28.30
4.0	56.38	7.97/7.19	45.5	15.92
5.0	36.08	9.96/8.99	71.2	10.19

Beam Angle(B): H89.8 V83.9 Field Angle(F): H142.5 V139.7

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 902.1 lx

(1%): 9.0 lx
(2%): 18.0 lx
(5%): 45.1 lx
(10%): 90.2 lx
(20%): 180.4 lx
(50%): 451.0 lx
(100%): 902.1 lx

C Plane (°):0.0-360.0: 90.0
Gamma Plane (°):0.0-90.0:5.0
Test Lab:
Test Device: GPM-1600L
Test Type: TYPE C
Distance: 7.172 m [K=1.0000]
Temperature:
Humidity:
Operator:
Inspector:

Area Flux Table

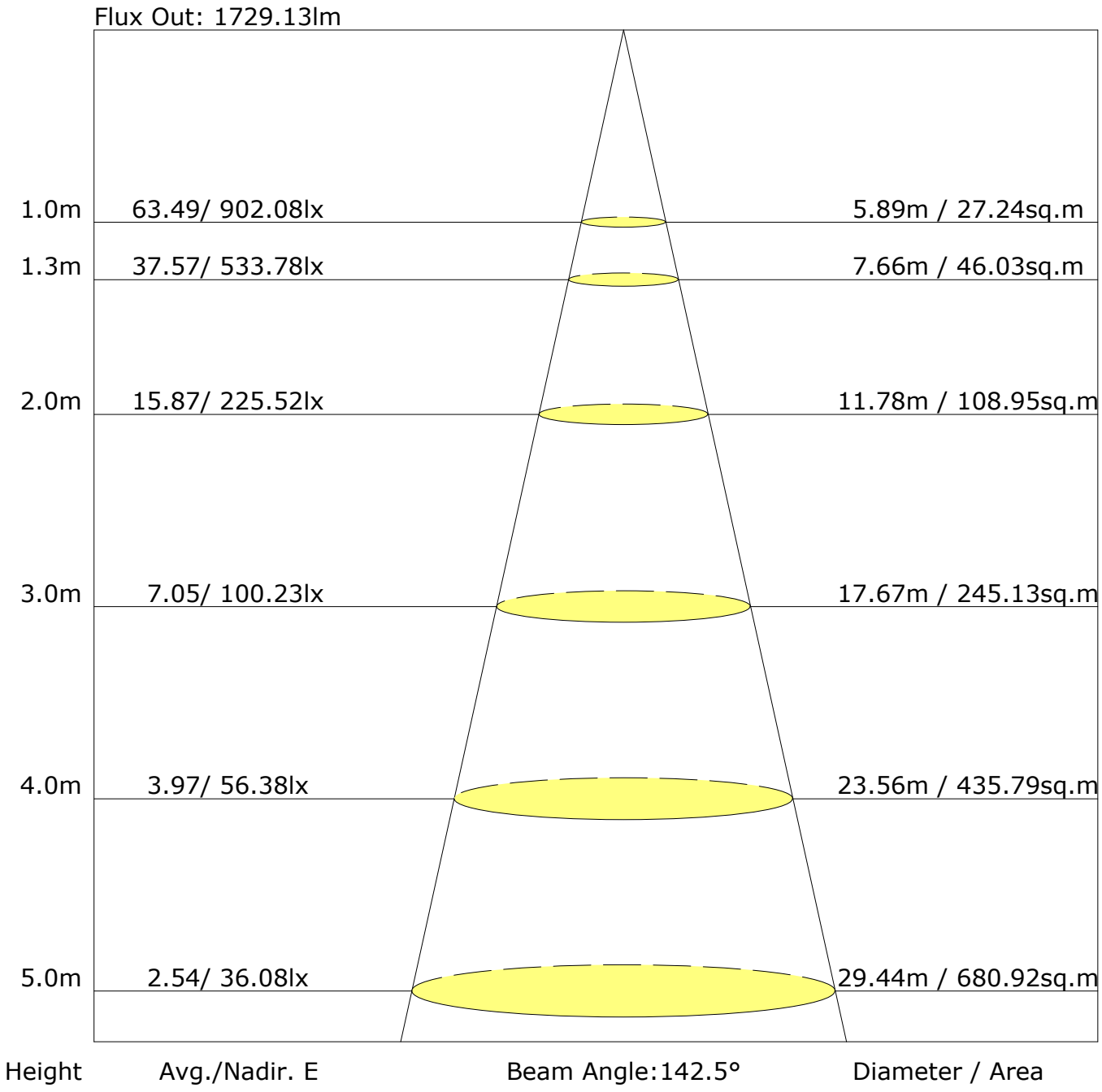
Unit: lm/klm

Horizontal plane \ Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	5.9	0.0
-80	0.1	0.2	0.4	0.7	1.1	1.4	1.7	1.9	2.0	2.0	1.9	1.6	1.3	0.9	0.6	0.3	0.1	0.0	0.0	18.2	13.9
-70	0.2	0.5	1.0	1.4	2.1	2.9	3.6	4.0	3.9	3.4	2.6	1.9	1.3	0.8	0.4	0.2	0.0	0.0	0.0	30.4	28.4
-60	0.3	0.7	1.2	2.1	3.6	5.2	6.4	7.0	6.9	6.0	4.6	3.0	1.8	1.1	0.5	0.2	0.0	0.0	0.0	50.6	49.4
-50	0.3	0.8	1.5	3.2	5.5	7.9	9.8	10.7	10.6	9.4	7.2	4.6	2.5	1.3	0.6	0.2	0.0	0.0	0.0	76.3	75.4
-40	0.3	0.8	2.0	4.4	7.4	10.2	12.0	12.9	12.8	11.7	9.6	6.4	3.4	1.5	0.7	0.2	0.0	0.0	0.0	96.6	95.9
-30	0.4	0.9	2.4	5.3	8.7	11.5	13.3	14.2	14.1	13.0	10.9	7.8	4.1	1.7	0.8	0.3	0.0	0.0	0.0	109.4	108.8
-20	0.4	0.9	2.4	5.3	8.7	11.5	13.3	14.2	14.1	13.0	10.9	7.8	4.1	1.7	0.8	0.3	0.0	0.0	0.0	109.4	108.8
-10	0.4	1.0	2.7	5.9	9.4	12.0	13.9	14.8	14.7	13.5	11.5	8.4	4.6	1.9	0.8	0.3	0.0	0.0	0.0	115.7	115.1
0	0.4	1.0	2.6	5.8	9.3	12.0	13.8	14.7	14.6	13.5	11.4	8.3	4.5	1.8	0.8	0.3	0.0	0.0	0.0	114.9	114.3
10	0.3	0.9	2.4	5.2	8.5	11.2	13.0	13.9	13.8	12.8	10.7	7.5	4.0	1.7	0.8	0.3	0.0	0.0	0.0	107.1	106.4
20	0.3	0.8	1.9	4.2	7.0	9.7	11.6	12.4	12.3	11.2	9.1	6.0	3.2	1.4	0.7	0.2	0.0	0.0	0.0	92.3	91.5
30	0.3	0.8	1.5	3.2	5.5	7.9	9.8	10.7	10.6	9.4	7.2	4.6	2.5	1.3	0.6	0.2	0.0	0.0	0.0	76.3	75.4
40	0.3	0.7	1.2	2.1	3.6	5.2	6.4	7.0	6.9	6.0	4.6	3.0	1.8	1.1	0.5	0.2	0.0	0.0	0.0	50.6	49.4
50	0.2	0.5	1.0	1.4	2.1	2.9	3.6	4.0	3.9	3.4	2.6	1.9	1.3	0.8	0.4	0.2	0.0	0.0	0.0	30.4	28.4
60	0.0	0.2	0.4	0.7	1.1	1.4	1.7	1.9	2.0	2.0	1.9	1.6	1.3	0.9	0.6	0.3	0.1	0.0	0.0	18.2	13.9
70	0.0	0.1	0.3	0.5	0.7	0.9	1.1	1.2	1.3	1.3	1.2	1.0	0.8	0.6	0.4	0.2	0.1	0.0	0.0	11.7	1.0
80	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	5.9	0.0
90	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	5.9	0.0
Flux(T)	0.8	4.4	11.0	23.9	47.9	77.2	103.2	121.7	130.5	129.1	117.4	95.9	67.0	37.9	18.3	8.8	3.1	0.5	999		
Flux(E)	0.0	0.9	7.8	21.0	44.9	74.1	100.0	118.4	127.1	125.7	114.0	92.6	63.7	34.5	14.8	4.5	0.0	0.0	4.3	9.8	16.0	25.6	44.2	69.6	92.3	107.1	114.9	115.7	109.4	96.6	76.3	50.6	30.4	18.2	11.7	5.9	0.0	944	9.2	23.3	42.8	68.7	91.5	106.4	114.3	115.1	108.8	95.9	75.4	49.4	28.4	13.9	1.0	0.0	0.0

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

UGR Table

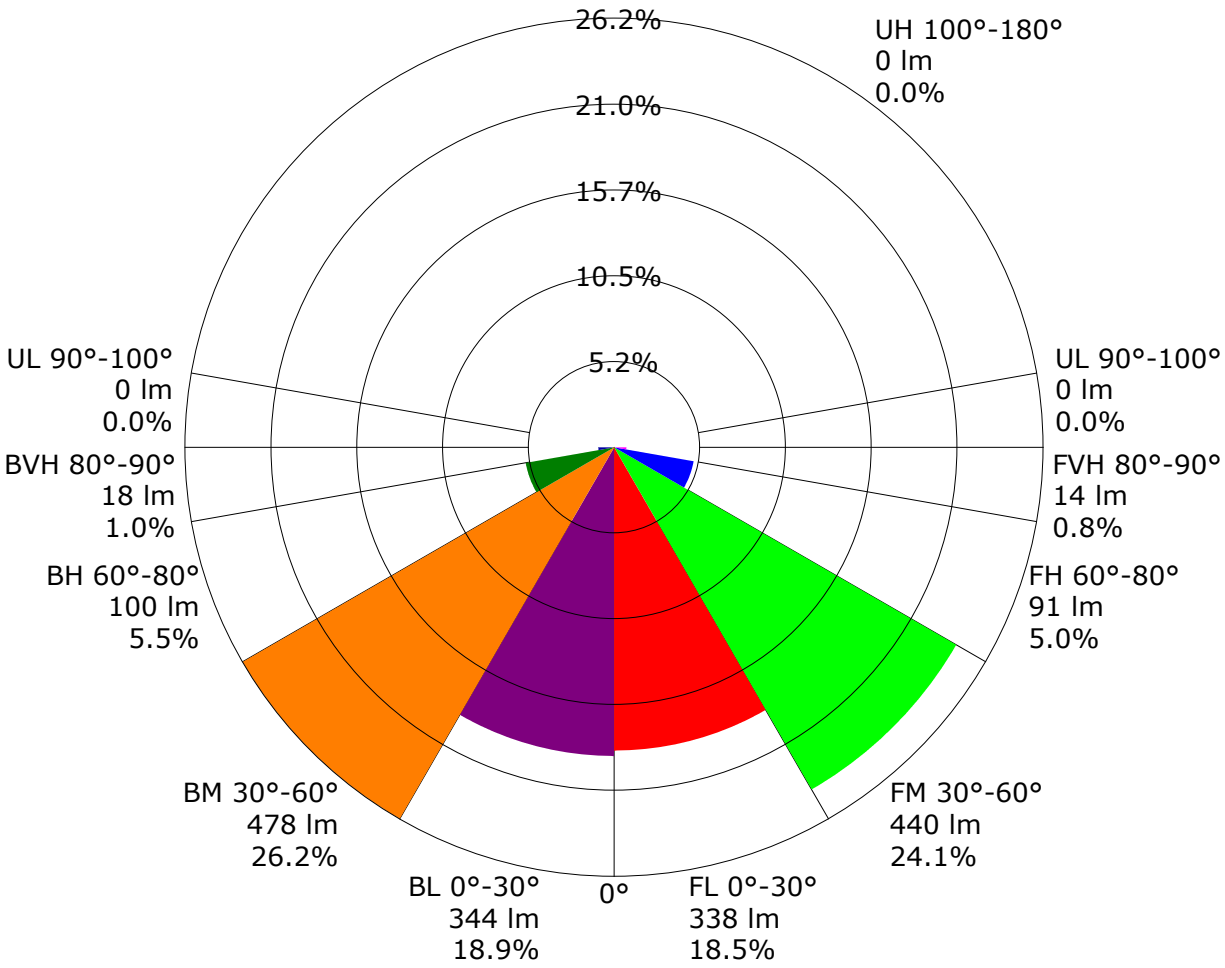
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	16.0	17.2	16.3	17.5	17.7	16.5	17.8	16.8	18.0	18.2
3H	16.7	17.8	17.0	18.1	18.4	17.4	18.5	17.7	18.7	19.0
4H	17.0	18.0	17.3	18.3	18.6	17.8	18.9	18.1	19.1	19.4
6H	17.2	18.2	17.6	18.5	18.8	18.3	19.2	18.6	19.5	19.9
8H	17.3	18.2	17.6	18.5	18.9	18.5	19.4	18.8	19.7	20.1
12H	17.3	18.2	17.7	18.5	18.9	18.7	19.6	19.0	19.9	20.2
X=4H Y=2H	16.3	17.4	16.6	17.6	17.9	16.8	17.8	17.1	18.1	18.4
3H	17.2	18.1	17.6	18.4	18.8	17.8	18.7	18.2	19.0	19.3
4H	17.6	18.4	18.0	18.8	19.1	18.4	19.2	18.8	19.5	19.9
6H	18.0	18.7	18.4	19.0	19.4	19.0	19.7	19.4	20.1	20.5
8H	18.1	18.7	18.5	19.1	19.5	19.3	19.9	19.7	20.3	20.7
12H	18.1	18.7	18.6	19.1	19.6	19.5	20.1	20.0	20.5	21.0
X=8H Y=4H	17.8	18.5	18.2	18.9	19.3	18.5	19.2	19.0	19.6	20.0
6H	18.3	18.8	18.8	19.3	19.7	19.3	19.8	19.7	20.2	20.7
8H	18.5	19.0	19.0	19.4	19.9	19.6	20.1	20.1	20.6	21.0
12H	18.6	19.0	19.1	19.5	20.0	20.0	20.4	20.5	20.9	21.4
X=12H Y=4H	17.8	18.4	18.3	18.8	19.3	18.5	19.1	19.0	19.5	20.0
6H	18.4	18.8	18.8	19.3	19.8	19.3	19.8	19.8	20.2	20.7
8H	18.6	19.0	19.1	19.5	20.0	19.7	20.1	20.2	20.6	21.1
Variations with the observer position at spacings:										
S=1.0H	+0.5/-0.7					+0.4/-0.5				
S=1.5H	+1.0/-1.3					+1.0/-1.2				
S=2.0H	+1.9/-1.6					+1.9/-1.8				

Calculate in accordance with CIE Pub.117. The table is revised with 1824lm (8log(F/F0) = 2.1).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

LCS Graph



Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)							SHR NOM = 1.25				
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.67	0.76	0.82	0.87	0.93	0.97	1.00	1.03	1.06
	0.30		0.60	0.70	0.76	0.81	0.88	0.92	0.95	1.00	1.03
	0.20		0.55	0.65	0.71	0.76	0.83	0.88	0.92	0.97	1.00
0.50	0.50	0.20	0.65	0.74	0.80	0.84	0.90	0.93	0.96	0.99	1.01
	0.30		0.59	0.68	0.75	0.79	0.85	0.90	0.93	0.97	0.99
	0.20		0.55	0.64	0.71	0.75	0.82	0.86	0.90	0.94	0.97
0.30	0.50	0.20	0.64	0.72	0.78	0.82	0.87	0.90	0.93	0.96	0.98
	0.30		0.59	0.67	0.73	0.78	0.83	0.87	0.90	0.93	0.96
	0.20		0.55	0.64	0.70	0.74	0.80	0.84	0.87	0.91	0.94
0.00	0.00	0.00	0.53	0.61	0.67	0.71	0.77	0.81	0.83	0.87	0.89

Rating:15W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.84	0.69	0.58	0.50	0.40	0.33	0.29	0.22	0.18
	0.30		0.70	0.59	0.51	0.45	0.36	0.31	0.26	0.21	0.17
	0.20		0.60	0.51	0.45	0.40	0.33	0.28	0.25	0.20	0.17
0.50	0.50	0.20	0.81	0.66	0.55	0.48	0.38	0.35	0.27	0.21	0.17
	0.30		0.69	0.57	0.49	0.43	0.35	0.29	0.25	0.20	0.16
	0.20		0.60	0.50	0.44	0.39	0.32	0.27	0.24	0.19	0.16
0.30	0.50	0.20	0.79	0.63	0.53	0.46	0.36	0.30	0.26	0.20	0.16
	0.30		0.67	0.55	0.47	0.41	0.33	0.28	0.24	0.19	0.16
	0.20		0.59	0.49	0.43	0.38	0.31	0.26	0.23	0.18	0.15
0.00	0.00	0.00	0.47	0.39	0.33	0.29	0.23	0.19	0.17	0.13	0.11

Rating:15W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.14	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20
	0.30		0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA

Rating:15W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd/klm]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-5.0	493.0	21.5	21.5	1.18	1.18
5.0-10.0	486.8	63.5	85.0	3.48	4.66
10.0-15.0	475.1	102.8	187.9	5.64	10.30
15.0-20.0	459.2	138.1	325.9	7.57	17.87
20.0-25.0	438.1	167.6	493.6	9.19	27.06
25.0-30.0	409.8	189.2	682.8	10.37	37.43
30.0-35.0	372.6	200.2	883.0	10.97	48.40
35.0-40.0	322.4	196.3	1079.2	10.76	59.16
40.0-45.0	259.4	175.2	1254.5	9.61	68.76
45.0-50.0	197.9	145.9	1400.4	8.00	76.76
50.0-55.0	145.4	115.3	1515.7	6.32	83.08
55.0-60.0	101.1	85.2	1600.9	4.67	87.76
60.0-65.0	72.2	64.0	1665.0	3.51	91.27
65.0-70.0	57.1	52.7	1717.7	2.89	94.16
70.0-75.0	44.6	42.6	1760.2	2.33	96.49
75.0-80.0	32.3	31.5	1791.7	1.73	98.22
80.0-85.0	21.3	21.1	1812.8	1.16	99.37
85.0-90.0	11.5	11.5	1824.3	0.63	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 1)

cone flux(90°): 1254.46 lm

%lum = 68.8%
%lamp = 68.8%

cone flux(120°): 1600.92 lm

%lum = 87.8%
%lamp = 87.8%

Candlepower Table

Unit: cd/klm

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	494.5	494.5	494.5	494.5	494.5					
G5.0	489.2	489.2	494.0	493.5	489.2					
G10.0	478.4	477.1	487.8	485.2	478.4					
G15.0	463.4	461.0	476.4	471.7	463.4					
G20.0	445.2	440.0	461.1	454.5	445.2					
G25.0	420.9	410.2	442.4	430.6	420.9					
G30.0	387.5	371.5	417.5	397.7	387.5					
G35.0	342.4	323.4	383.5	357.2	342.4					
G40.0	279.2	250.9	339.7	302.9	279.2					
G45.0	211.2	185.9	278.7	226.5	211.2					
G50.0	150.1	142.4	214.2	174.2	150.1					
G55.0	101.0	98.4	151.5	131.4	101.0					
G60.0	71.4	66.7	98.4	89.7	71.4					
G65.0	64.2	55.4	68.8	63.0	64.2					
G70.0	44.8	44.4	61.8	54.1	44.8					
G75.0	30.5	34.0	45.1	42.3	30.5					
G80.0	22.6	23.8	27.3	32.7	22.6					
G85.0	9.4	12.5	20.5	21.3	9.4					
G90.0	2.3	7.1	8.3	10.5	2.3					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

LED Average Luminance Report

Avg.L	cd/m^2
L 0-180(65) av	3679.14
L 0-180(75) av	3414.18
L 0-180(85) av	4011.39
L 90-270(65) av	3274.31
L 90-270(75) av	3448.11
L 90-270(85) av	4535.06
L 45(65) av	3476.72
L 45(75) av	3431.14
L 45(85) av	4273.22

Standard: GB/T 29293-2012