佛山市睿锋照明有限公司
https://www.rayvenlight.com
Tel: 86-571-88091262
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Report No.:

Test Time: 2025-10-10 16:55

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog: 4000K
Number of Lamps:
Luminous Length (mm): 1200
Luminous Height (mm): 20
Current: 0.1420 A
Power Factor: 0.9210

Luminaire Description: X系列1.2米线条灯
Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 130
Voltage: 232.10 V
Power: 30.34 W

Photometric Results

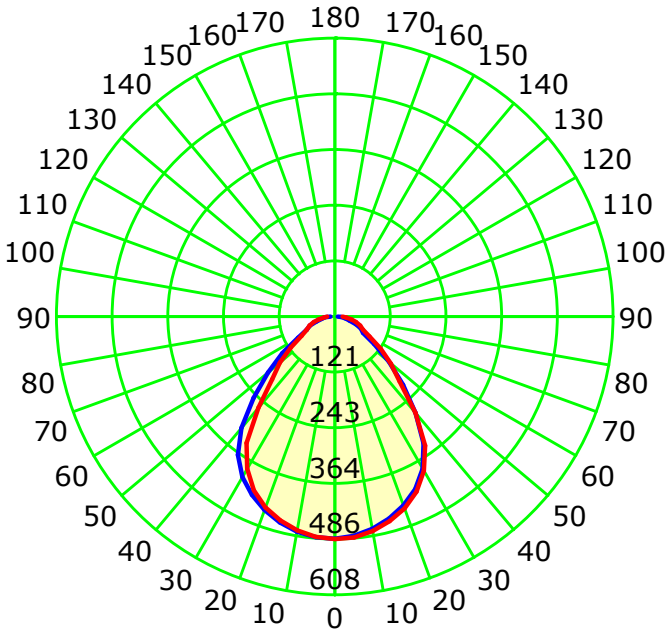
CIE Class: Direct
Measurement Flux: 3834.6 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H88.2
Vertical Diffuse Angle(50%): V83.4
Luminous Efficacy (lm/w): 126.39
Max. Intensity: 486.51 cd/klm
S/MH(C0/C180): 1.20

Total Rated Lamp Lumens: 3834.6 lm
Efficiency: 100%
Upward Ratio: 0%

C0r0 Intensity: 485.48 cd/klm
Pos of Max. Intensity: H90 V0
S/MH(C90/C270): 1.18

Picture Of Luminaire

Luminous Intensity Distribution Curve

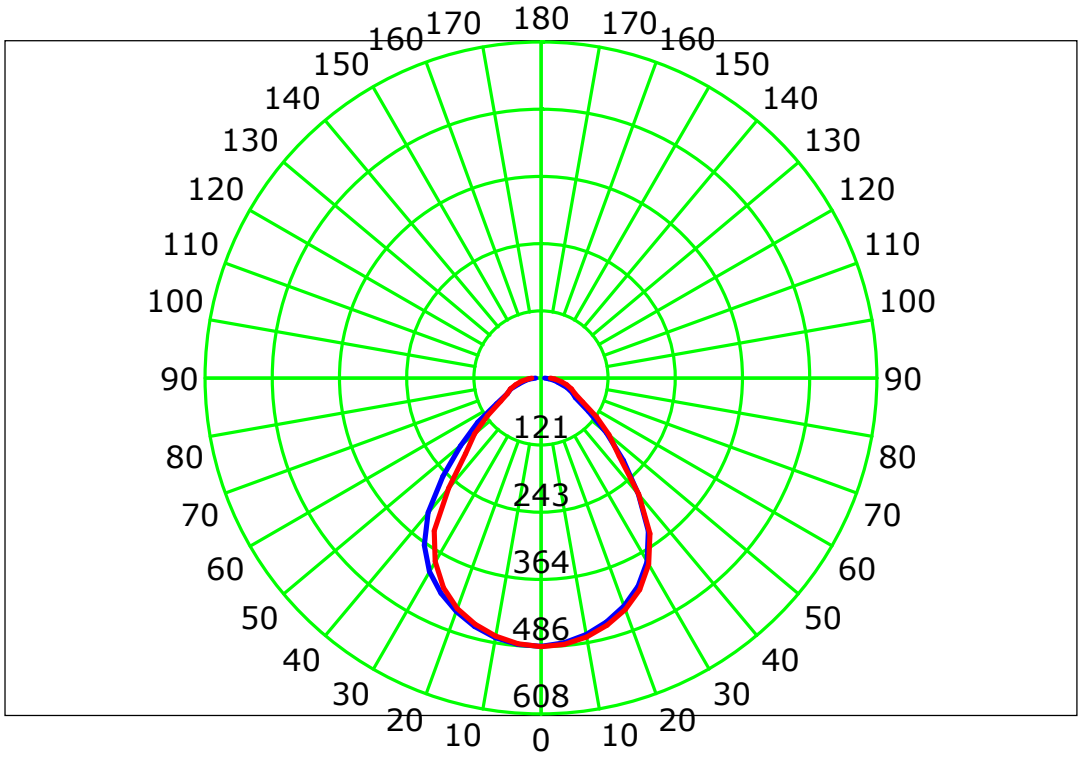


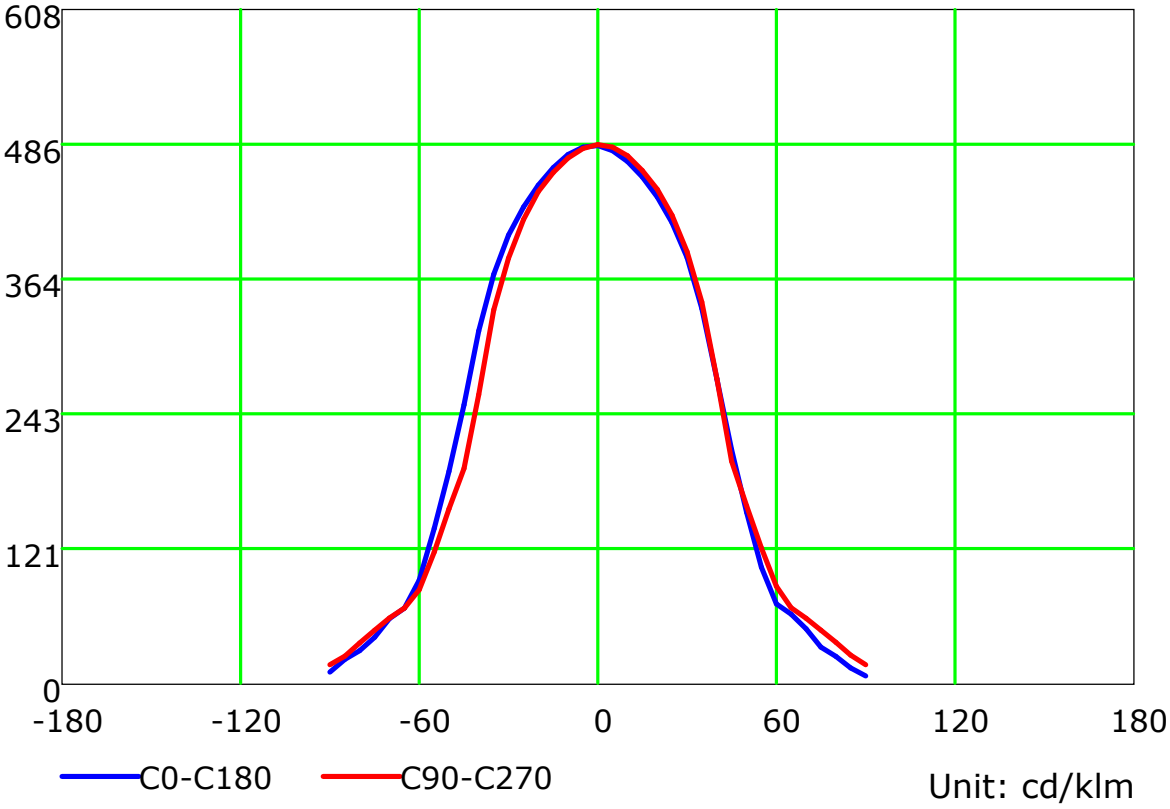
Unit: cd/klm
Average Diffuse Angle(50%): 85.8°
C0-C180 C90-C270

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

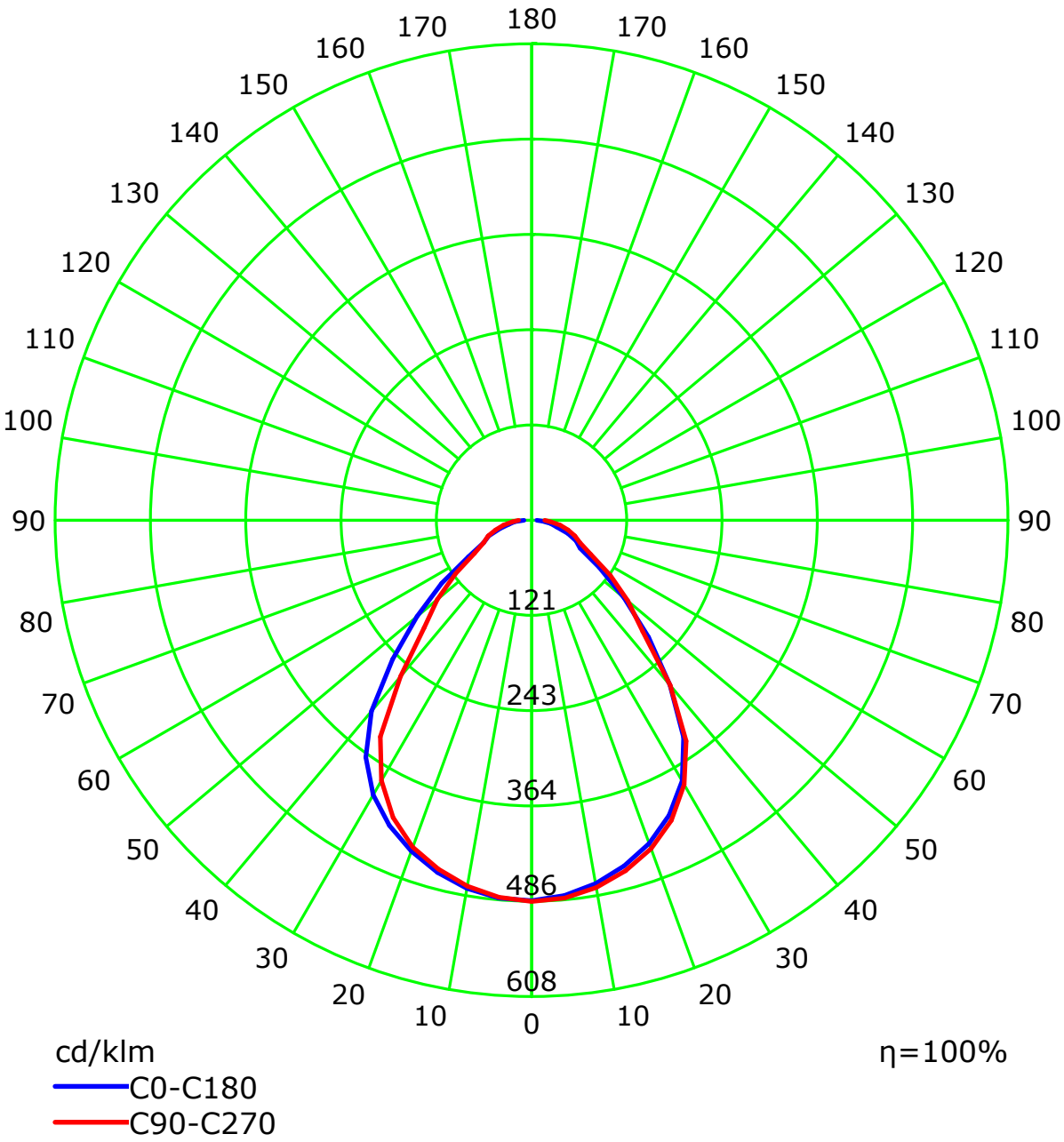




C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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:

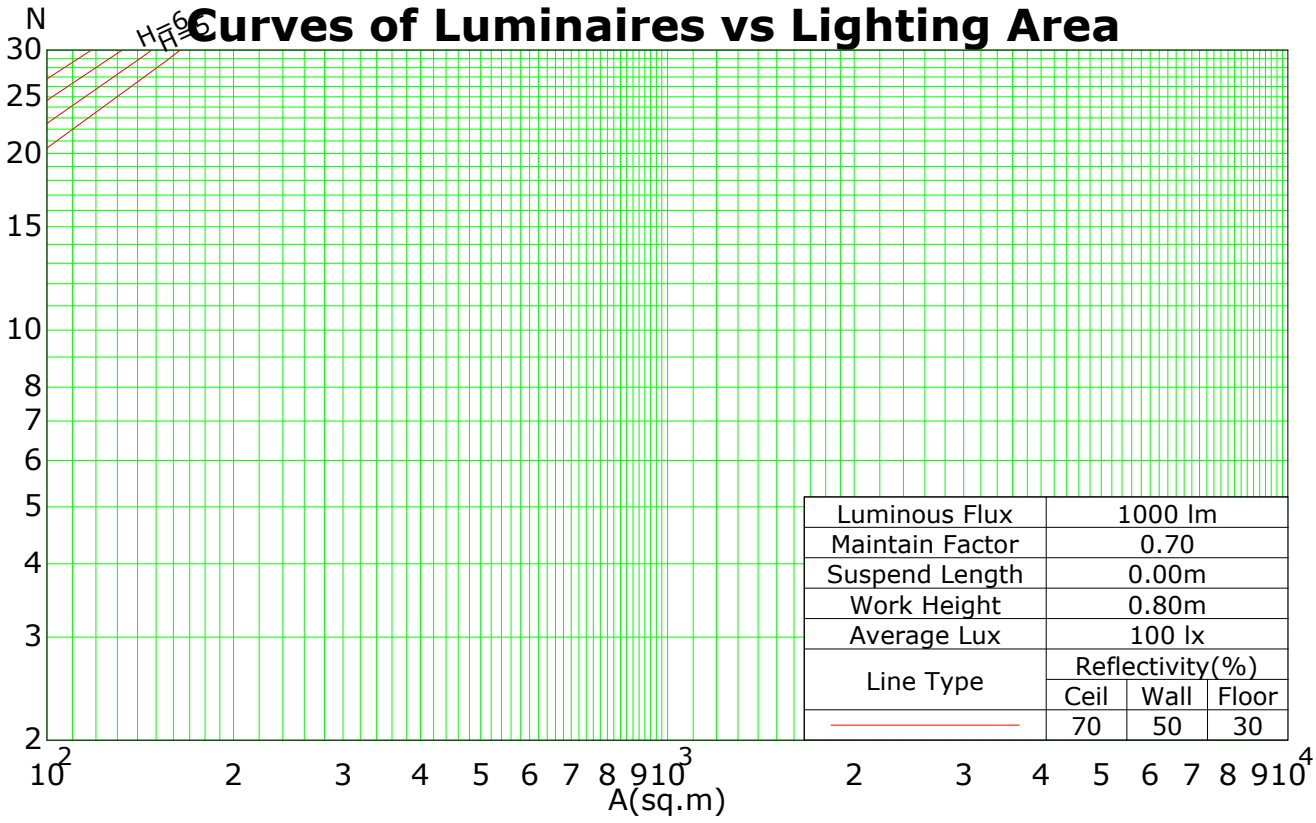
Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

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	0.98	1.07	1.03	1.00	0.97	0.99	0.96	0.94	0.95	0.93	0.91	0.92	0.90	0.88	0.86
2	1.01	0.94	0.88	0.83	0.99	0.92	0.86	0.82	0.89	0.84	0.80	0.85	0.81	0.78	0.82	0.79	0.76	0.74
3	0.93	0.84	0.77	0.71	0.91	0.82	0.76	0.70	0.80	0.74	0.69	0.77	0.72	0.68	0.74	0.70	0.67	0.65
4	0.87	0.76	0.68	0.62	0.84	0.74	0.67	0.61	0.72	0.66	0.60	0.70	0.64	0.60	0.68	0.63	0.59	0.57
5	0.80	0.69	0.60	0.54	0.78	0.68	0.60	0.54	0.65	0.59	0.54	0.64	0.58	0.53	0.62	0.57	0.52	0.51
6	0.75	0.63	0.54	0.48	0.73	0.62	0.54	0.48	0.60	0.53	0.48	0.58	0.52	0.47	0.57	0.51	0.47	0.45
7	0.70	0.57	0.49	0.43	0.68	0.56	0.49	0.43	0.55	0.48	0.43	0.54	0.47	0.43	0.52	0.47	0.42	0.41
8	0.65	0.53	0.45	0.39	0.64	0.52	0.44	0.39	0.51	0.44	0.39	0.50	0.43	0.39	0.48	0.43	0.39	0.37
9	0.61	0.49	0.41	0.36	0.60	0.48	0.41	0.36	0.47	0.40	0.36	0.46	0.40	0.35	0.45	0.39	0.35	0.34
10	0.58	0.45	0.38	0.33	0.56	0.45	0.38	0.33	0.44	0.37	0.33	0.43	0.37	0.32	0.42	0.36	0.32	0.31

Spacing Criteria (0-180): 1.20
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.21

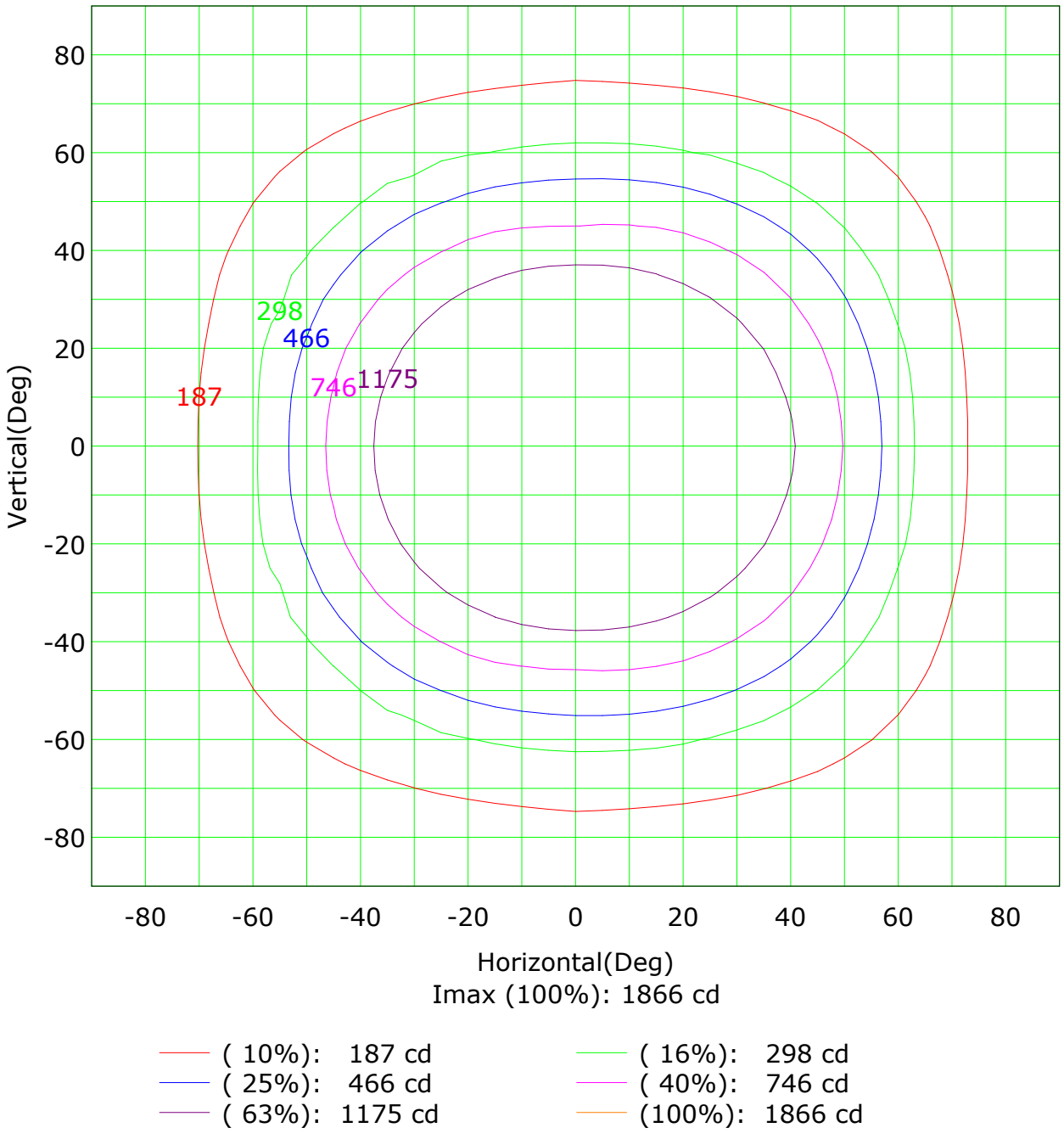
Curves of Luminaires vs Lighting Area



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)



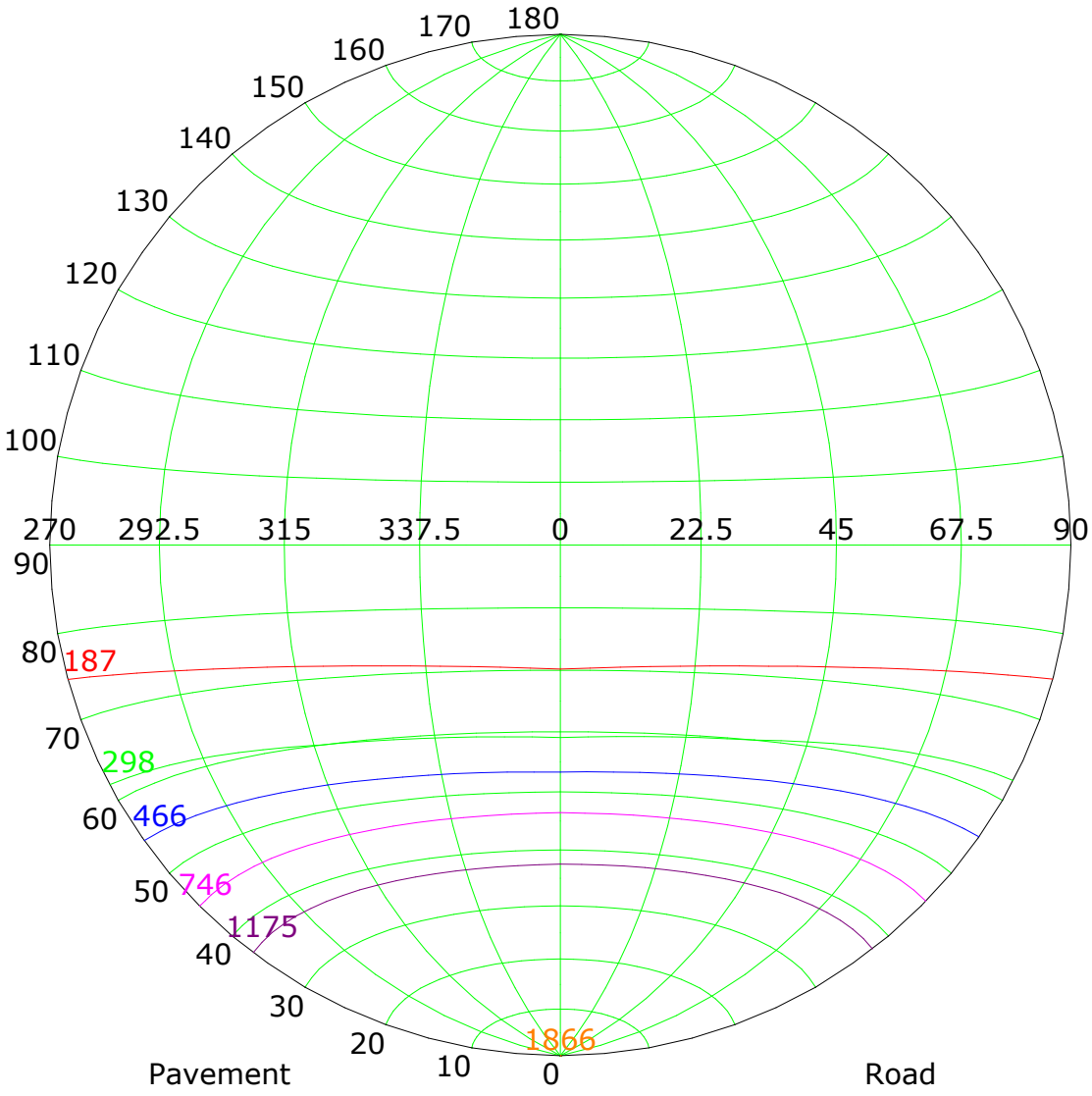
Imax (100%): 1866 cd

(10%): 187 cd
(16%): 298 cd
(25%): 466 cd
(40%): 746 cd
(63%): 1175 cd
(100%): 1866 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%): 1866 cd

(10%): 187 cd
(16%): 298 cd
(25%): 466 cd
(40%): 746 cd
(63%): 1175 cd
(100%): 1866 cd

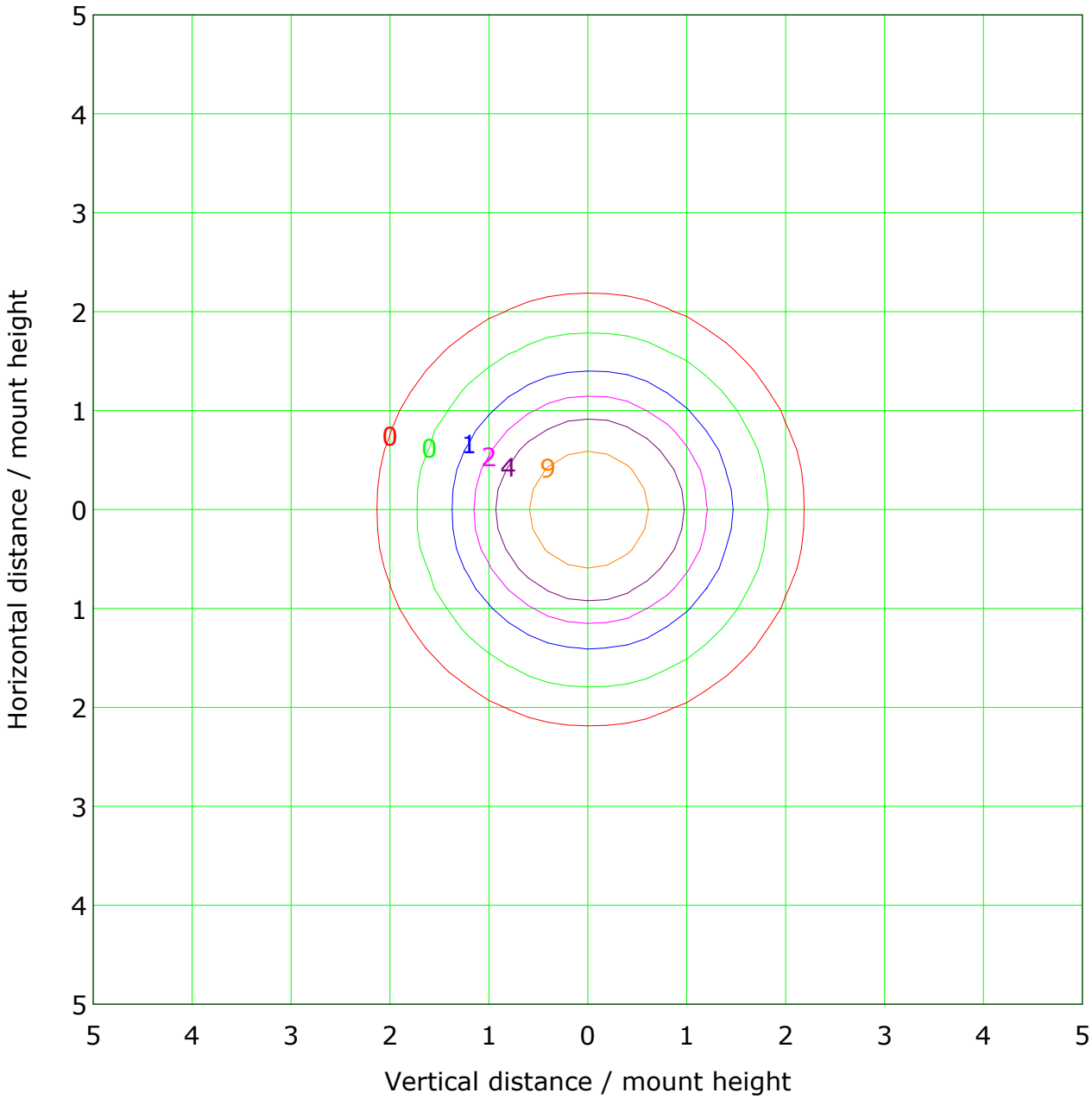
CIE: narrow - short
CIE: Non-cut-off luminaire
Max.At90: 12.867 cd/klm

IES: Semi-cut-off
Max.At80: 114.465 cd/klm
Max.80-90: 484101530370244850000000000.00

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:

IsoLux Plot



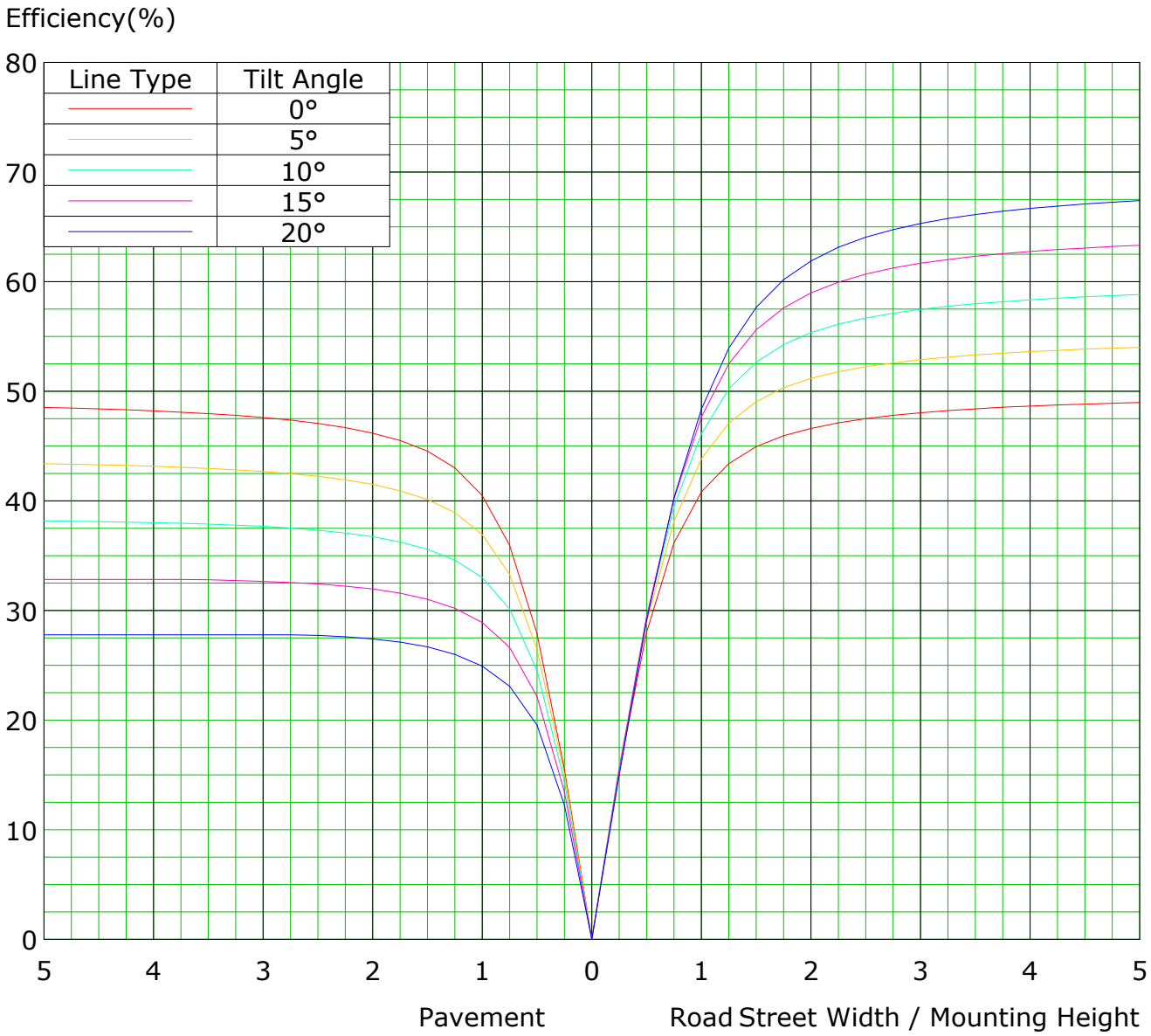
Mounting Height: 10.0m Max Lux(100%): 18.7 lx

(1%): 0.2 lx	(2%): 0.4 lx
(5%): 0.9 lx	(10%): 1.9 lx
(20%): 3.7 lx	(50%): 9.3 lx
(100%): 18.7 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

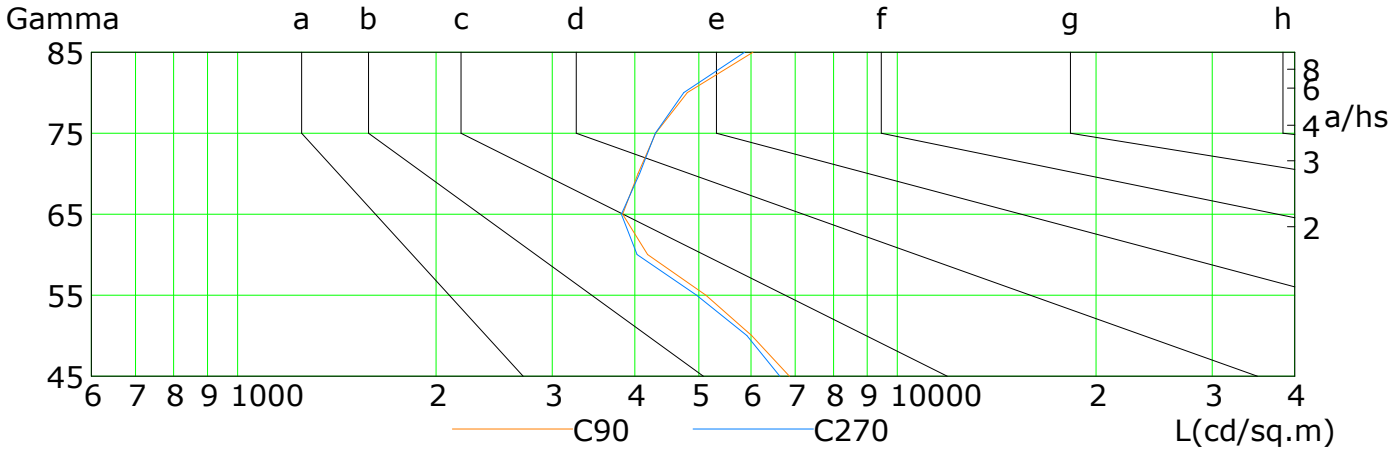


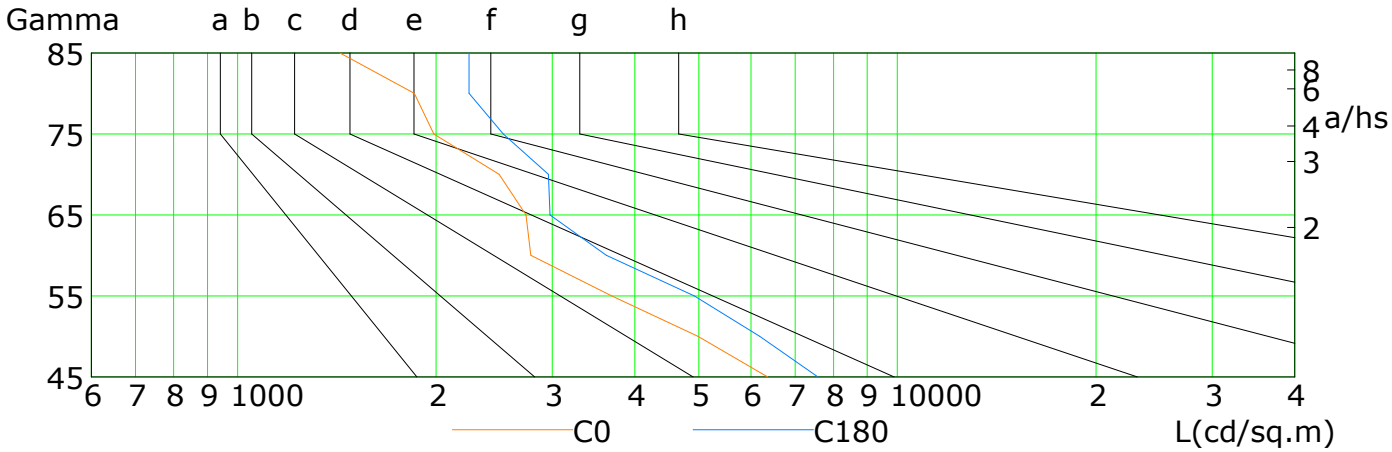
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



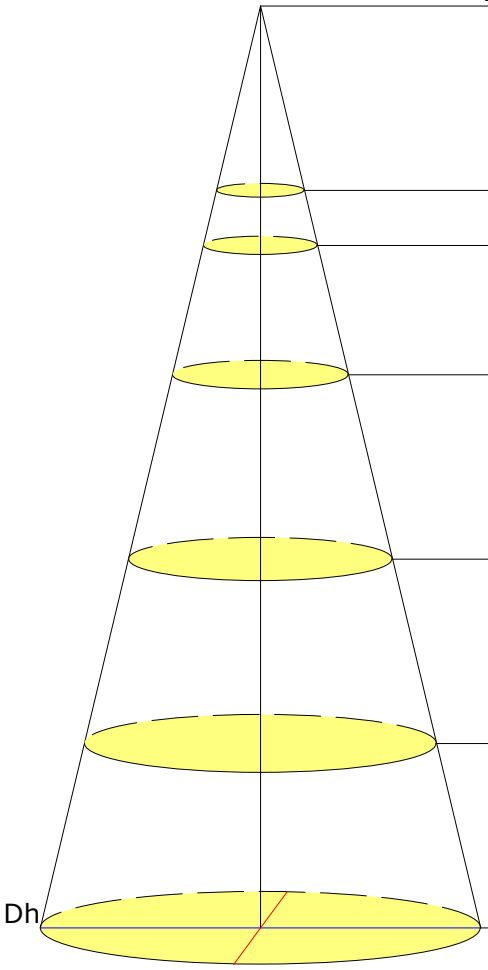


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6362	4987	3691	2781	2737	2492	1984	1852	1430
C90	6861	6011	5127	4185	3835	4047	4302	4802	6037
C180	7578	6181	4921	3620	2974	2959	2527	2244	2242
C270	6637	5912	4962	4031	3816	4068	4295	4744	5870

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



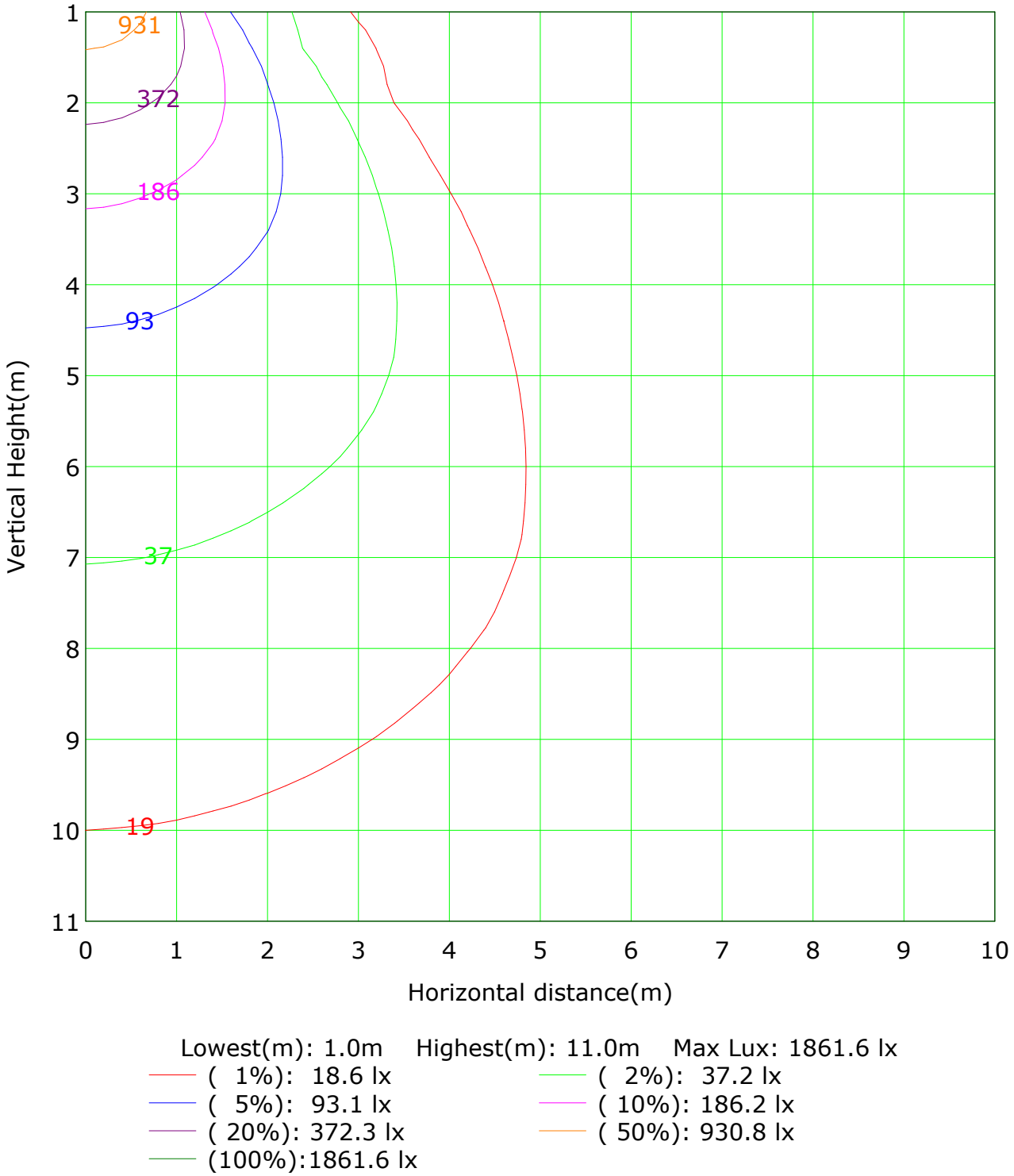
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1861.60	1.94/1.78	2.7	538.87
1.3	1101.54	2.52/2.32	4.6	318.86
2.0	465.40	3.88/3.57	10.9	134.72
3.0	206.84	5.82/5.35	24.6	59.87
4.0	116.35	7.76/7.13	43.7	33.68
5.0	74.46	9.70/8.92	68.2	21.55

Beam Angle(B): H88.2 V83.4 Field Angle(F): H143.2 V149.5

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: 1861.6 lx

(1%): 18.6 lx
(2%): 37.2 lx
(5%): 93.1 lx
(10%): 186.2 lx
(20%): 372.3 lx
(50%): 930.8 lx
(100%):1861.6 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:

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Area Flux Table

Unit: lm/klm

Vertical plane (rows) / Horizontal plane (columns)

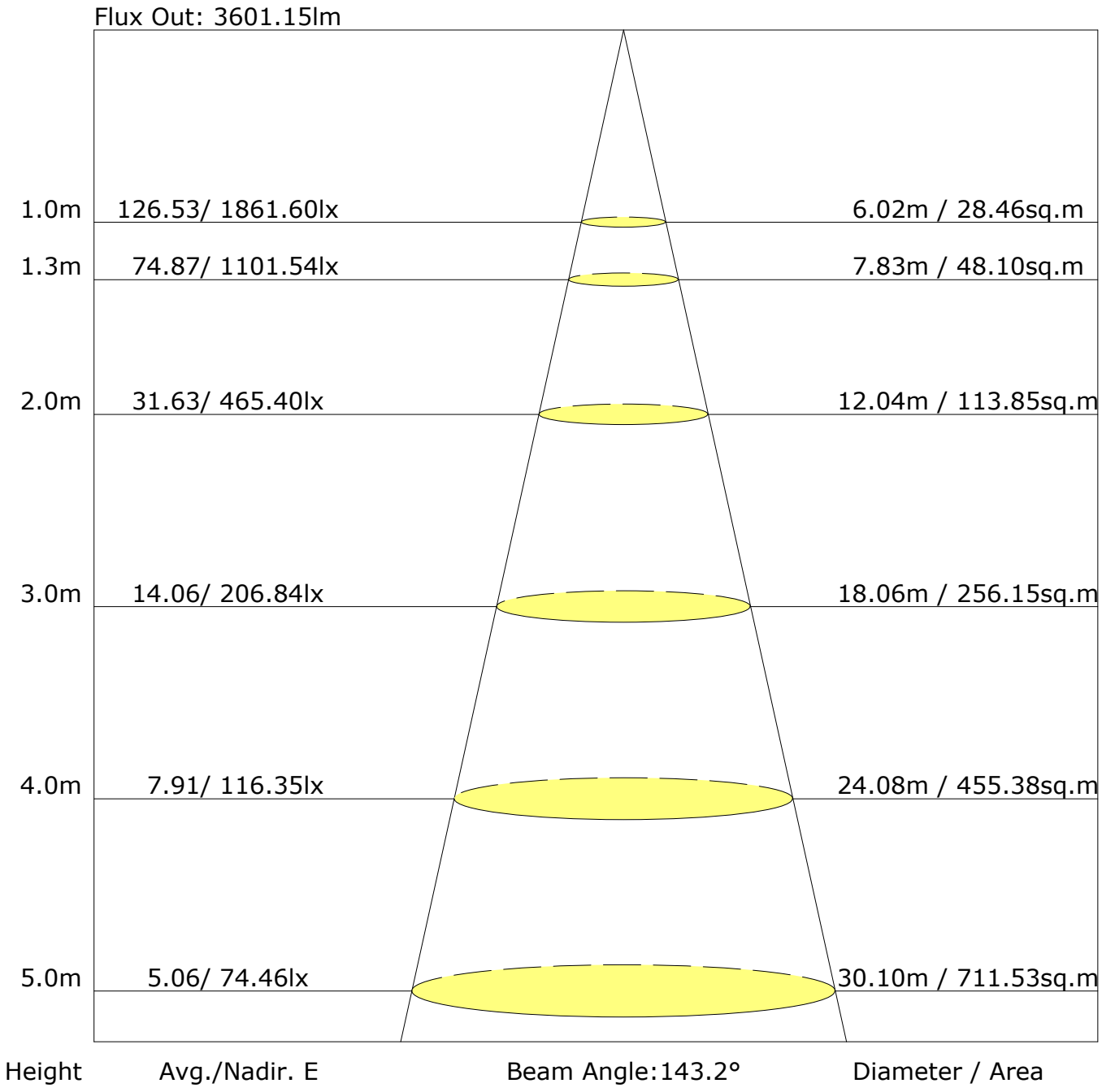
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	Flux(T)	Flux(E)
-90	0.0	0.1	0.2	0.3	0.4	0.6	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	7.3	0.0
-80	0.0	0.2	0.3	0.5	0.7	1.0	1.2	1.3	1.4	1.4	1.3	1.1	0.9	0.7	0.5	0.3	0.1	0.0	13.0	3.0
-70	0.0	0.2	0.4	0.7	1.1	1.5	1.8	2.0	2.1	2.1	1.9	1.7	1.4	1.0	0.6	0.4	0.1	0.0	19.1	15.5
-60	0.1	0.2	0.5	1.0	1.4	2.0	2.7	3.3	3.6	3.6	3.2	2.5	1.9	1.3	0.9	0.5	0.2	0.0	29.0	27.2
-50	0.1	0.3	0.7	1.2	2.0	3.3	4.7	5.7	6.1	6.0	5.4	4.3	2.9	1.7	1.1	0.6	0.2	0.0	46.2	45.1
-40	0.1	0.3	0.8	1.5	3.0	4.9	7.1	9.0	9.9	9.9	8.7	6.6	4.4	2.5	1.3	0.7	0.2	0.0	70.8	70.0
-30	0.1	0.3	0.8	1.9	3.9	6.7	9.7	11.6	12.6	12.5	11.4	9.2	6.1	3.3	1.5	0.7	0.3	0.0	92.7	92.0
-20	0.1	0.3	0.9	2.2	4.8	8.2	11.1	12.9	13.9	13.8	12.8	10.7	7.5	4.1	1.8	0.8	0.3	0.0	106.2	105.5
-10	0.1	0.3	0.9	2.4	5.3	9.0	11.7	13.5	14.5	14.4	13.3	11.3	8.2	4.5	1.9	0.8	0.3	0.0	112.7	112.2
0	0.1	0.3	0.9	2.5	5.4	9.0	11.7	13.5	14.5	14.5	13.3	11.3	8.2	4.5	1.9	0.8	0.3	0.0	112.9	112.3
10	0.1	0.3	0.9	2.2	4.8	8.3	11.1	13.0	13.9	13.9	12.8	10.8	7.6	4.1	1.8	0.8	0.3	0.0	106.6	106.0
20	0.1	0.3	0.8	1.9	4.0	6.8	9.8	11.7	12.7	12.6	11.5	9.3	6.2	3.4	1.5	0.7	0.3	0.0	93.6	92.9
30	0.1	0.3	0.8	1.5	3.0	5.0	7.3	9.2	10.2	10.1	8.9	6.8	4.5	2.5	1.3	0.7	0.2	0.0	72.2	71.4
40	0.1	0.3	0.7	1.2	2.0	3.4	4.7	5.8	6.3	6.2	5.5	4.3	3.0	1.8	1.1	0.6	0.2	0.0	47.2	46.0
50	0.1	0.2	0.5	1.0	1.5	2.1	2.8	3.4	3.7	3.7	3.2	2.6	1.9	1.4	0.9	0.5	0.2	0.0	29.5	27.7
60	0.0	0.2	0.4	0.7	1.1	1.5	1.8	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.4	0.1	0.0	19.2	15.6
70	0.0	0.2	0.3	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.3	1.1	0.9	0.7	0.5	0.3	0.1	0.0	13.1	3.0
80	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	7.4	0.0
Flux(T)	0.9	4.5	11.1	23.5	45.7	74.7	101.6	120.9	130.7	129.7	118.0	96.7	67.8	39.3	19.5	9.6	3.6	0.7	999	
Flux(E)	0.0	0.7	7.7	20.4	42.6	71.7	98.6	117.9	127.8	126.7	114.9	93.5	64.7	36.0	16.2	5.8	0.0	0.0		945

Horizontal plane

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

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

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

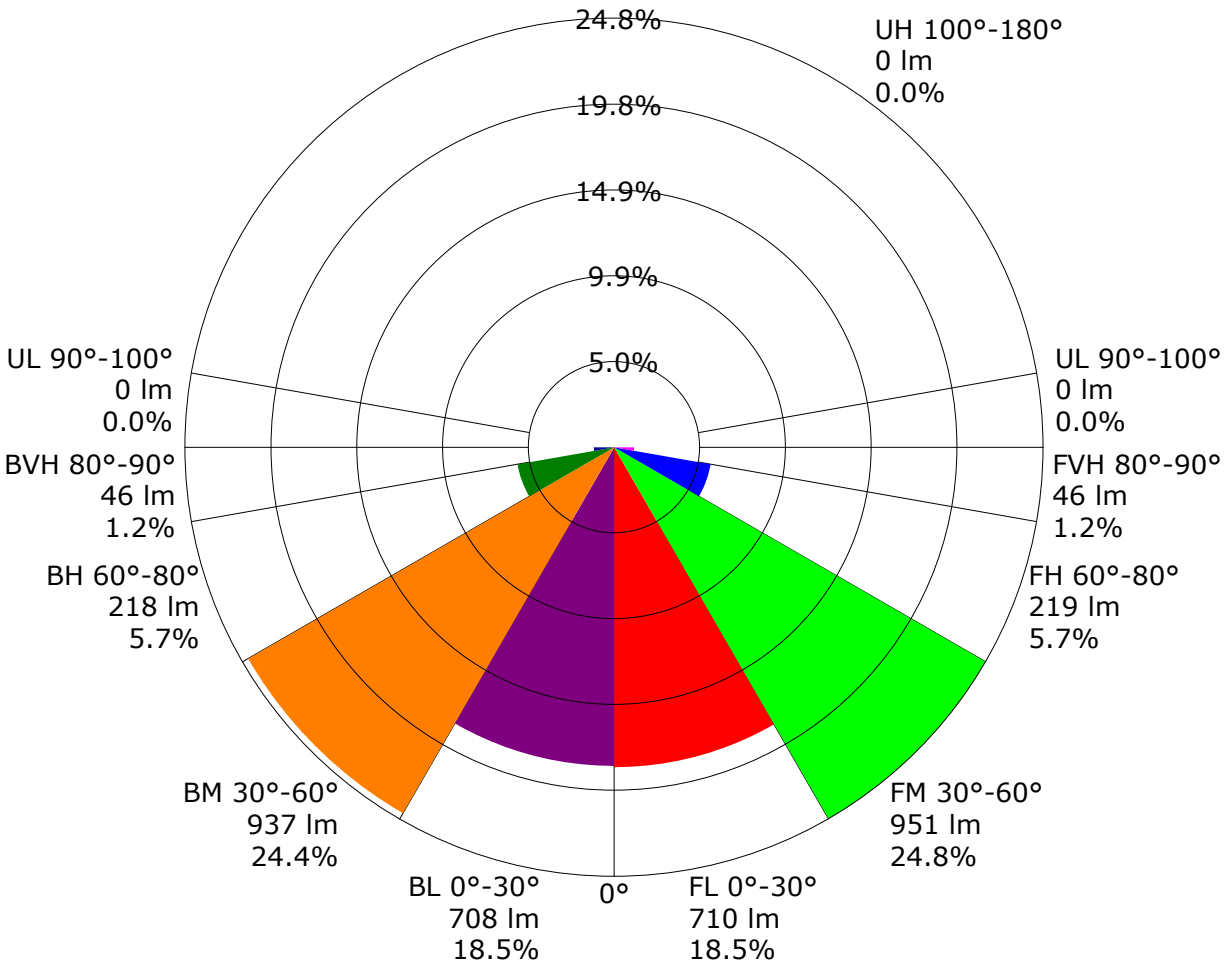
Reflectance: Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	16.5	17.7	16.7	17.9	18.2	17.0	18.3	17.3	18.5	18.7
3H	17.3	18.4	17.6	18.7	18.9	18.1	19.2	18.4	19.5	19.8
4H	17.6	18.7	17.9	19.0	19.2	18.8	19.8	19.1	20.1	20.4
6H	17.9	18.9	18.3	19.2	19.5	19.4	20.4	19.8	20.7	21.1
8H	18.0	19.0	18.4	19.3	19.6	19.8	20.7	20.1	21.1	21.4
12H	18.1	19.0	18.5	19.3	19.7	20.1	21.0	20.5	21.4	21.7
X=4H Y=2H	16.8	17.9	17.2	18.2	18.4	17.3	18.4	17.6	18.6	18.9
3H	17.9	18.8	18.3	19.1	19.5	18.6	19.6	19.0	19.9	20.2
4H	18.4	19.2	18.8	19.5	19.9	19.4	20.3	19.8	20.6	21.0
6H	18.8	19.5	19.2	19.9	20.3	20.3	21.0	20.7	21.4	21.8
8H	19.0	19.6	19.4	20.0	20.5	20.7	21.4	21.2	21.8	22.2
12H	19.1	19.7	19.6	20.1	20.6	21.2	21.8	21.6	22.2	22.6
X=8H Y=4H	18.7	19.3	19.1	19.7	20.2	19.6	20.3	20.1	20.7	21.1
6H	19.3	19.8	19.7	20.3	20.7	20.7	21.2	21.1	21.7	22.1
8H	19.5	20.0	20.0	20.5	21.0	21.2	21.7	21.7	22.2	22.6
12H	19.8	20.2	20.3	20.7	21.2	21.8	22.2	22.3	22.7	23.2
X=12H Y=4H	18.7	19.3	19.2	19.7	20.2	19.7	20.3	20.1	20.7	21.1
6H	19.4	19.9	19.9	20.3	20.8	20.7	21.2	21.2	21.7	22.1
8H	19.7	20.1	20.2	20.6	21.1	21.3	21.7	21.8	22.2	22.7
Variations with the observer position at spacings:										
S=1.0H	+0.4/-0.6					+0.3/-0.4				
S=1.5H	+0.8/-1.2					+0.5/-0.8				
S=2.0H	+1.6/-1.5					+1.1/-1.2				

Calculate in accordance with CIE Pub.117. The table is revised with 3835lm (8log(F/F0) = 4.7).

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:

LCS Graph



Back Light **Forward Light**

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	0.66	0.75	0.82	0.86	0.92	0.96	0.99	1.03	1.05
	0.30		0.59	0.69	0.75	0.80	0.87	0.91	0.95	0.99	1.02
	0.20		0.55	0.64	0.70	0.75	0.82	0.87	0.91	0.96	0.99
0.50	0.50	0.20	0.65	0.73	0.79	0.83	0.89	0.93	0.95	0.99	1.01
	0.30		0.59	0.68	0.74	0.78	0.85	0.89	0.92	0.96	0.98
	0.20		0.54	0.63	0.70	0.74	0.81	0.85	0.89	0.93	0.96
0.30	0.50	0.20	0.63	0.72	0.77	0.81	0.86	0.90	0.92	0.95	0.97
	0.30		0.58	0.67	0.72	0.77	0.82	0.86	0.89	0.93	0.95
	0.20		0.54	0.63	0.69	0.73	0.79	0.83	0.86	0.91	0.93
0.00	0.00	0.00	0.52	0.60	0.66	0.70	0.76	0.80	0.83	0.86	0.89

Rating:30W 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(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	0.85	0.70	0.59	0.52	0.41	0.34	0.30	0.23	0.19
	0.30		0.71	0.60	0.52	0.46	0.37	0.32	0.27	0.22	0.18
	0.20		0.61	0.52	0.46	0.41	0.34	0.29	0.25	0.20	0.17
0.50	0.50	0.20	0.82	0.67	0.56	0.49	0.39	0.36	0.28	0.22	0.18
	0.30		0.69	0.58	0.50	0.44	0.36	0.30	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
0.30	0.50	0.20	0.79	0.64	0.54	0.47	0.37	0.31	0.27	0.21	0.17
	0.30		0.68	0.56	0.48	0.42	0.34	0.29	0.25	0.20	0.16
	0.20		0.59	0.50	0.44	0.39	0.32	0.27	0.24	0.19	0.16
0.00	0.00	0.00	0.48	0.40	0.34	0.30	0.24	0.20	0.17	0.14	0.11

Rating:30W 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	0.15	0.16	0.17	0.17	0.18	0.19	0.20	0.20	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	0.11	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:30W 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	484.5	44.4	44.4	1.16	1.16
5.0-10.0	478.9	131.4	175.8	3.43	4.58
10.0-15.0	468.2	213.0	388.8	5.55	10.14
15.0-20.0	453.2	286.4	675.2	7.47	17.61
20.0-25.0	433.2	348.5	1023.7	9.09	26.70
25.0-30.0	406.2	394.2	1417.9	10.28	36.98
30.0-35.0	368.9	416.6	1834.5	10.87	47.84
35.0-40.0	314.7	402.7	2237.2	10.50	58.34
40.0-45.0	248.3	352.5	2589.8	9.19	67.54
45.0-50.0	190.1	294.6	2884.4	7.68	75.22
50.0-55.0	143.7	239.7	3124.0	6.25	81.47
55.0-60.0	102.9	182.4	3306.4	4.76	86.23
60.0-65.0	75.5	140.7	3447.1	3.67	89.90
65.0-70.0	61.6	119.6	3566.7	3.12	93.02
70.0-75.0	49.6	99.5	3666.2	2.59	95.61
75.0-80.0	37.4	76.7	3742.9	2.00	97.61
80.0-85.0	26.8	55.8	3798.6	1.45	99.06
85.0-90.0	17.1	35.9	3834.6	0.94	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°): 2589.75 lm

%lum = 67.5%
%lamp = 67.5%

cone flux(120°): 3306.42 lm

%lum = 86.2%
%lamp = 86.2%

Candlepower Table

Unit: cd/klm

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	485.5	486.5	485.5	486.5	485.5					
G5.0	481.0	484.2	484.1	483.0	481.0					
G10.0	471.1	476.2	477.3	474.3	471.1					
G15.0	457.0	463.1	465.5	461.1	457.0					
G20.0	438.9	446.0	449.7	444.0	438.9					
G25.0	415.8	422.7	429.9	418.8	415.8					
G30.0	384.3	389.5	404.6	383.8	384.3					
G35.0	338.4	344.1	369.3	337.4	338.4					
G40.0	274.8	275.1	318.1	260.6	274.8					
G45.0	211.2	200.7	251.5	194.1	211.2					
G50.0	154.3	160.3	191.3	157.7	154.3					
G55.0	105.1	122.5	140.1	118.5	105.1					
G60.0	71.7	87.6	93.3	84.4	71.7					
G65.0	62.6	68.3	68.0	67.9	62.6					
G70.0	49.3	58.9	58.6	59.2	49.3					
G75.0	32.9	48.1	41.9	48.0	32.9					
G80.0	24.5	37.1	29.7	36.7	24.5					
G85.0	14.0	25.5	21.9	24.8	14.0					
G90.0	6.7	16.9	10.1	16.9	6.7					

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:

LED Average Luminance Report

Avg.L	cd/m^2
L 0-180(65) av	3797.53
L 0-180(75) av	3550.89
L 0-180(85) av	5063.88
L 90-270(65) av	3961.95
L 90-270(75) av	4565.73
L 90-270(85) av	7087.59
L 45(65) av	3879.74
L 45(75) av	4058.31
L 45(85) av	6075.74

Standard: GB/T 29293-2012

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: