Report No.: Test Time: 2024-01-30 15:24

Luminaire Property

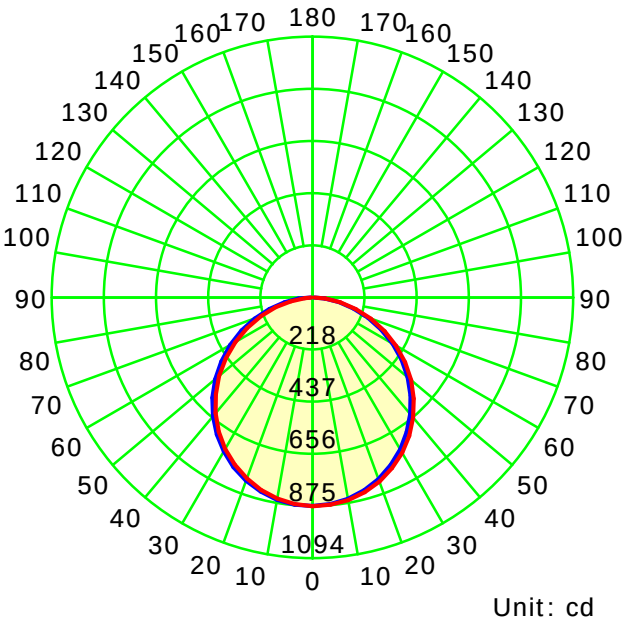
Luminaire Manufacturer:
Luminaire Category: Luminaire Description: E400
Lamp Catalog: 6500K Lamp Description:
Number of Lamps: Lumens per Lamp:
Luminous Length (mm): 400 Luminous Width (mm): 400
Luminous Height (mm): 33 Voltage: 230.90 V
Current: 0.1100 A Power: 24.17 W
Power Factor: 0.9520

Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 2548.9 lm
Measurement Flux: 2548.9 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H113.7
Vertical Diffuse Angle(50%): V113.2
Luminous Efficacy (lm/w): 105.46 C0r0 Intensity: 875.41 cd
Max. Intensity: 875.61 cd Pos of Max. Intensity: H90 V0
S/MH(C0/C180): 1.26 S/MH(C90/C270): 1.26

Picture Of Luminaire

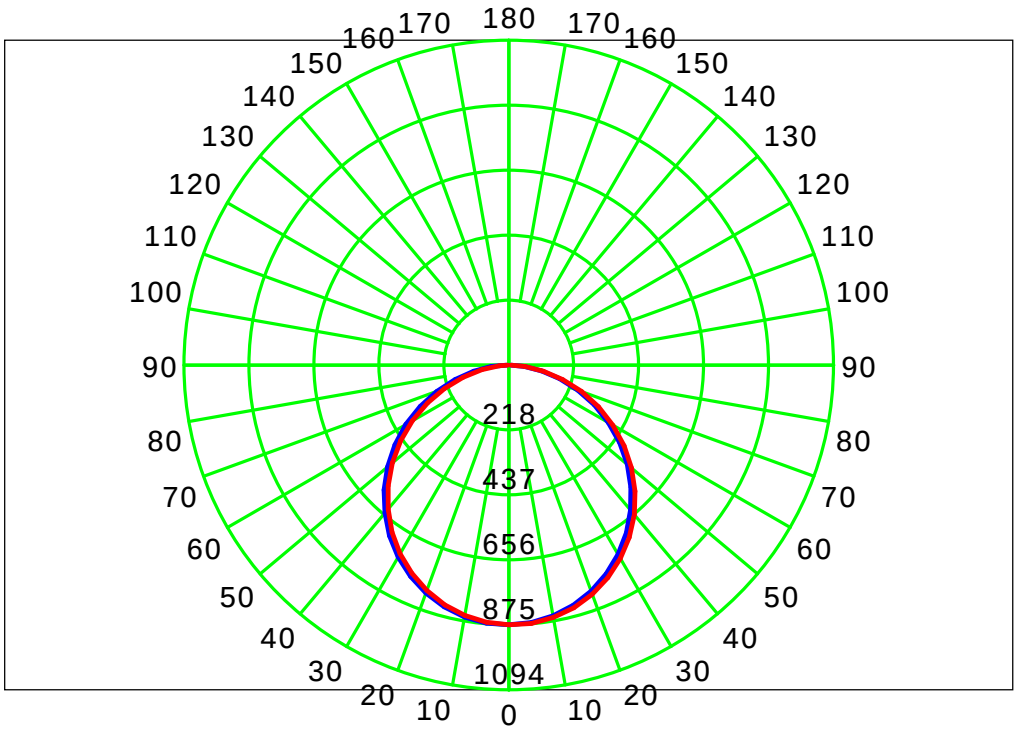
Luminous Intensity Distribution Curve

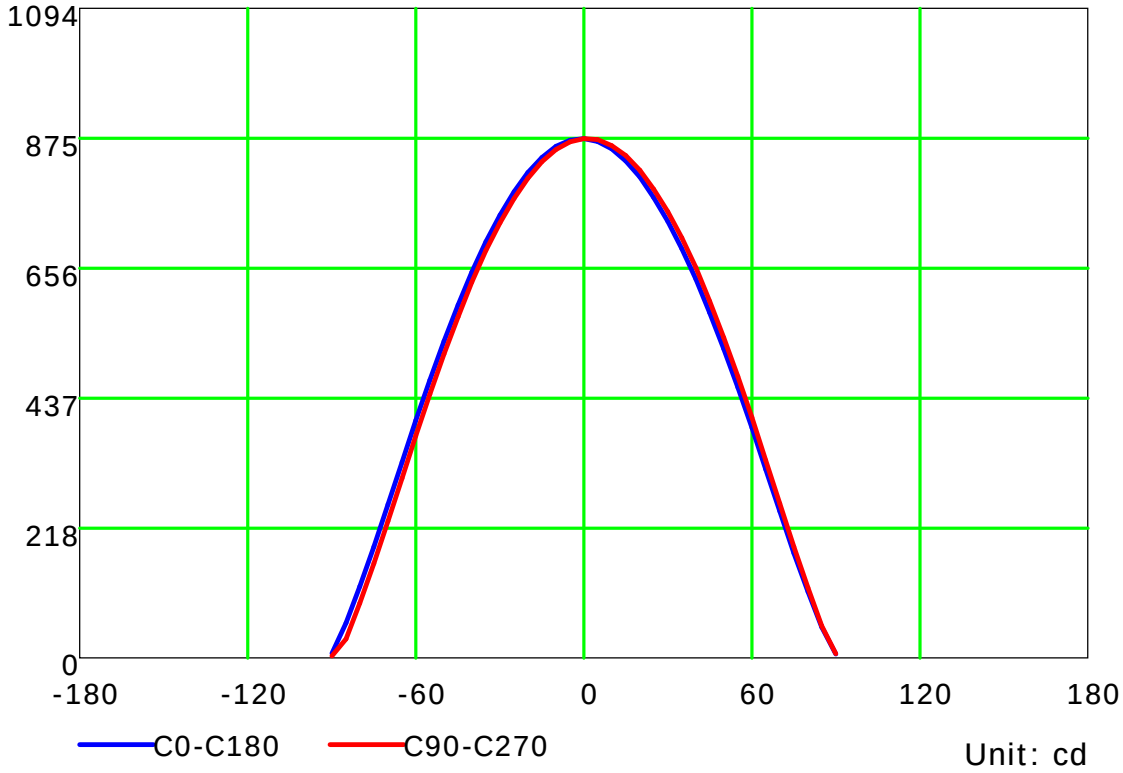


Unit: cd
Average Diffuse Angle(50%): 113.4°
C0-C180 C90-C270

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:

Luminous Intensity Distribution Curve





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

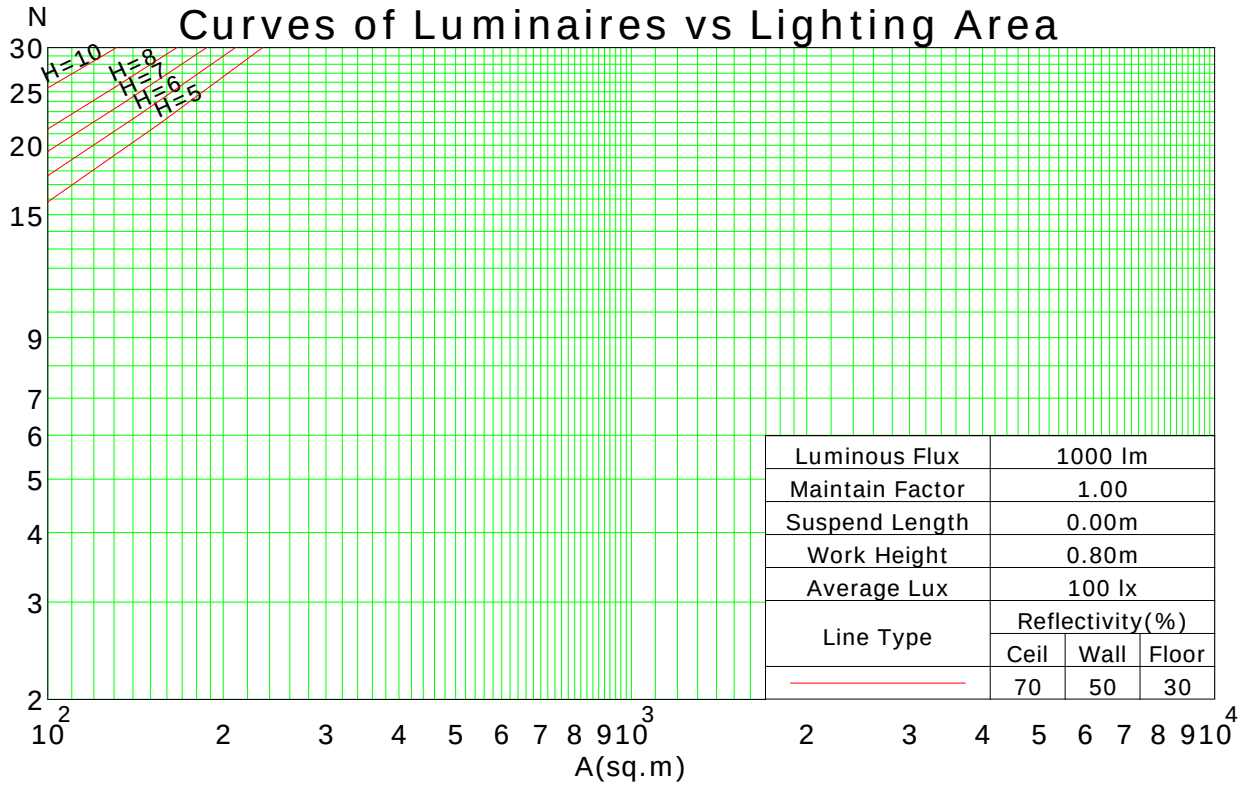
Gamma Plane (°):0.0-90.0:5.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

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	1.08	1.03	0.99	0.95	1.06	1.01	0.97	0.94	0.97	0.94	0.91	0.93	0.90	0.88	0.89	0.87	0.85	0.83
2	0.98	0.90	0.83	0.77	0.96	0.88	0.82	0.76	0.84	0.79	0.74	0.81	0.77	0.73	0.78	0.74	0.71	0.69
3	0.90	0.79	0.71	0.64	0.87	0.77	0.70	0.63	0.74	0.68	0.62	0.71	0.66	0.61	0.69	0.64	0.60	0.58
4	0.82	0.70	0.61	0.54	0.80	0.68	0.60	0.54	0.66	0.59	0.53	0.64	0.57	0.52	0.61	0.56	0.51	0.49
5	0.75	0.62	0.53	0.46	0.73	0.61	0.53	0.46	0.59	0.51	0.46	0.57	0.50	0.45	0.55	0.49	0.45	0.42
6	0.70	0.56	0.47	0.40	0.68	0.55	0.46	0.40	0.53	0.46	0.40	0.52	0.45	0.39	0.50	0.44	0.39	0.37
7	0.64	0.51	0.42	0.36	0.63	0.50	0.41	0.35	0.48	0.41	0.35	0.47	0.40	0.35	0.46	0.39	0.35	0.33
8	0.60	0.46	0.38	0.32	0.58	0.46	0.37	0.32	0.44	0.37	0.31	0.43	0.36	0.31	0.42	0.36	0.31	0.29
9	0.56	0.42	0.34	0.29	0.55	0.42	0.34	0.28	0.41	0.33	0.28	0.40	0.33	0.28	0.39	0.32	0.28	0.26
10	0.53	0.39	0.31	0.26	0.51	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.30	0.26	0.36	0.30	0.25	0.24

Spacing Criteria (0-180): 1.26
Spacing Criteria (90-270): 1.26
Spacing Criteria (Diagonal): 1.38

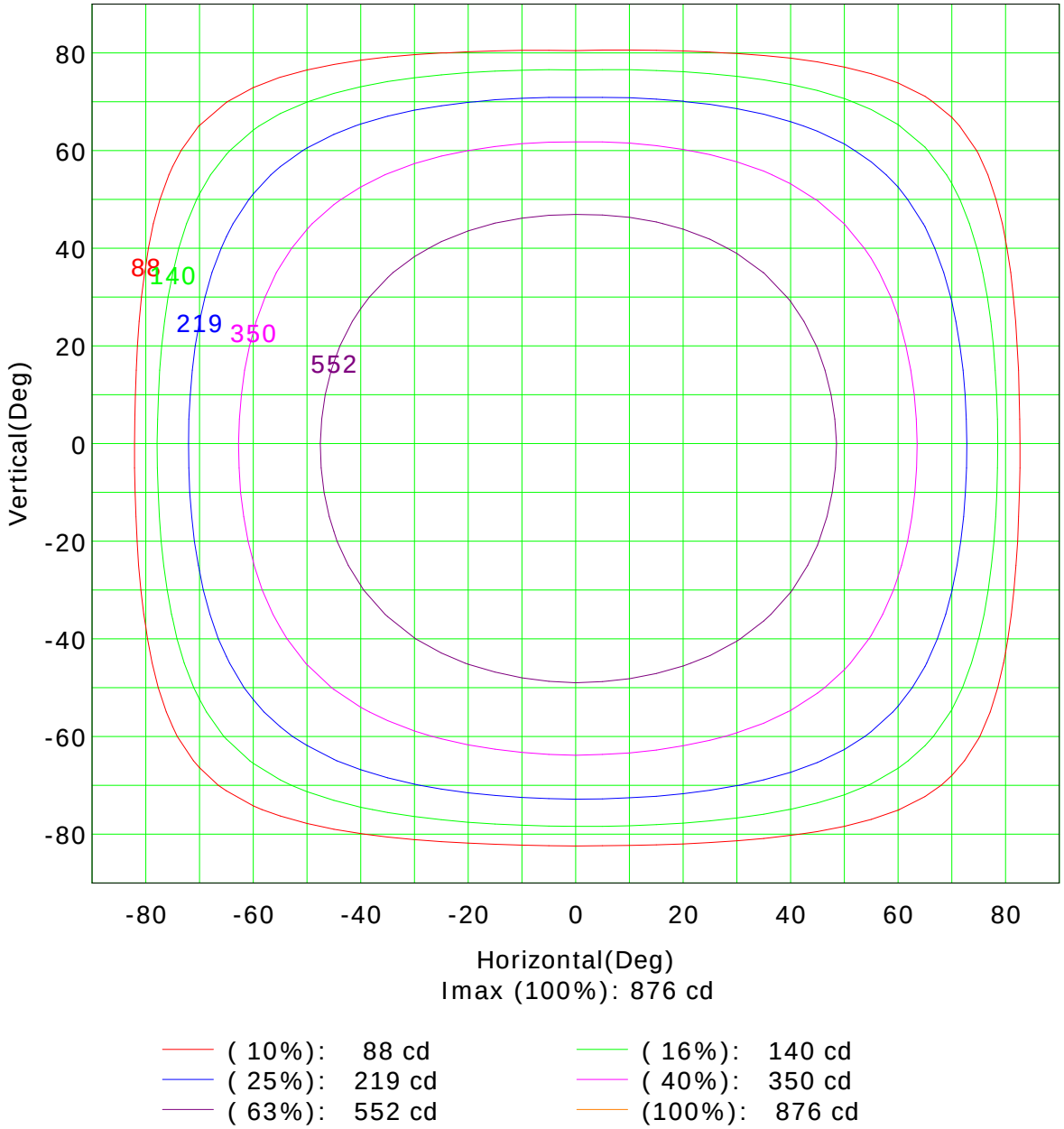
Curves of Luminaires vs Lighting Area



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)

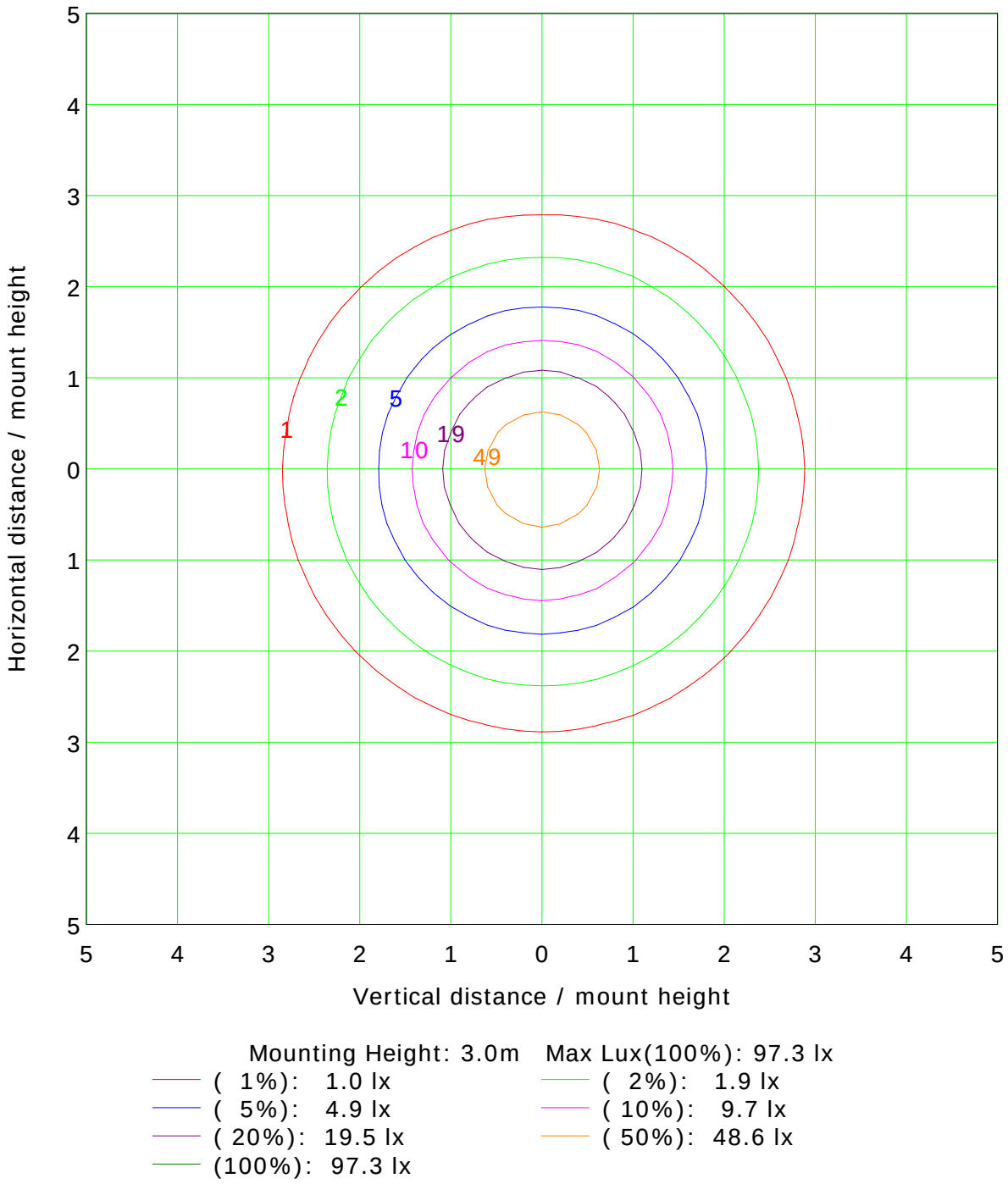


(10%): 88 cd
(16%): 140 cd
(25%): 219 cd
(40%): 350 cd
(63%): 552 cd
(100%): 876 cd

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:

IsoLux Plot



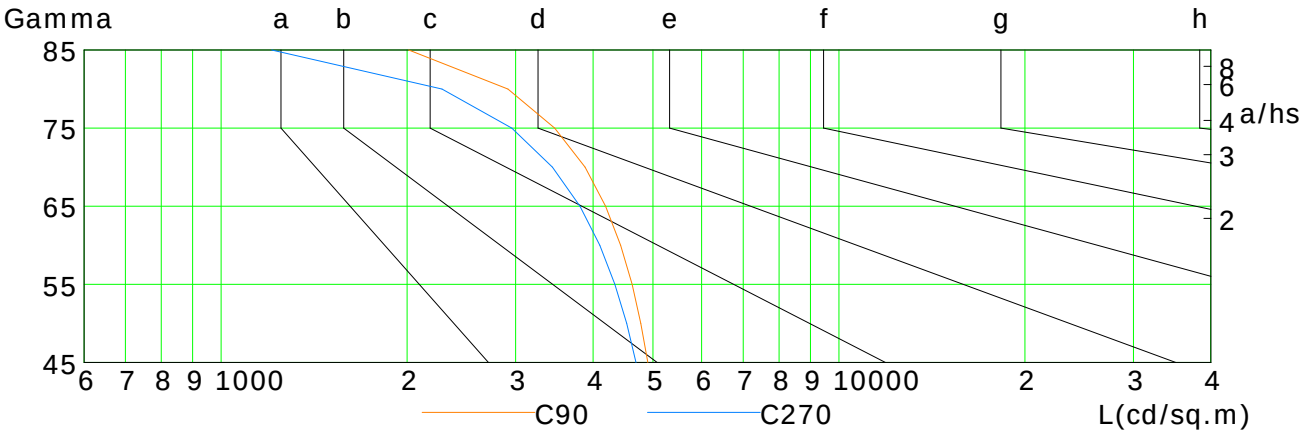
Mounting Height: 3.0m Max Lux(100%): 97.3 lx

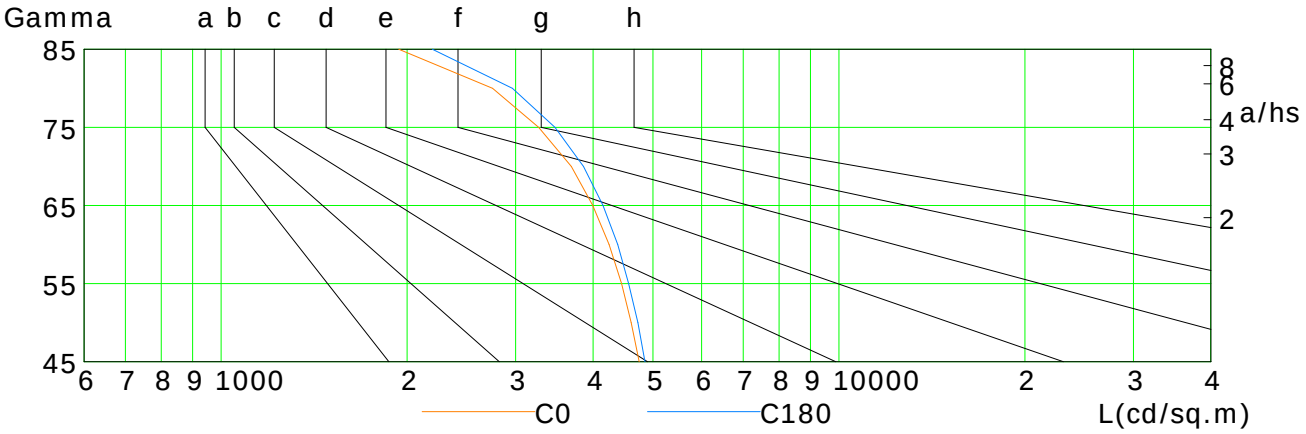
(1%): 1.0 lx
(2%): 1.9 lx
(5%): 4.9 lx
(10%): 9.7 lx
(20%): 19.5 lx
(50%): 48.6 lx
(100%): 97.3 lx

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:

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





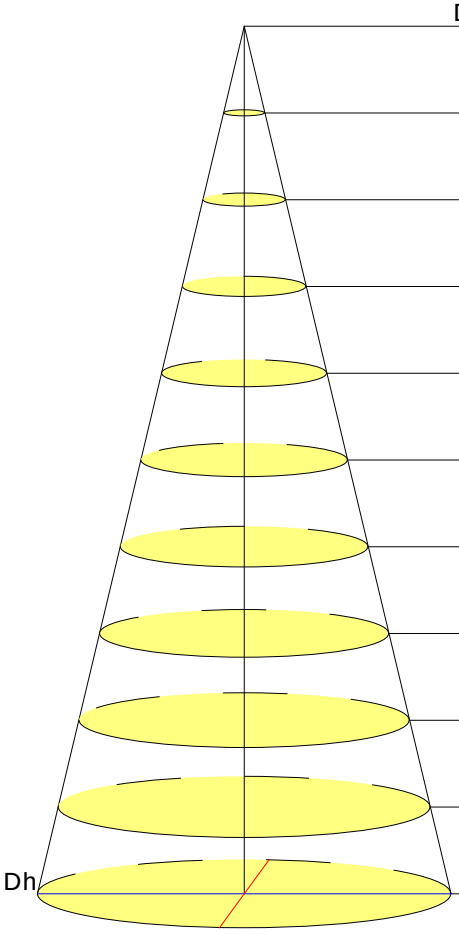
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4751	4612	4448	4246	3998	3691	3268	2753	1939
C90	4911	4780	4628	4436	4194	3886	3468	2913	2014
C180	4858	4728	4569	4385	4152	3861	3472	2964	2198
C270	4696	4537	4338	4102	3811	3438	2956	2278	1208

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	875.41	3.06/3.03	7.3	147.08
2.0	218.85	6.12/6.06	29.2	36.77
3.0	97.27	9.18/9.10	65.7	16.34
4.0	54.71	12.24/12.13	116.8	9.19
5.0	35.02	15.30/15.16	182.5	5.88
6.0	24.32	18.36/18.19	262.8	4.09
7.0	17.87	21.42/21.23	357.7	3.00
8.0	13.68	24.48/24.26	467.2	2.30
9.0	10.81	27.54/27.29	591.3	1.82
10.0	8.75	30.60/30.32	730.0	1.47

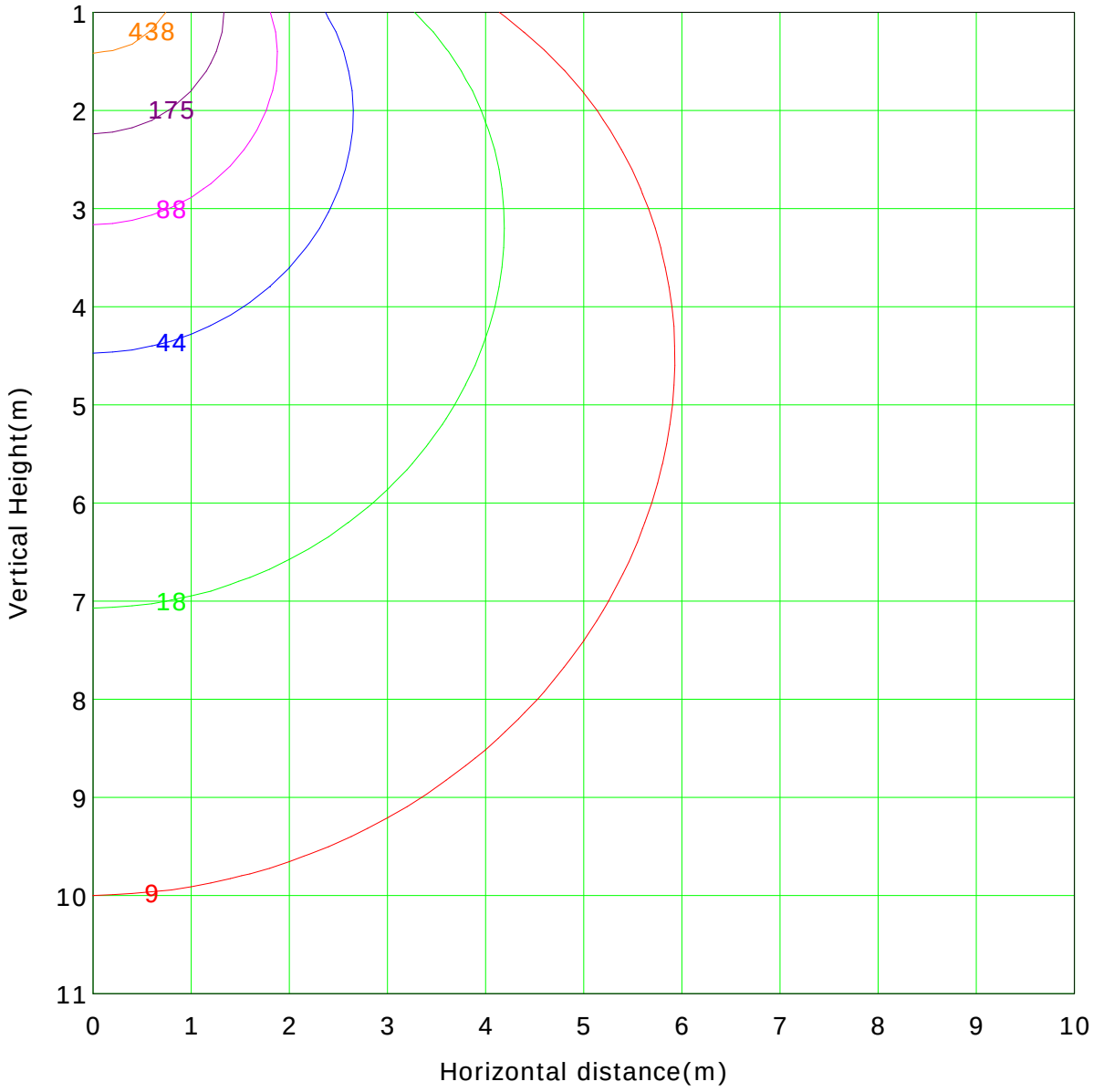


Beam Angle(B): H113.7 V113.2 Field Angle(F): H164.8 V162.9

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: 875.4 lx

(1%): 8.8 lx
(2%): 17.5 lx
(5%): 43.8 lx
(10%): 87.5 lx
(20%): 175.1 lx
(50%): 437.7 lx
(100%): 875.4 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:

Area Flux Table

Unit: lm

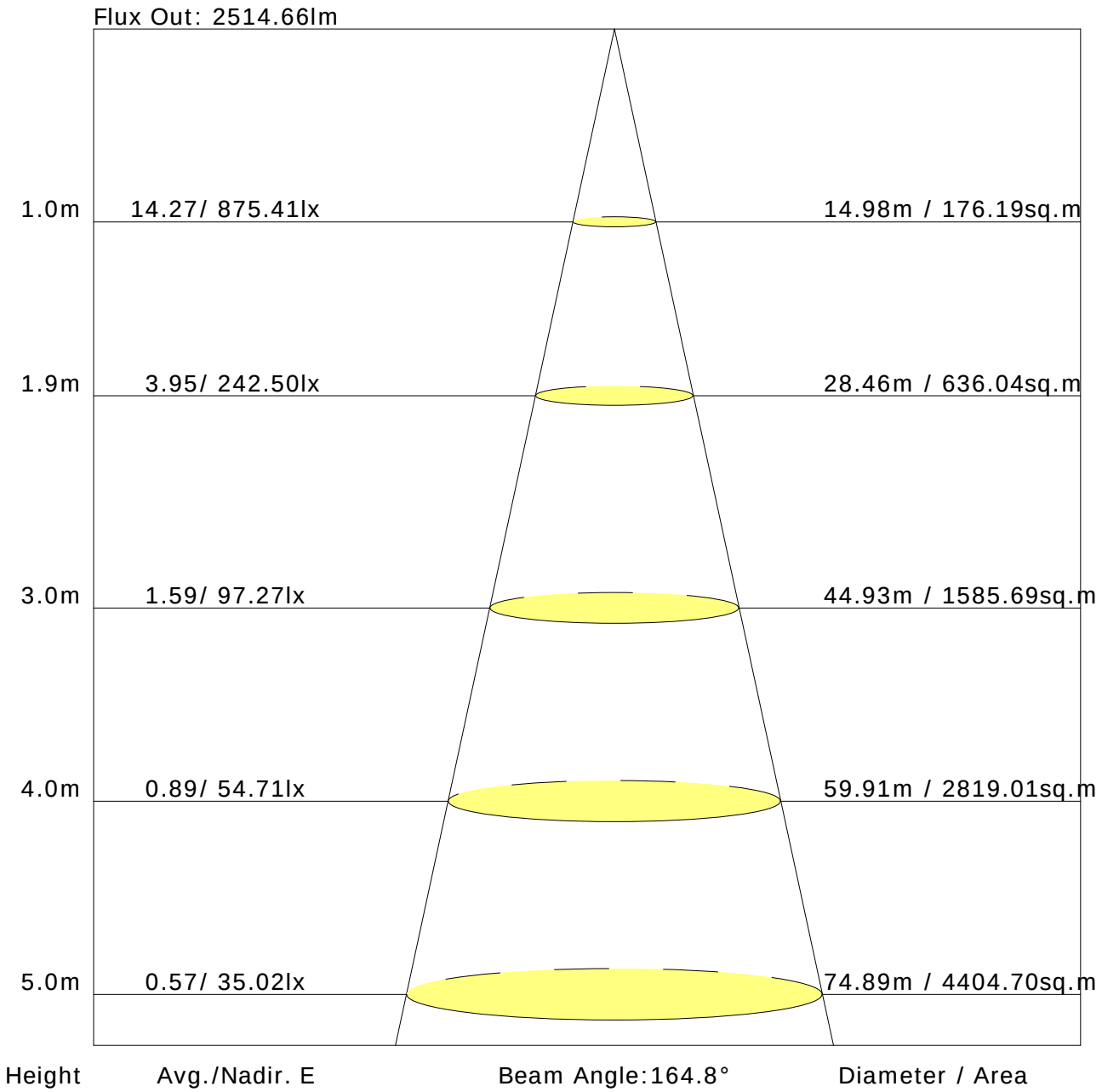
Vertical plane

Horizontal 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	0.2	0.3	0.5	0.8	1.0	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.7	0.5	0.3	0.1	0.0	12.7	0.3	0.8
-80	0.1	0.4	0.9	1.6	2.5	3.4	4.1	4.7	4.9	4.9	4.6	4.0	3.3	2.4	1.5	0.8	0.3	0.1	44.3	39.9	15.0
-70	0.1	0.6	1.5	2.9	4.5	6.1	7.6	8.7	9.2	9.2	8.6	7.5	6.0	4.4	2.8	1.5	0.5	0.1	81.6	80.4	44.9
-60	0.1	0.8	2.2	4.2	6.5	8.9	11.1	12.6	13.4	13.4	12.6	10.9	8.8	6.4	4.0	2.1	0.8	0.1	119.0	118.4	87.5
-50	0.1	1.0	2.8	5.4	8.4	11.5	14.3	16.3	17.3	17.3	16.2	14.1	11.3	8.2	5.2	2.7	1.0	0.1	153.4	153.0	137.6
-40	0.2	1.2	3.4	6.4	10.0	13.7	17.0	19.4	20.7	20.7	19.3	16.8	13.5	9.8	6.3	3.2	1.1	0.2	183.0	182.7	188.6
-30	0.2	1.4	3.8	7.3	11.3	15.5	19.2	21.9	23.3	23.3	21.8	19.0	15.3	11.1	7.1	3.7	1.3	0.2	206.4	206.2	234.1
-20	0.2	1.5	4.1	7.8	12.2	16.7	20.7	23.6	25.2	25.1	23.5	20.5	16.5	12.0	7.6	4.0	1.4	0.2	222.8	222.6	268.0
-10	0.2	1.5	4.3	8.2	12.7	17.3	21.5	24.6	26.2	26.1	24.4	21.2	17.1	12.4	7.9	4.1	1.5	0.2	231.4	231.3	285.9
0	0.2	1.5	4.3	8.2	12.7	17.4	21.5	24.6	26.3	26.2	24.5	21.3	17.1	12.5	8.0	4.1	1.5	0.2	232.1	231.9	285.2
10	0.2	1.5	4.1	7.9	12.3	16.8	20.8	23.8	25.4	25.4	23.7	20.6	16.6	12.1	7.7	4.0	1.4	0.2	224.7	224.5	266.4
20	0.2	1.4	3.8	7.3	11.5	15.7	19.4	22.2	23.8	23.7	22.1	19.3	15.5	11.3	7.2	3.7	1.3	0.2	209.6	209.3	231.7
30	0.2	1.2	3.4	6.6	10.2	14.0	17.4	19.9	21.3	21.2	19.8	17.2	13.8	10.1	6.4	3.3	1.2	0.2	187.4	187.1	185.7
40	0.2	1.0	2.9	5.5	8.7	11.9	14.7	16.9	18.1	18.0	16.8	14.6	11.7	8.5	5.4	2.8	1.0	0.1	158.8	158.4	134.5
50	0.1	0.8	2.3	4.4	6.8	9.3	11.6	13.3	14.3	14.2	13.3	11.5	9.2	6.7	4.2	2.2	0.8	0.1	125.1	124.6	84.9
60	0.1	0.6	1.6	3.1	4.8	6.6	8.2	9.4	10.0	10.0	9.3	8.1	6.5	4.7	3.0	1.5	0.6	0.1	88.0	86.9	43.0
70	0.1	0.4	1.0	1.8	2.8	3.8	4.6	5.3	5.7	5.7	5.3	4.6	3.7	2.7	1.7	0.9	0.3	0.1	50.2	46.8	13.8
80	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.6	0.3	0.2	0.0	16.5	3.7	0.5
90	2.5	17.2	47.1	89.6	139.7	190.8	236.3	270.2	288.1	287.5	268.6	233.9	187.9	136.7	87.1	45.2	16.2	2.3	2547	2508	
Flux(E)	0.8	15.0	44.9	87.5	137.6	188.6	234.1	268.0	285.9	285.2	266.4	231.7	185.7	134.5	84.9	43.0	13.8	0.5			

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:

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	17.7	19.1	18.0	19.3	19.6	17.7	19.1	18.0	19.4	19.6
3H	19.2	20.5	19.5	20.7	21.0	19.2	20.5	19.5	20.8	21.0
4H	19.8	21.0	20.1	21.3	21.6	19.8	21.0	20.1	21.3	21.6
6H	20.2	21.4	20.6	21.7	22.0	20.2	21.3	20.6	21.6	22.0
8H	20.4	21.5	20.7	21.8	22.1	20.3	21.4	20.7	21.7	22.1
12H	20.4	21.5	20.8	21.8	22.2	20.4	21.4	20.7	21.7	22.1
X=4H Y=2H	18.3	19.5	18.7	19.8	20.1	18.3	19.6	18.7	19.8	20.1
3H	20.0	21.1	20.4	21.4	21.7	20.0	21.1	20.4	21.4	21.7
4H	20.7	21.7	21.1	22.0	22.4	20.7	21.7	21.1	22.0	22.4
6H	21.3	22.1	21.7	22.5	22.9	21.2	22.1	21.7	22.5	22.9
8H	21.5	22.2	21.9	22.6	23.1	21.4	22.2	21.8	22.6	23.0
12H	21.6	22.3	22.0	22.7	23.1	21.5	22.2	22.0	22.6	23.1
X=8H Y=4H	21.0	21.8	21.4	22.2	22.6	21.0	21.8	21.4	22.2	22.6
6H	21.7	22.3	22.1	22.7	23.2	21.6	22.3	22.1	22.7	23.2
8H	21.9	22.5	22.4	22.9	23.4	21.9	22.4	22.4	22.9	23.4
12H	22.1	22.6	22.6	23.1	23.6	22.0	22.5	22.5	23.0	23.5
X=12H Y=4H	21.0	21.7	21.5	22.1	22.6	21.0	21.7	21.5	22.1	22.6
6H	21.7	22.3	22.2	22.7	23.2	21.7	22.2	22.2	22.7	23.2
8H	22.0	22.5	22.5	23.0	23.5	22.0	22.4	22.4	22.9	23.4
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.3/-0.5					+0.4/-0.5				
S=2.0H	+0.5/-0.8					+0.5/-0.9				

Calculate in accordance with CIE Pub.117. The table is revised with 2549lm (8log(F/F0) = 3.3).

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:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)							SHR NOM = 1.50				
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	0.59	0.68	0.75	0.81	0.88	0.93	0.96	1.00	1.03
	0.30		0.52	0.60	0.68	0.74	0.82	0.87	0.91	0.96	1.00
	0.20		0.46	0.54	0.62	0.68	0.76	0.82	0.87	0.93	0.97
0.50	0.50	0.20	0.58	0.66	0.73	0.78	0.84	0.89	0.92	0.96	0.99
	0.30		0.51	0.59	0.67	0.72	0.79	0.84	0.88	0.93	0.96
	0.20		0.46	0.54	0.62	0.67	0.75	0.80	0.84	0.90	0.94
0.30	0.50	0.20	0.56	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.50	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.46	0.53	0.61	0.66	0.73	0.79	0.82	0.87	0.91
0.00	0.00	0.00	0.44	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86

Rating:24W 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 = 1.50								
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	0.96	0.81	0.69	0.60	0.48	0.40	0.34	0.27	0.22
	0.30		0.80	0.70	0.60	0.53	0.43	0.37	0.32	0.25	0.21
	0.20		0.68	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20
0.50	0.50	0.20	0.92	0.78	0.66	0.57	0.46	0.42	0.33	0.25	0.21
	0.30		0.78	0.68	0.58	0.51	0.42	0.35	0.31	0.24	0.20
	0.20		0.68	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.89	0.75	0.63	0.55	0.44	0.36	0.31	0.24	0.20
	0.30		0.76	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.67	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.56	0.49	0.42	0.37	0.30	0.25	0.22	0.17	0.14

Rating:24W 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 = 1.50								
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	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.15	0.17	0.18	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	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA

Rating:24W 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]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-5.0	873.6	20.9	20.9	0.82	0.82
5.0-10.0	865.9	62.0	82.8	2.43	3.25
10.0-15.0	850.6	100.9	183.8	3.96	7.21
15.0-20.0	827.8	136.4	320.2	5.35	12.56
20.0-25.0	798.1	167.4	487.6	6.57	19.13
25.0-30.0	761.9	192.8	680.5	7.57	26.70
30.0-35.0	719.5	211.9	892.4	8.31	35.01
35.0-40.0	671.0	223.9	1116.3	8.78	43.79
40.0-45.0	616.8	228.4	1344.6	8.96	52.75
45.0-50.0	557.6	225.3	1570.0	8.84	61.59
50.0-55.0	494.0	214.8	1784.8	8.43	70.02
55.0-60.0	426.8	197.3	1982.1	7.74	77.76
60.0-65.0	356.9	173.5	2155.7	6.81	84.57
65.0-70.0	285.5	144.6	2300.3	5.67	90.25
70.0-75.0	213.9	111.8	2412.1	4.39	94.63
75.0-80.0	144.7	77.5	2489.6	3.04	97.67
80.0-85.0	80.5	43.8	2533.3	1.72	99.39
85.0-90.0	28.4	15.6	2548.9	0.61	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°): 1344.65 lm

%lum = 52.8%
%lamp = 52.8%

cone flux(120°): 1982.15 lm

%lum = 77.8%
%lamp = 77.8%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	875.4	875.6	875.4	875.6	875.4					
G5.0	870.6	873.6	872.7	870.0	870.6					
G10.0	857.9	863.7	862.2	856.8	857.9					
G15.0	837.7	846.6	843.5	836.3	837.7					
G20.0	810.4	821.8	818.0	808.4	810.4					
G25.0	776.3	790.3	785.7	774.3	776.3					
G30.0	736.1	752.4	746.5	733.6	736.1					
G35.0	690.0	708.3	701.7	687.2	690.0					
G40.0	638.4	657.8	650.7	633.9	638.4					
G45.0	581.9	601.4	594.9	575.1	581.9					
G50.0	521.0	540.0	534.1	512.4	521.0					
G55.0	456.3	474.8	468.7	445.0	456.3					
G60.0	388.2	405.6	401.0	375.0	388.2					
G65.0	318.2	333.7	330.4	303.3	318.2					
G70.0	247.7	260.9	259.2	230.8	247.7					
G75.0	177.0	187.8	188.1	160.1	177.0					
G80.0	112.3	118.8	120.9	92.9	112.3					
G85.0	52.5	54.6	59.5	32.7	52.5					
G90.0	7.1	8.1	8.5	4.3	7.1					

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: