

Report No.:

Test Time: 2025/1/10 11:41

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.554 A

Power Factor: 0.960

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 147.33 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 20542.2 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 14843.69 cd

Pos of Max. Intensity: H337.5 V6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 68.4, 69.9, 71.8, 71.2

Longitudinal Classification: Very Short

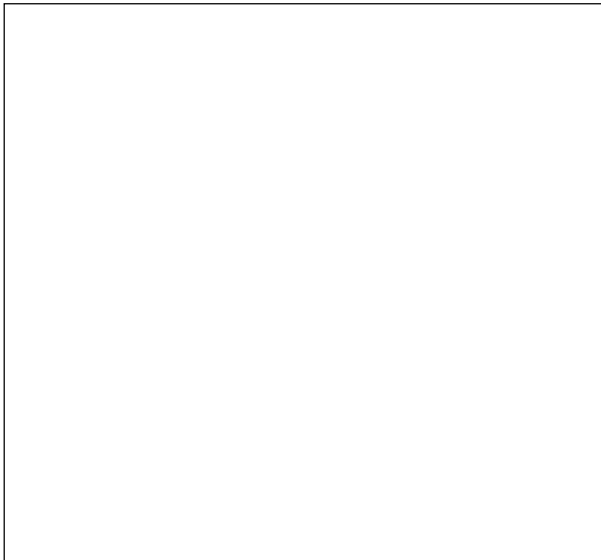
Measurement Flux: 20542.2 lm

Downward Ratio: 100%

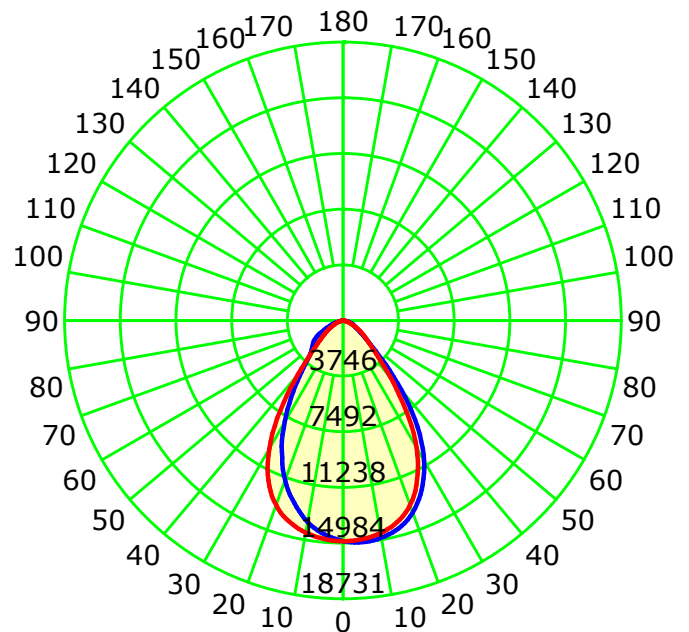
Luminaire Efficacy Rating (LER): 139.48

Max. Intensity: 14984.96 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 69.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

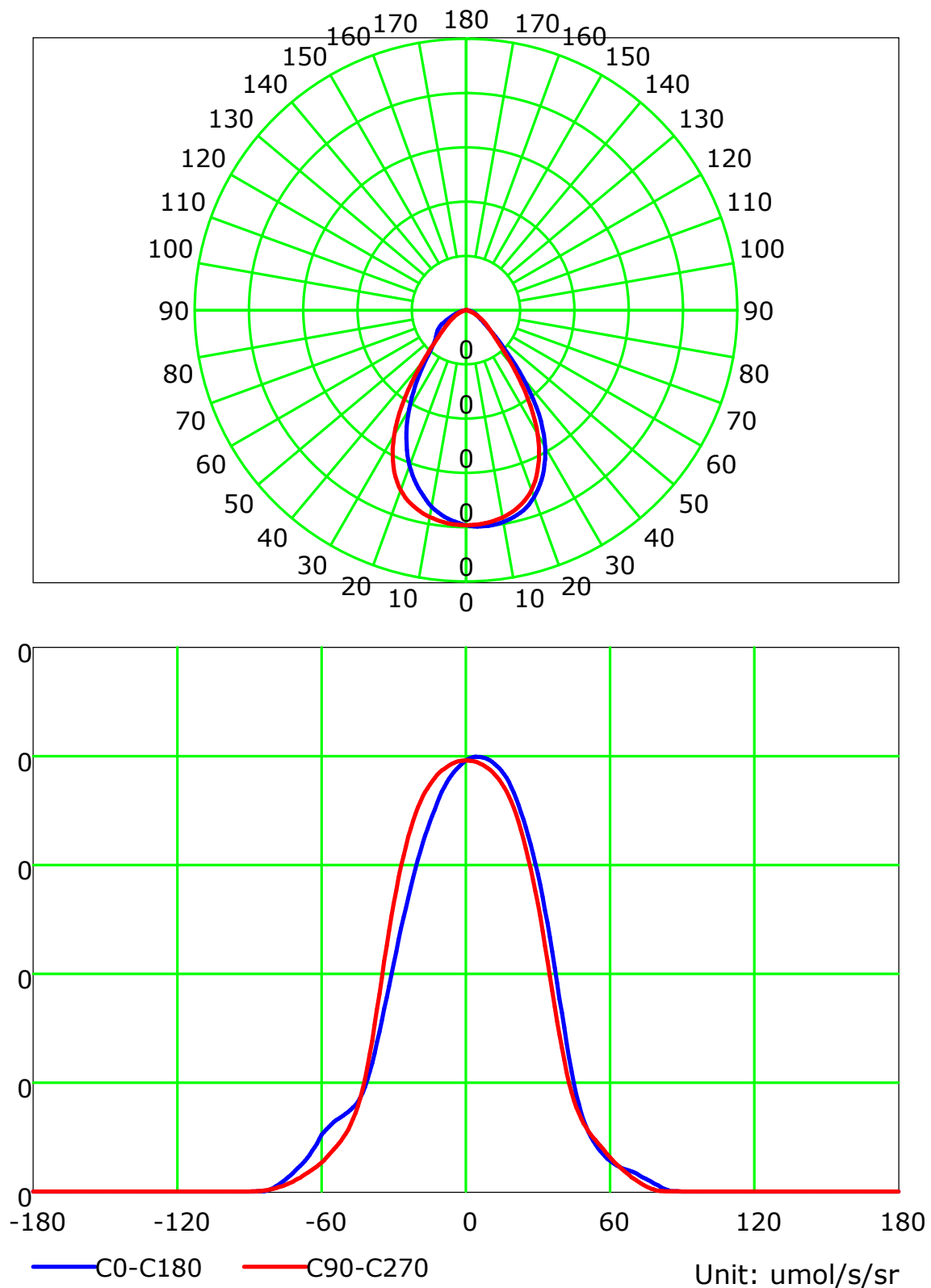
Test Device: GPM-3000

Distance: 14.631 m [K=1.0000]

Humidity:

Inspector:

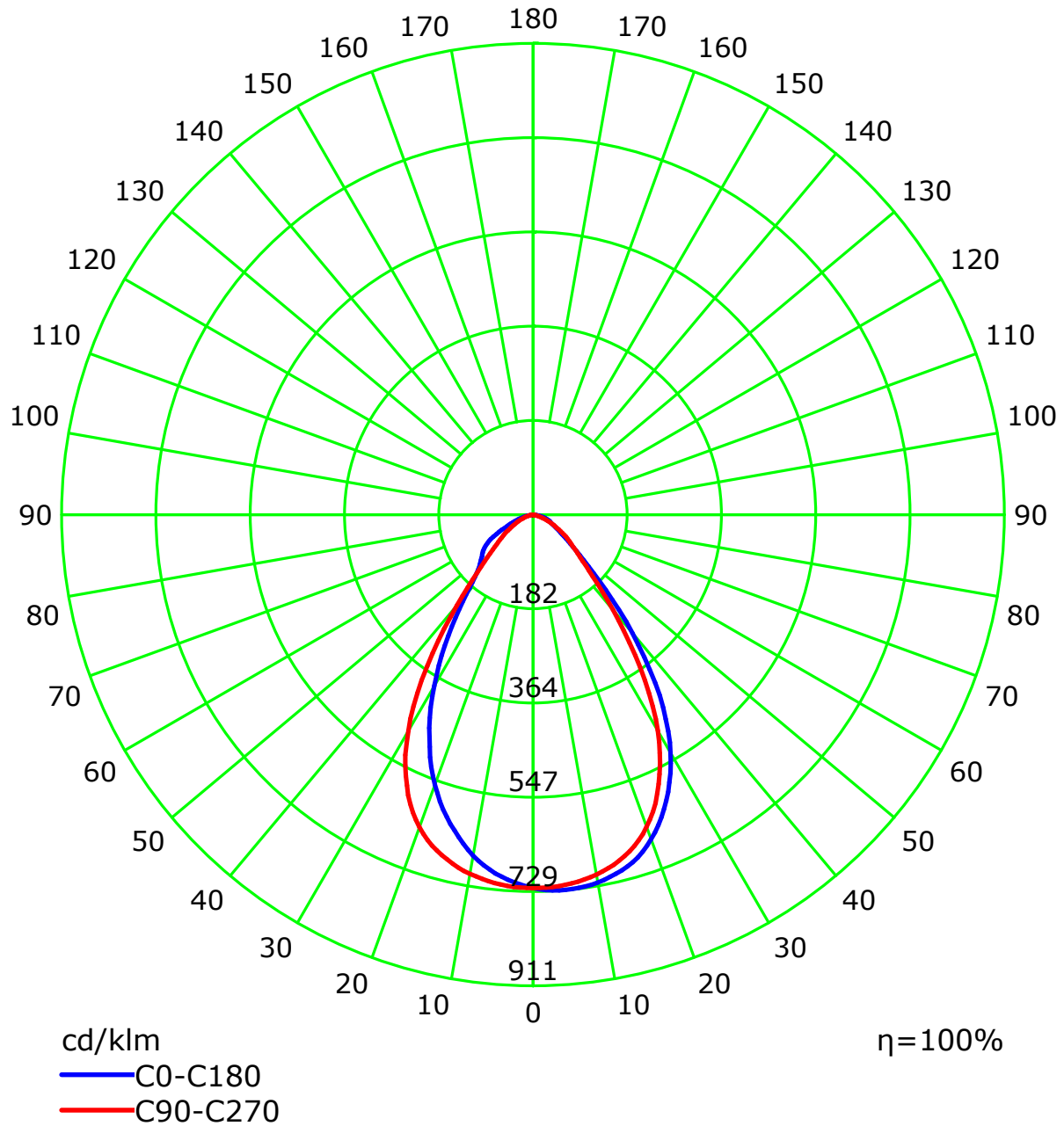
Photon Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

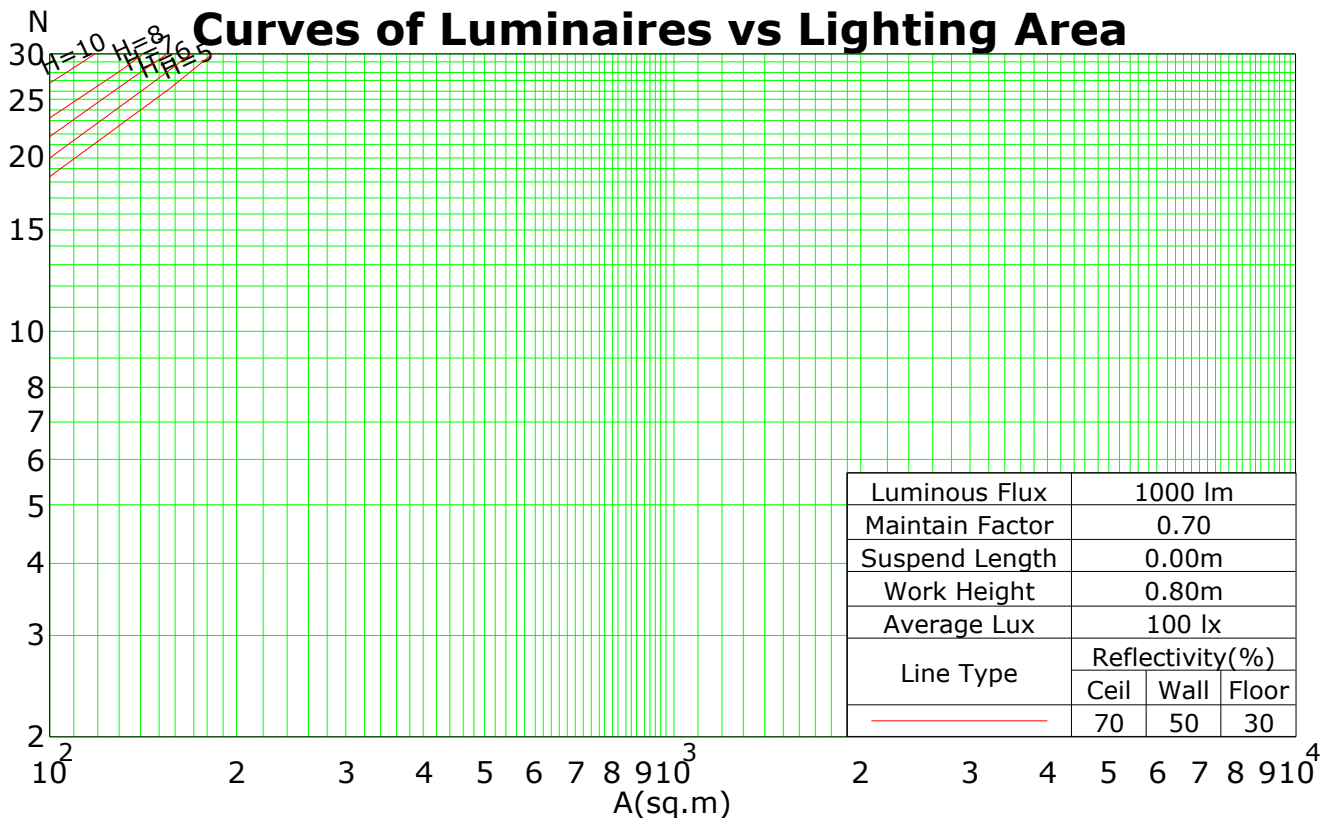
Coefficients Of Utilization - Zonal Cavity Method

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	1.12	1.09	1.06	1.03	1.10	1.07	1.04	1.01	1.02	1.00	0.98	0.99	0.97	0.95	0.95	0.94	0.92	0.91
2	1.05	0.99	0.94	0.90	1.03	0.97	0.93	0.89	0.94	0.90	0.87	0.91	0.88	0.85	0.88	0.85	0.83	0.81
3	0.98	0.90	0.84	0.79	0.96	0.89	0.83	0.79	0.86	0.81	0.77	0.84	0.80	0.76	0.81	0.78	0.75	0.73
4	0.92	0.83	0.76	0.71	0.90	0.82	0.75	0.70	0.79	0.74	0.70	0.77	0.72	0.69	0.75	0.71	0.68	0.66
5	0.86	0.76	0.69	0.64	0.84	0.75	0.69	0.64	0.73	0.67	0.63	0.71	0.66	0.62	0.70	0.65	0.62	0.60
6	0.81	0.70	0.63	0.58	0.79	0.69	0.63	0.58	0.68	0.62	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.55
7	0.76	0.65	0.58	0.53	0.75	0.64	0.58	0.53	0.63	0.57	0.53	0.62	0.56	0.52	0.60	0.56	0.52	0.50
8	0.72	0.61	0.53	0.49	0.70	0.60	0.53	0.49	0.59	0.53	0.48	0.58	0.52	0.48	0.57	0.52	0.48	0.46
9	0.68	0.56	0.50	0.45	0.66	0.56	0.49	0.45	0.55	0.49	0.45	0.54	0.48	0.44	0.53	0.48	0.44	0.43
10	0.64	0.53	0.46	0.42	0.63	0.52	0.46	0.42	0.51	0.46	0.41	0.51	0.45	0.41	0.50	0.45	0.41	0.40

Spacing Criteria (0-180): 1.02

Spacing Criteria (90-270): 1.06

Spacing Criteria (Diagonal): 1.05



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

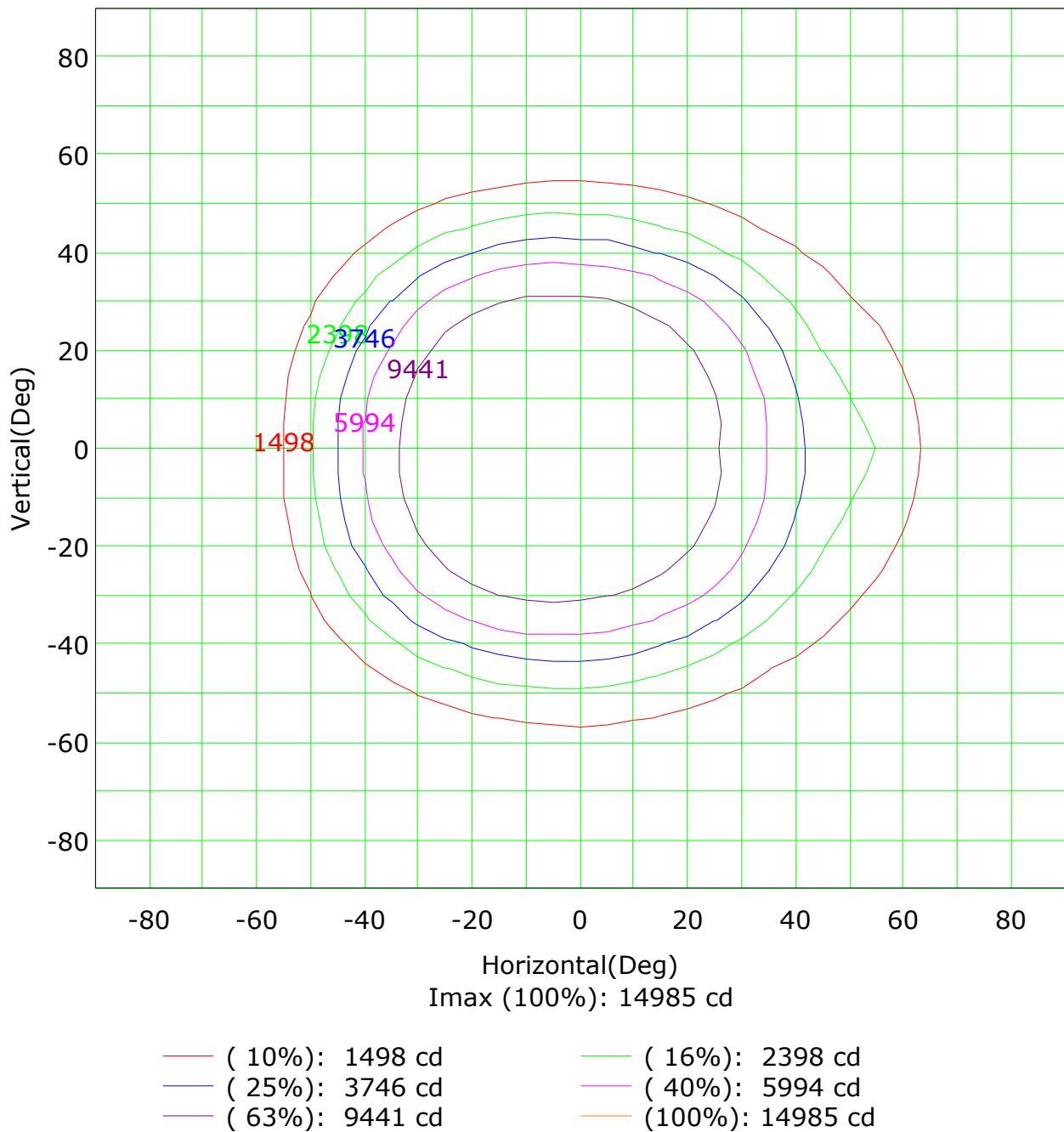
Test Device: GPM-3000

Distance: 14.631 m [K=1.0000]

Humidity:

Inspector:

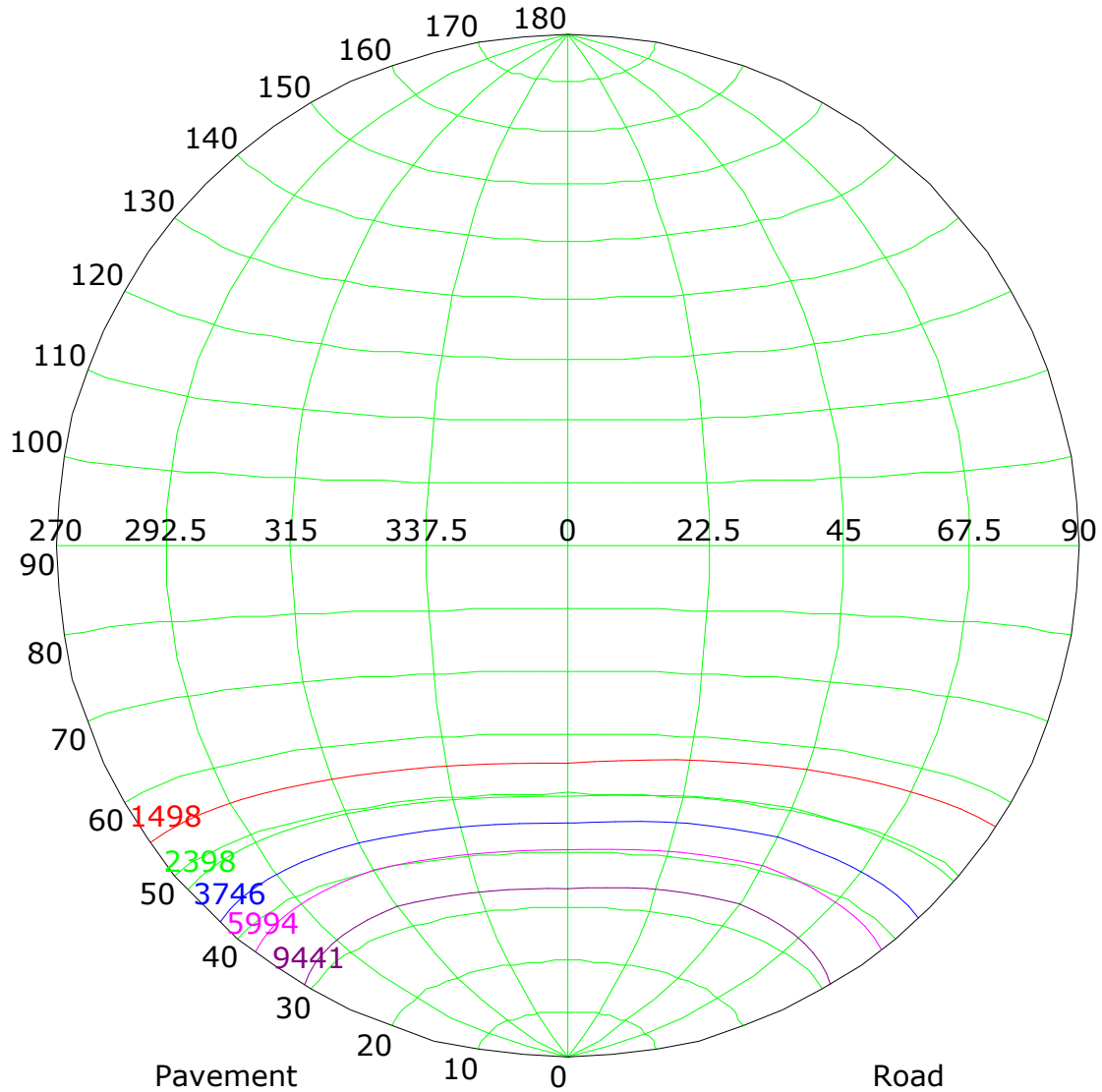
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 14985 cd

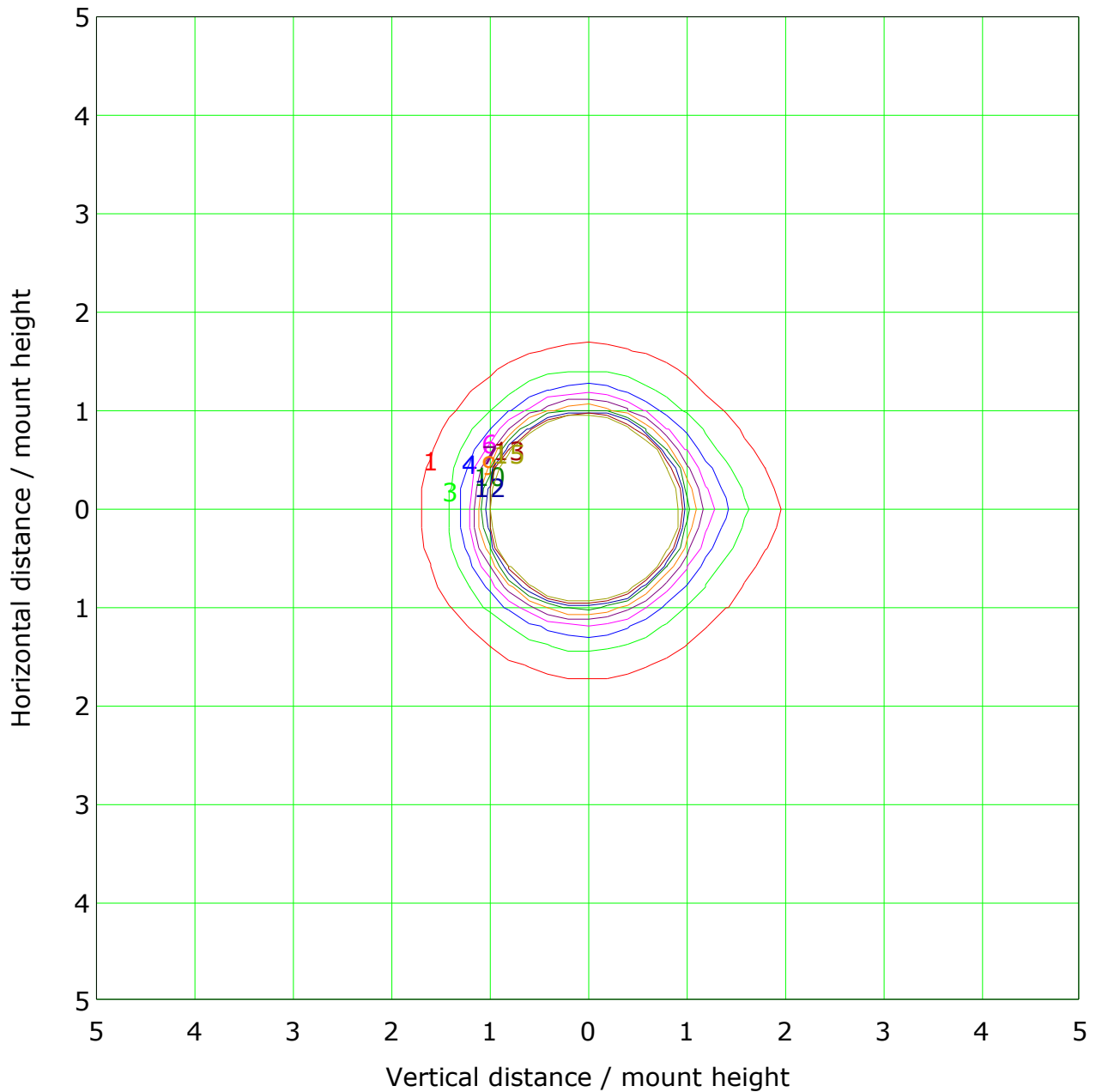
(10%): 1498 cd
(25%): 3746 cd
(63%): 9441 cd

(16%): 2398 cd
(40%): 5994 cd
(100%): 14985 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 0.000 cd/klm
Max.80-90: 0.000 cd/klm

IsoLux Plot



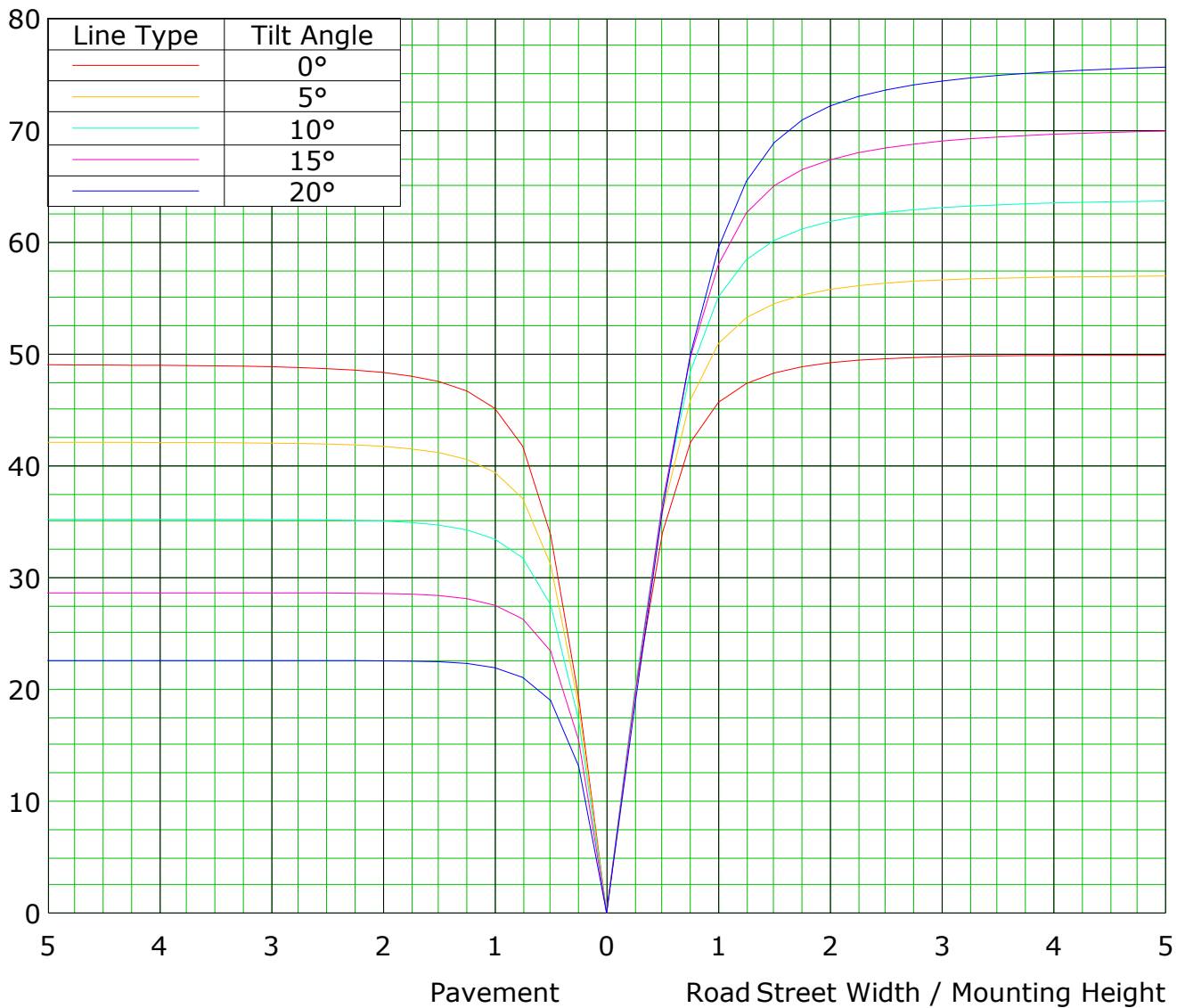
Mounting Height: 10.0m		Max Lux(100%): 149.0 lx	
(1%):	1.5 lx	(2%):	3.0 lx
(3%):	4.5 lx	(4%):	6.0 lx
(5%):	7.5 lx	(6%):	8.9 lx
(7%):	10.4 lx	(8%):	11.9 lx
(9%):	13.4 lx	(10%):	14.9 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



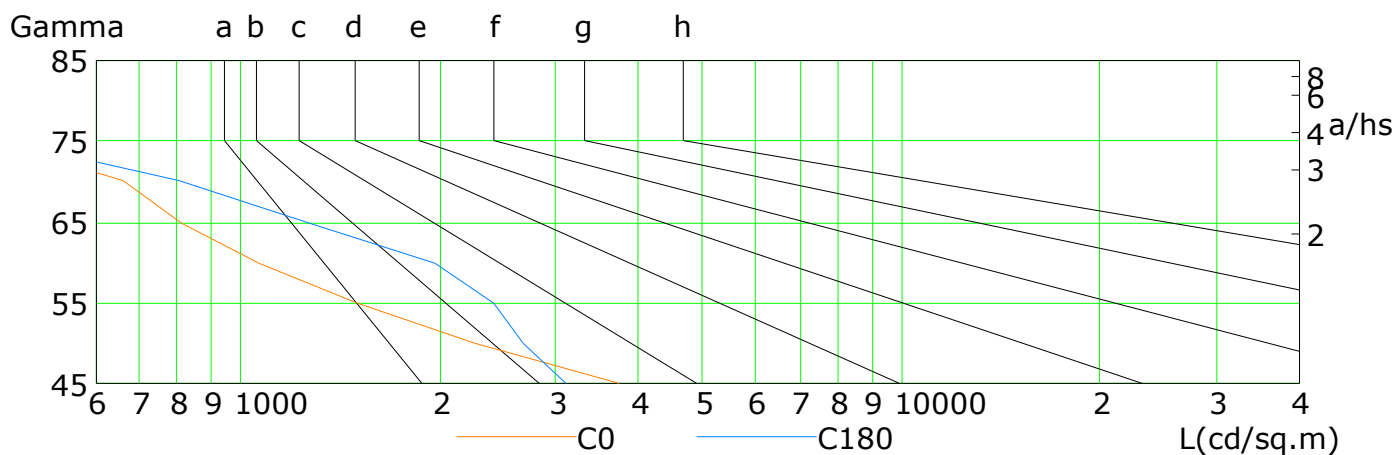
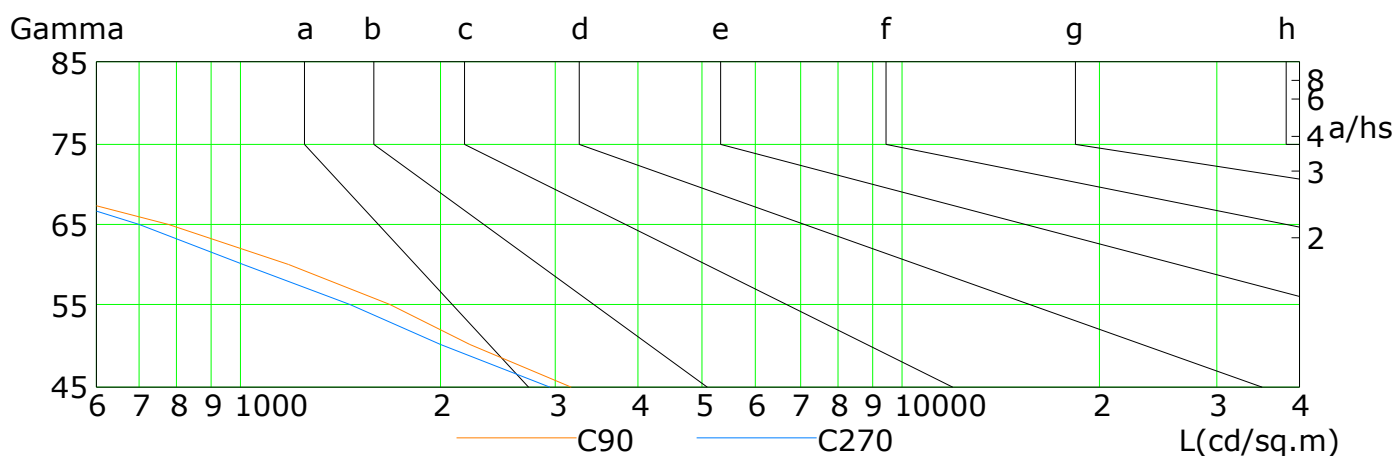
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 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	3726	2250	1502	1064	808	661	441	215	26
C90	3146	2219	1671	1177	778	440	180	33	17
C180	3087	2679	2402	1959	1270	805	424	131	15
C270	2932	1992	1453	1003	697	438	233	105	24

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

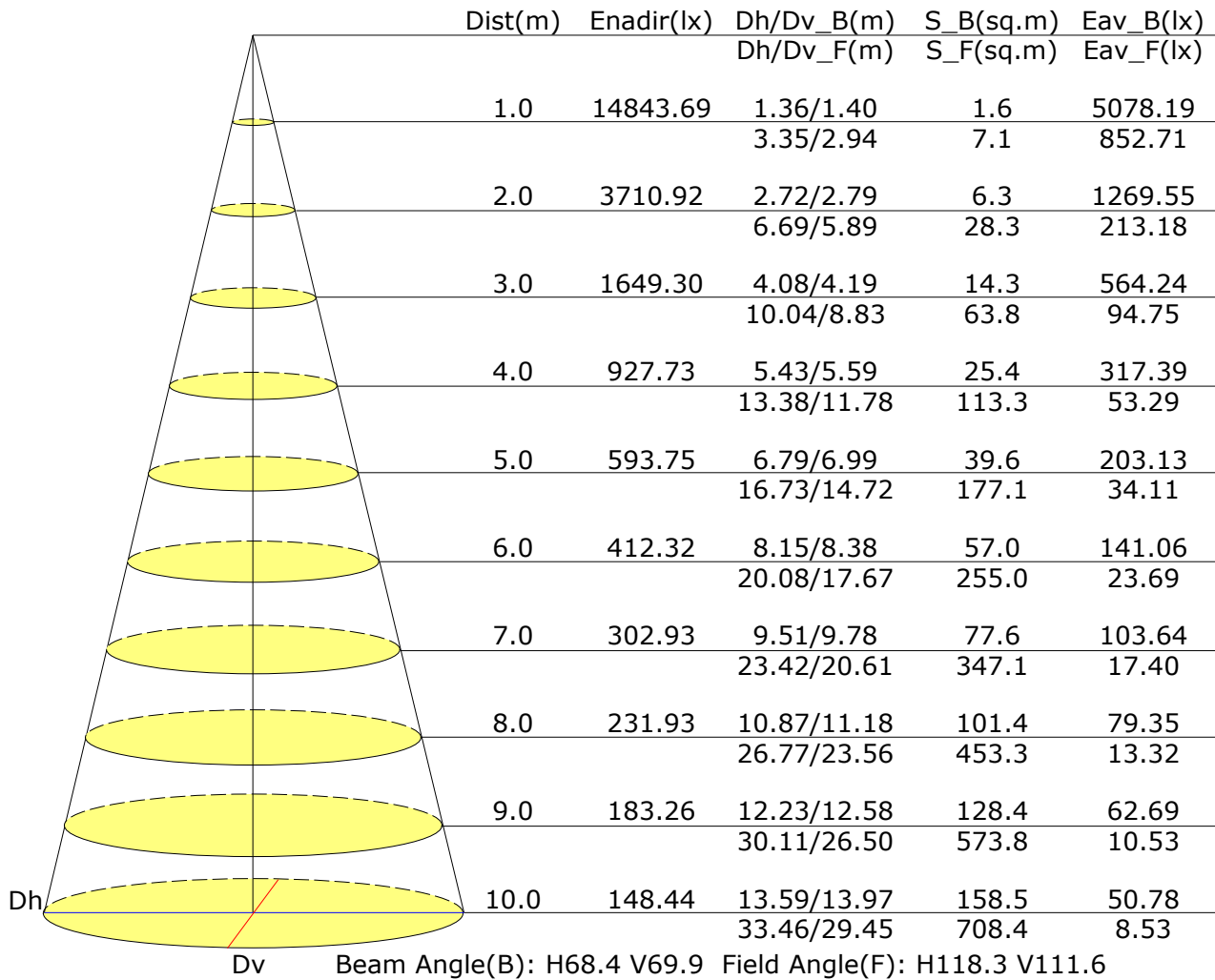
Test Device: GPM-3000

Distance: 14.631 m [K=1.0000]

Humidity:

Inspector:

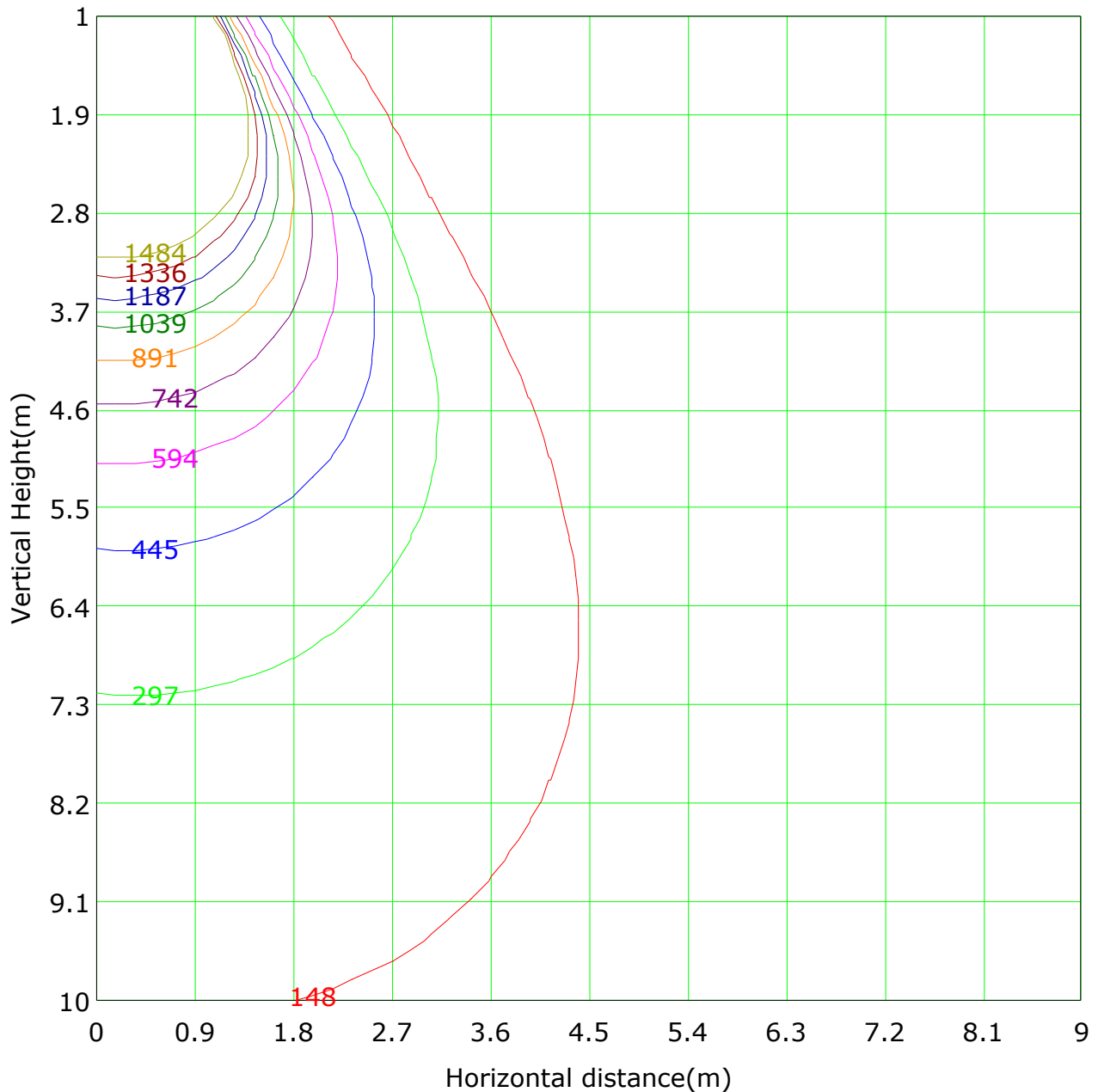
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 14843.7 lx
(1%): 148.4 lx	(2%): 296.9 lx	
(3%): 445.3 lx	(4%): 593.7 lx	
(5%): 742.2 lx	(6%): 890.6 lx	
(7%): 1039.1 lx	(8%): 1187.5 lx	
(9%): 1335.9 lx	(10%): 1484.4 lx	

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

Area Flux Table

Unit: lm

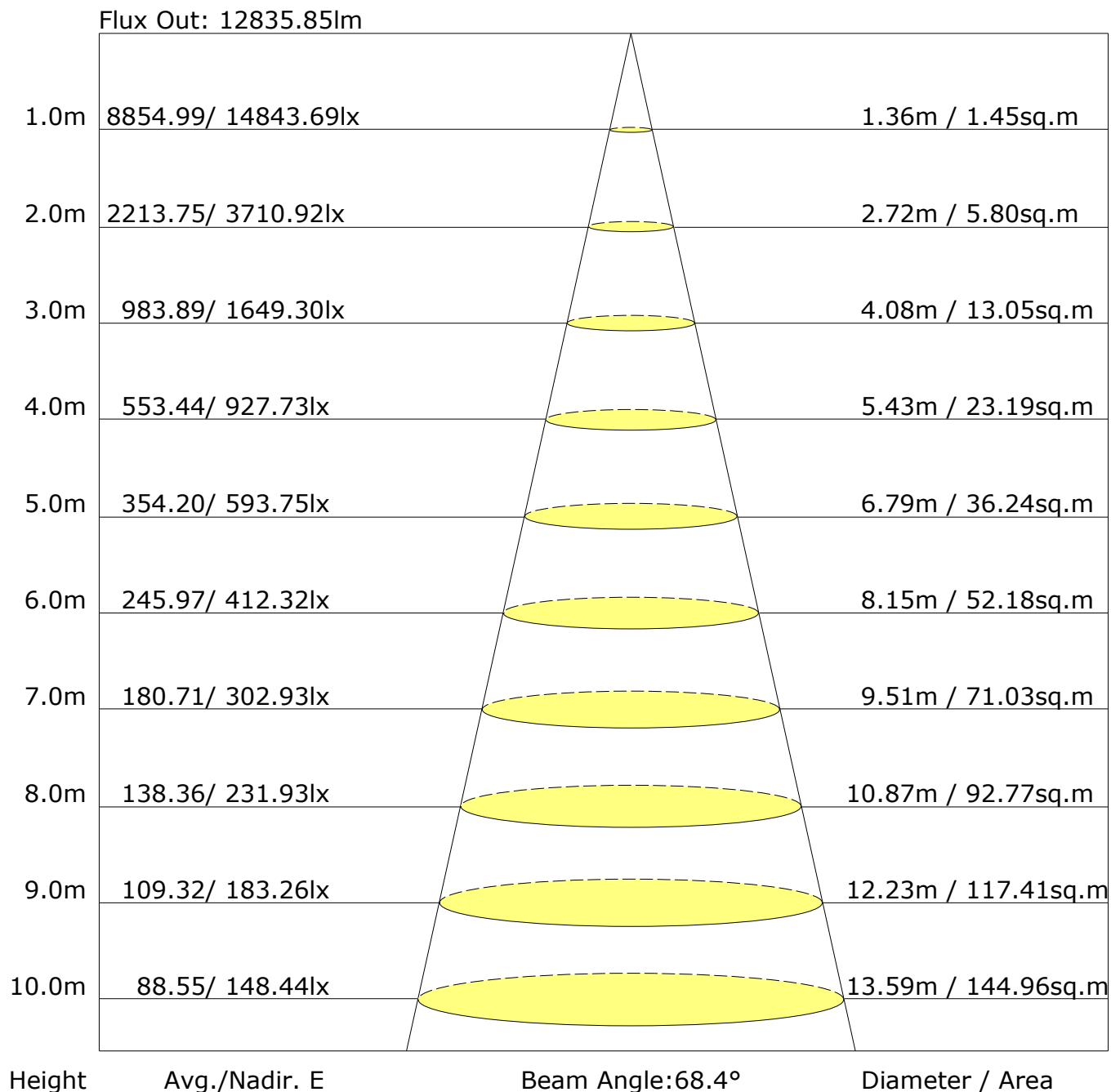
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)		0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1	0.0	8.7
Flux(E)		0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1	0.0	8.7
Flux(T)		1.1	27.4	122.8	295.2	520.4	1019.4	848.2	641.6	143.9	272.3	3005.2	327.6	376.1	581.8	230.0	94.5	29.3	2.0	20539
Flux(E)		0.0	0.0	15.3	183.7	405.9	905.3	741.2	540.0	47.3	176.8	910.2	231.1	275.7	468.7	67.2	0.0	0.0	0.0	18968

Horizontal plane

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

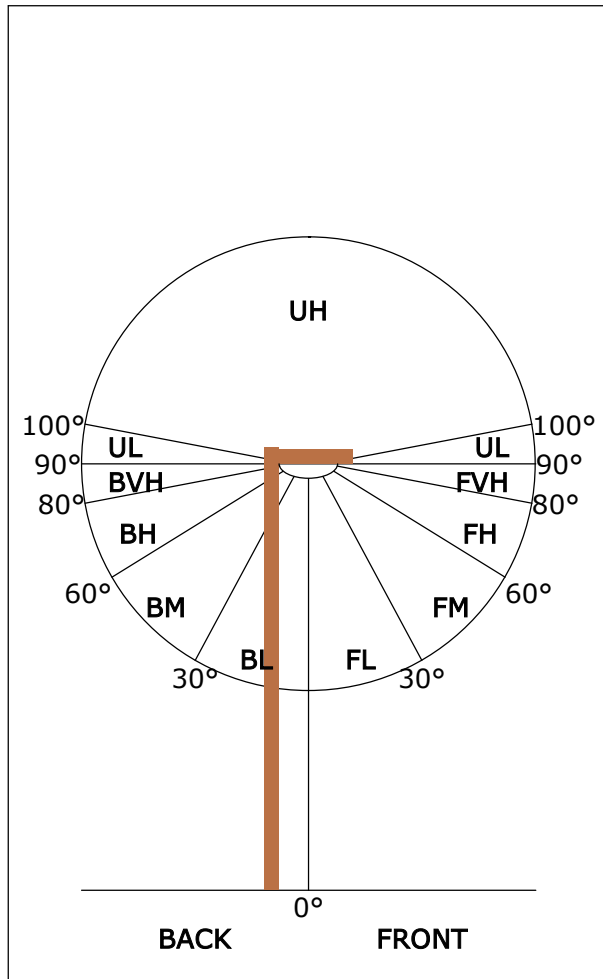
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



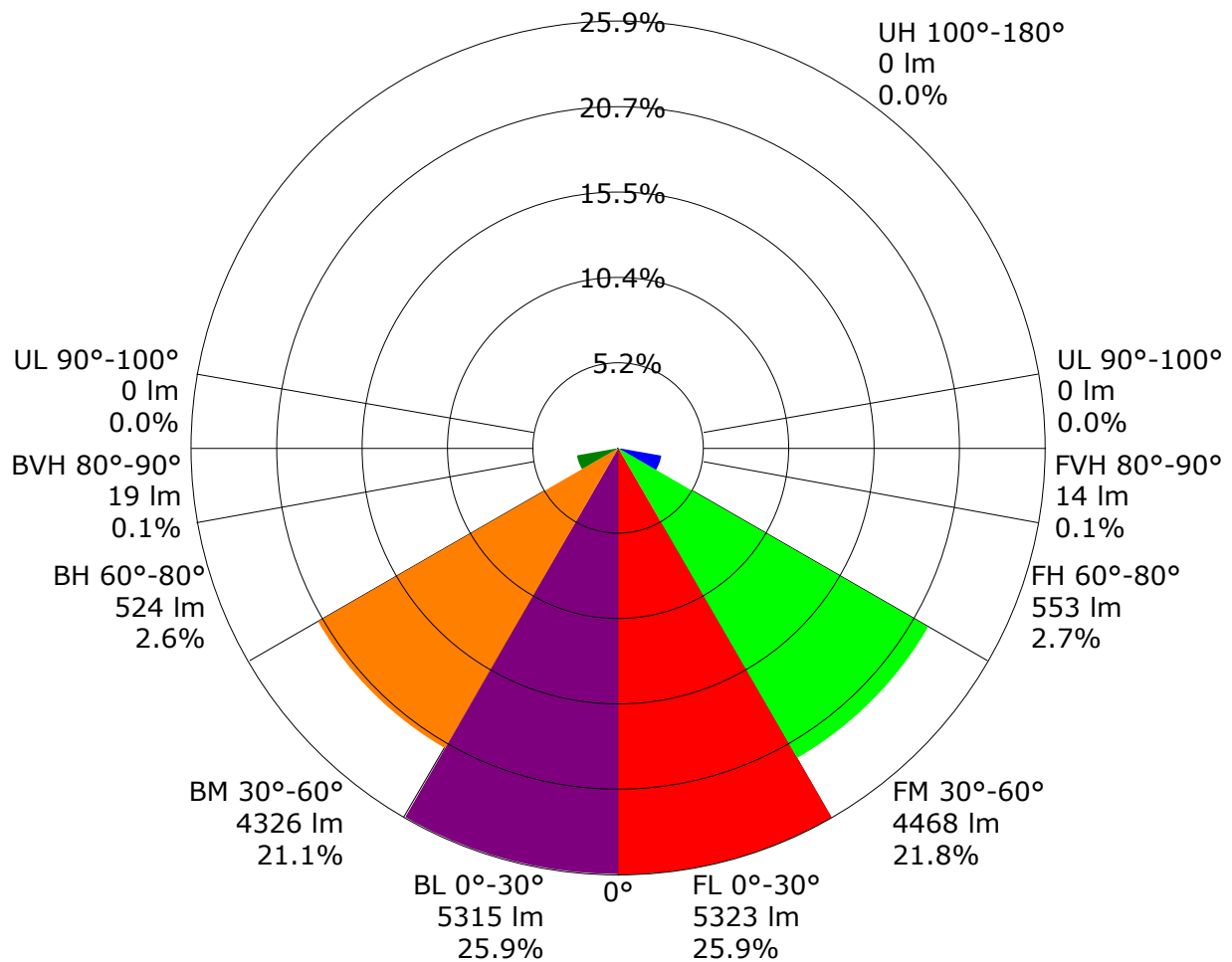
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	10358	50.4
FL (0°-30°)	5323	25.9
FM (30°-60°)	4468	21.8
FH (60°-80°)	553	2.7
FVH (80°-90°)	14	0.1
BACK LIGHT	10184	49.6
BL (0°-30°)	5315	25.9
BM (30°-60°)	4326	21.1
BH (60°-80°)	524	2.6
BVH (80°-90°)	19	0.1
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U0 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U0 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.631 m [K=1.0000]
Humidity:
Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00									
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	0.74	0.83	0.88	0.92	0.98	1.01	1.04	1.07	1.09	
	0.30		0.68	0.77	0.83	0.87	0.93	0.97	1.00	1.04	1.06	
	0.20		0.64	0.73	0.79	0.84	0.90	0.94	0.97	1.01	1.04	
0.50	0.50	0.20	0.73	0.81	0.86	0.90	0.95	0.98	1.00	1.03	1.04	
	0.30		0.67	0.76	0.82	0.86	0.91	0.95	0.97	1.00	1.02	
	0.20		0.64	0.72	0.78	0.82	0.88	0.92	0.95	0.99	1.01	
0.30	0.50	0.20	0.71	0.79	0.84	0.87	0.92	0.95	0.97	0.99	1.01	
	0.30		0.67	0.75	0.80	0.84	0.89	0.92	0.94	0.97	0.99	
	0.20		0.63	0.72	0.77	0.81	0.87	0.90	0.93	0.96	0.98	
0.00	0.00	0.00	0.61	0.69	0.75	0.78	0.83	0.86	0.89	0.91	0.93	
Rating:147W 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 = 1.00									
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	0.74	0.59	0.50	0.43	0.33	0.27	0.23	0.18	0.14	
	0.30		0.62	0.51	0.43	0.38	0.30	0.25	0.22	0.17	0.14	
	0.20		0.53	0.44	0.38	0.34	0.28	0.23	0.20	0.16	0.13	
0.50	0.50	0.20	0.71	0.56	0.47	0.40	0.31	0.30	0.22	0.17	0.13	
	0.30		0.60	0.49	0.42	0.36	0.29	0.24	0.20	0.16	0.13	
	0.20		0.52	0.43	0.37	0.33	0.26	0.22	0.19	0.15	0.12	
0.30	0.50	0.20	0.68	0.54	0.45	0.38	0.30	0.24	0.20	0.15	0.13	
	0.30		0.58	0.47	0.40	0.35	0.27	0.23	0.19	0.15	0.12	
	0.20		0.51	0.42	0.36	0.32	0.25	0.21	0.18	0.14	0.12	
0.00	0.00	0.00	0.39	0.31	0.26	0.22	0.17	0.14	0.12	0.09	0.07	
Rating:147W 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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.00									
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	0.14	0.16	0.17	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.19	
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.18	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	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19	
	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	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Rating:147W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	14841.3	14.2	14.2	0.07	0.07
1.0-2.0	14833.0	42.6	56.8	0.21	0.28
2.0-3.0	14817.8	70.9	127.7	0.35	0.62
3.0-4.0	14794.2	99.0	226.7	0.48	1.10
4.0-5.0	14761.8	127.0	353.7	0.62	1.72
5.0-6.0	14721.4	154.7	508.4	0.75	2.48
6.0-7.0	14672.2	182.1	690.6	0.89	3.36
7.0-8.0	14614.9	209.2	899.8	1.02	4.38
8.0-9.0	14549.7	235.8	1135.6	1.15	5.53
9.0-10.0	14475.6	262.0	1397.6	1.28	6.80
10.0-11.0	14391.0	287.6	1685.2	1.40	8.20
11.0-12.0	14295.4	312.5	1997.7	1.52	9.73
12.0-13.0	14190.0	336.8	2334.5	1.64	11.36
13.0-14.0	14074.1	360.3	2694.8	1.75	13.12
14.0-15.0	13948.1	383.0	3077.8	1.86	14.98
15.0-16.0	13810.3	404.7	3482.5	1.97	16.95
16.0-17.0	13659.1	425.4	3907.9	2.07	19.02
17.0-18.0	13493.9	445.0	4352.9	2.17	21.19
18.0-19.0	13313.7	463.3	4816.2	2.26	23.45
19.0-20.0	13115.7	480.1	5296.3	2.34	25.78
20.0-21.0	12902.5	495.5	5791.8	2.41	28.19
21.0-22.0	12671.9	509.3	6301.1	2.48	30.67
22.0-23.0	12421.0	521.3	6822.3	2.54	33.21
23.0-24.0	12152.2	531.4	7353.7	2.59	35.80
24.0-25.0	11865.0	539.6	7893.3	2.63	38.42
25.0-26.0	11556.1	545.6	8438.8	2.66	41.08
26.0-27.0	11231.3	549.6	8988.4	2.68	43.76
27.0-28.0	10891.0	551.5	9539.9	2.68	46.44
28.0-29.0	10525.5	550.8	10090.6	2.68	49.12
29.0-30.0	10137.7	547.4	10638.1	2.66	51.79
30.0-31.0	9732.9	541.7	11179.8	2.64	54.42
31.0-32.0	9305.4	533.2	11712.9	2.60	57.02
32.0-33.0	8852.1	521.6	12234.5	2.54	59.56
33.0-34.0	8387.7	507.7	12742.2	2.47	62.03
34.0-35.0	7909.1	491.3	13233.4	2.39	64.42
35.0-36.0	7411.3	472.0	13705.4	2.30	66.72

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	6903.3	450.3	14155.7	2.19	68.91
37.0-38.0	6398.3	427.1	14582.8	2.08	70.99
38.0-39.0	5904.7	403.1	14985.9	1.96	72.95
39.0-40.0	5424.5	378.4	15364.3	1.84	74.79
40.0-41.0	4963.1	353.5	15717.8	1.72	76.51
41.0-42.0	4526.4	328.9	16046.7	1.60	78.12
42.0-43.0	4123.3	305.5	16352.1	1.49	79.60
43.0-44.0	3755.8	283.5	16635.6	1.38	80.98
44.0-45.0	3423.8	263.2	16898.8	1.28	82.26
45.0-46.0	3130.9	244.9	17143.7	1.19	83.46
46.0-47.0	2876.0	228.8	17372.5	1.11	84.57
47.0-48.0	2652.8	214.5	17586.9	1.04	85.61
48.0-49.0	2457.5	201.8	17788.8	0.98	86.60
49.0-50.0	2285.4	190.6	17979.4	0.93	87.52
50.0-51.0	2132.0	180.4	18159.8	0.88	88.40
51.0-52.0	1994.8	171.2	18330.9	0.83	89.24
52.0-53.0	1872.0	162.9	18493.8	0.79	90.03
53.0-54.0	1759.8	155.1	18648.9	0.76	90.78
54.0-55.0	1654.6	147.7	18796.7	0.72	91.50
55.0-56.0	1556.5	140.7	18937.3	0.68	92.19
56.0-57.0	1463.8	133.9	19071.2	0.65	92.84
57.0-58.0	1373.4	127.0	19198.2	0.62	93.46
58.0-59.0	1286.3	120.3	19318.5	0.59	94.04
59.0-60.0	1202.4	113.6	19432.1	0.55	94.60
60.0-61.0	1120.7	107.0	19539.1	0.52	95.12
61.0-62.0	1041.3	100.4	19639.4	0.49	95.61
62.0-63.0	965.1	93.9	19733.3	0.46	96.06
63.0-64.0	893.6	87.7	19821.0	0.43	96.49
64.0-65.0	825.6	81.7	19902.7	0.40	96.89
65.0-66.0	759.3	75.8	19978.5	0.37	97.26
66.0-67.0	696.3	70.0	20048.5	0.34	97.60
67.0-68.0	635.4	64.4	20112.9	0.31	97.91
68.0-69.0	576.8	58.9	20171.7	0.29	98.20
69.0-70.0	522.2	53.6	20225.4	0.26	98.46
70.0-71.0	470.8	48.7	20274.0	0.24	98.69
71.0-72.0	419.2	43.6	20317.6	0.21	98.91

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	369.3	38.6	20356.2	0.19	99.09
73.0-74.0	323.2	34.0	20390.2	0.17	99.26
74.0-75.0	279.1	29.5	20419.7	0.14	99.40
75.0-76.0	238.1	25.3	20445.0	0.12	99.53
76.0-77.0	199.9	21.3	20466.3	0.10	99.63
77.0-78.0	164.7	17.6	20483.9	0.09	99.72
78.0-79.0	132.3	14.2	20498.2	0.07	99.79
79.0-80.0	103.6	11.2	20509.3	0.05	99.84
80.0-81.0	79.3	8.6	20517.9	0.04	99.88
81.0-82.0	59.6	6.5	20524.4	0.03	99.91
82.0-83.0	44.0	4.8	20529.2	0.02	99.94
83.0-84.0	32.2	3.5	20532.7	0.02	99.95
84.0-85.0	23.9	2.6	20535.3	0.01	99.97
85.0-86.0	17.4	1.9	20537.2	0.01	99.98
86.0-87.0	14.1	1.5	20538.7	0.01	99.98
87.0-88.0	12.8	1.4	20540.1	0.01	99.99
88.0-89.0	12.3	1.4	20541.5	0.01	100.00
89.0-90.0	6.5	0.7	20542.2	0.00	100.00
90.0-91.0	0.0	0.0	20542.2	0.00	100.00
91.0-92.0	0.0	0.0	20542.2	0.00	100.00
92.0-93.0	0.0	0.0	20542.2	0.00	100.00
93.0-94.0	0.0	0.0	20542.2	0.00	100.00
94.0-95.0	0.0	0.0	20542.2	0.00	100.00
95.0-96.0	0.0	0.0	20542.2	0.00	100.00
96.0-97.0	0.0	0.0	20542.2	0.00	100.00
97.0-98.0	0.0	0.0	20542.2	0.00	100.00
98.0-99.0	0.0	0.0	20542.2	0.00	100.00
99.0-100.0	0.0	0.0	20542.2	0.00	100.00
100.0-101.0	0.0	0.0	20542.2	0.00	100.00
101.0-102.0	0.0	0.0	20542.2	0.00	100.00
102.0-103.0	0.0	0.0	20542.2	0.00	100.00
103.0-104.0	0.0	0.0	20542.2	0.00	100.00
104.0-105.0	0.0	0.0	20542.2	0.00	100.00
105.0-106.0	0.0	0.0	20542.2	0.00	100.00
106.0-107.0	0.0	0.0	20542.2	0.00	100.00
107.0-108.0	0.0	0.0	20542.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	20542.2	0.00	100.00
109.0-110.0	0.0	0.0	20542.2	0.00	100.00
110.0-111.0	0.0	0.0	20542.2	0.00	100.00
111.0-112.0	0.0	0.0	20542.2	0.00	100.00
112.0-113.0	0.0	0.0	20542.2	0.00	100.00
113.0-114.0	0.0	0.0	20542.2	0.00	100.00
114.0-115.0	0.0	0.0	20542.2	0.00	100.00
115.0-116.0	0.0	0.0	20542.2	0.00	100.00
116.0-117.0	0.0	0.0	20542.2	0.00	100.00
117.0-118.0	0.0	0.0	20542.2	0.00	100.00
118.0-119.0	0.0	0.0	20542.2	0.00	100.00
119.0-120.0	0.0	0.0	20542.2	0.00	100.00
120.0-121.0	0.0	0.0	20542.2	0.00	100.00
121.0-122.0	0.0	0.0	20542.2	0.00	100.00
122.0-123.0	0.0	0.0	20542.2	0.00	100.00
123.0-124.0	0.0	0.0	20542.2	0.00	100.00
124.0-125.0	0.0	0.0	20542.2	0.00	100.00
125.0-126.0	0.0	0.0	20542.2	0.00	100.00
126.0-127.0	0.0	0.0	20542.2	0.00	100.00
127.0-128.0	0.0	0.0	20542.2	0.00	100.00
128.0-129.0	0.0	0.0	20542.2	0.00	100.00
129.0-130.0	0.0	0.0	20542.2	0.00	100.00
130.0-131.0	0.0	0.0	20542.2	0.00	100.00
131.0-132.0	0.0	0.0	20542.2	0.00	100.00
132.0-133.0	0.0	0.0	20542.2	0.00	100.00
133.0-134.0	0.0	0.0	20542.2	0.00	100.00
134.0-135.0	0.0	0.0	20542.2	0.00	100.00
135.0-136.0	0.0	0.0	20542.2	0.00	100.00
136.0-137.0	0.0	0.0	20542.2	0.00	100.00
137.0-138.0	0.0	0.0	20542.2	0.00	100.00
138.0-139.0	0.0	0.0	20542.2	0.00	100.00
139.0-140.0	0.0	0.0	20542.2	0.00	100.00
140.0-141.0	0.0	0.0	20542.2	0.00	100.00
141.0-142.0	0.0	0.0	20542.2	0.00	100.00
142.0-143.0	0.0	0.0	20542.2	0.00	100.00
143.0-144.0	0.0	0.0	20542.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	20542.2	0.00	100.00
145.0-146.0	0.0	0.0	20542.2	0.00	100.00
146.0-147.0	0.0	0.0	20542.2	0.00	100.00
147.0-148.0	0.0	0.0	20542.2	0.00	100.00
148.0-149.0	0.0	0.0	20542.2	0.00	100.00
149.0-150.0	0.0	0.0	20542.2	0.00	100.00
150.0-151.0	0.0	0.0	20542.2	0.00	100.00
151.0-152.0	0.0	0.0	20542.2	0.00	100.00
152.0-153.0	0.0	0.0	20542.2	0.00	100.00
153.0-154.0	0.0	0.0	20542.2	0.00	100.00
154.0-155.0	0.0	0.0	20542.2	0.00	100.00
155.0-156.0	0.0	0.0	20542.2	0.00	100.00
156.0-157.0	0.0	0.0	20542.2	0.00	100.00
157.0-158.0	0.0	0.0	20542.2	0.00	100.00
158.0-159.0	0.0	0.0	20542.2	0.00	100.00
159.0-160.0	0.0	0.0	20542.2	0.00	100.00
160.0-161.0	0.0	0.0	20542.2	0.00	100.00
161.0-162.0	0.0	0.0	20542.2	0.00	100.00
162.0-163.0	0.0	0.0	20542.2	0.00	100.00
163.0-164.0	0.0	0.0	20542.2	0.00	100.00
164.0-165.0	0.0	0.0	20542.2	0.00	100.00
165.0-166.0	0.0	0.0	20542.2	0.00	100.00
166.0-167.0	0.0	0.0	20542.2	0.00	100.00
167.0-168.0	0.0	0.0	20542.2	0.00	100.00
168.0-169.0	0.0	0.0	20542.2	0.00	100.00
169.0-170.0	0.0	0.0	20542.2	0.00	100.00
170.0-171.0	0.0	0.0	20542.2	0.00	100.00
171.0-172.0	0.0	0.0	20542.2	0.00	100.00
172.0-173.0	0.0	0.0	20542.2	0.00	100.00
173.0-174.0	0.0	0.0	20542.2	0.00	100.00
174.0-175.0	0.0	0.0	20542.2	0.00	100.00
175.0-176.0	0.0	0.0	20542.2	0.00	100.00
176.0-177.0	0.0	0.0	20542.2	0.00	100.00
177.0-178.0	0.0	0.0	20542.2	0.00	100.00
178.0-179.0	0.0	0.0	20542.2	0.00	100.00
179.0-180.0	0.0	0.0	20542.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 16898.81 lm

%lum = 82.3%

%lamp = 82.3%

cone flux(120°): 19432.09 lm

%lum = 94.6%

%lamp = 94.6%

PPID Data Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

PPID Data Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.631 m [K=1.0000]
 Humidity:
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	1.#J
L 0-180(75) av	1.#J
L 0-180(85) av	1.#J
L 90-270(65) av	1.#J
L 90-270(75) av	1.#J
L 90-270(85) av	1.#J
L 45(65) av	1.#J
L 45(75) av	1.#J
L 45(85) av	1.#J

Standard: GB/T 29293-2012