

Report No.: PKS190411002-10

Test Time: 2019-4-16 11:11

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Luminaire Description: DS7341RBLED

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 76.98 W

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.646 A

Power Factor: 0.992

Photometric Results

CIE Class: General Diffuse

Measurement Flux: 4409.3 lm

Downward Ratio: 48%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 359.0, 355.8, 358.0, 357.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 355.0, 184.4, 180.3, 176.4

Luminaire Efficacy Rating (LER): 57.33

Max. Intensity: 925.3 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 4409.3 lm

Efficiency: 100%

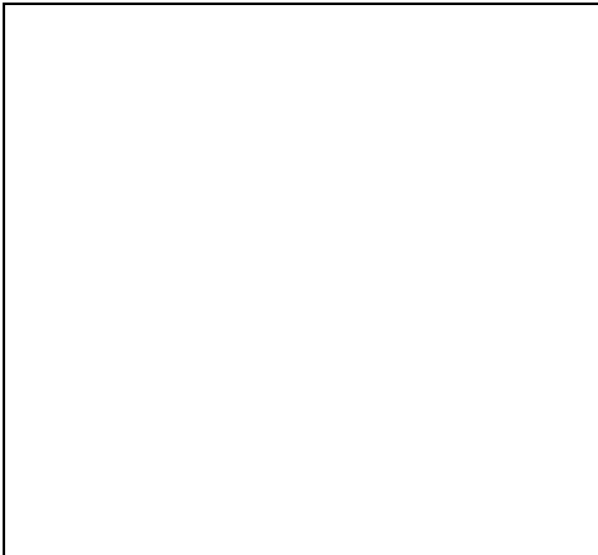
Upward Ratio: 52%

C0r0 Intensity: 270.2 cd

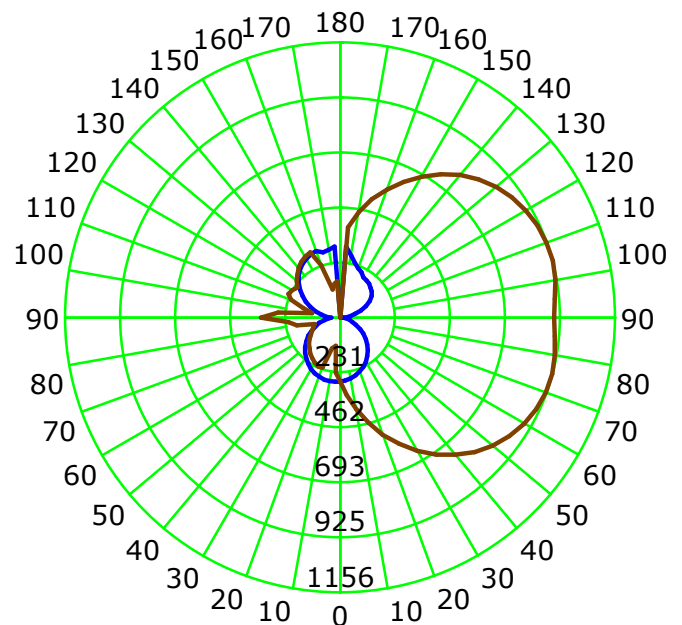
Pos of Max. Intensity: H90 V105

S/MH(C90/C270): 2.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 269.7°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab: Bacl

Test Type: TYPE C

Temperature: 25.3 °C

Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0

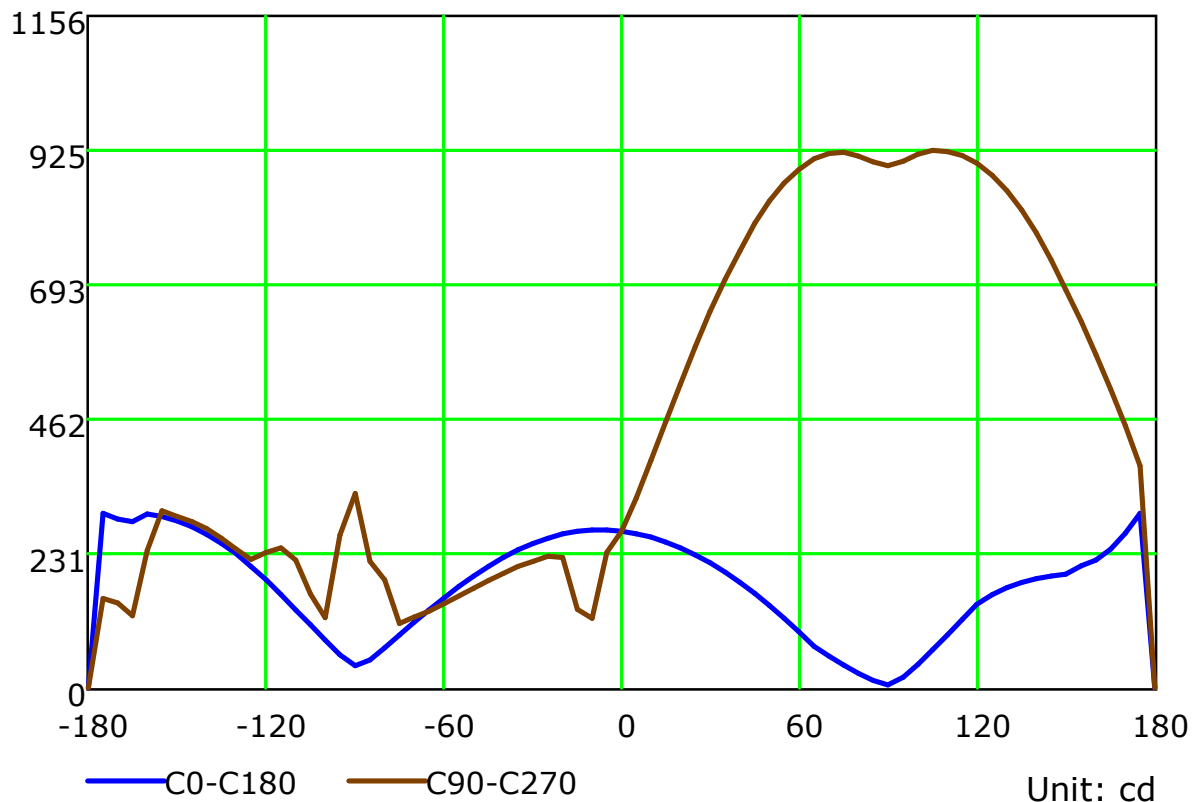
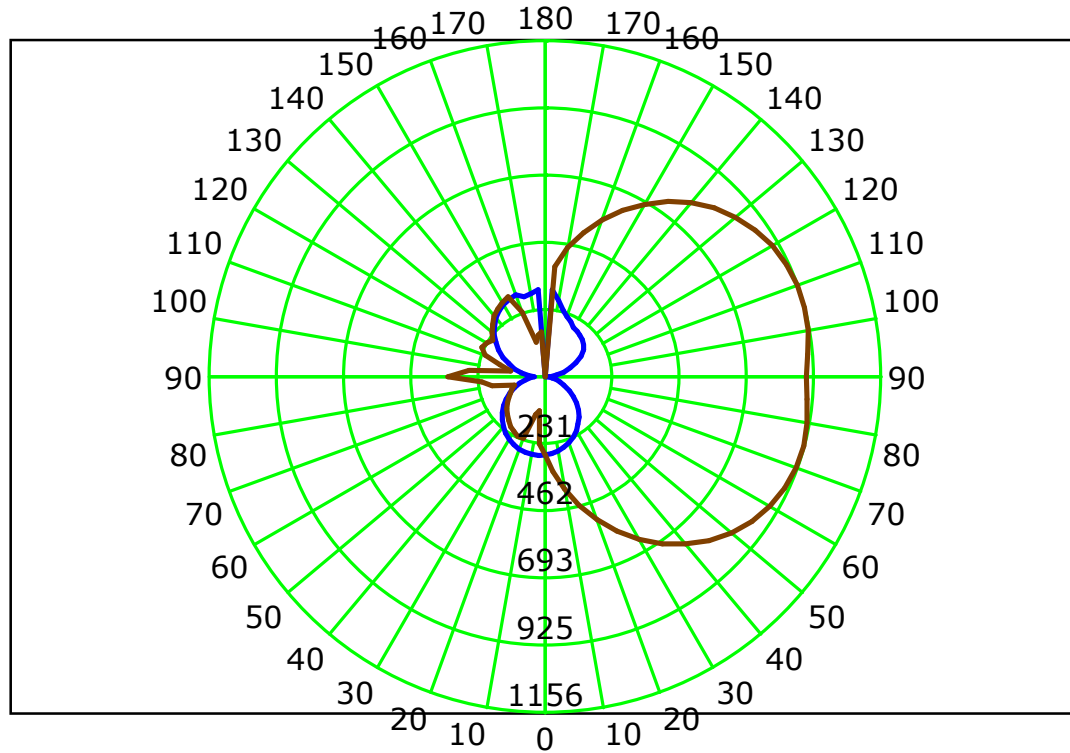
Test Device: GPM-3000

Distance: 14.073 m

Humidity: 48

Inspector:

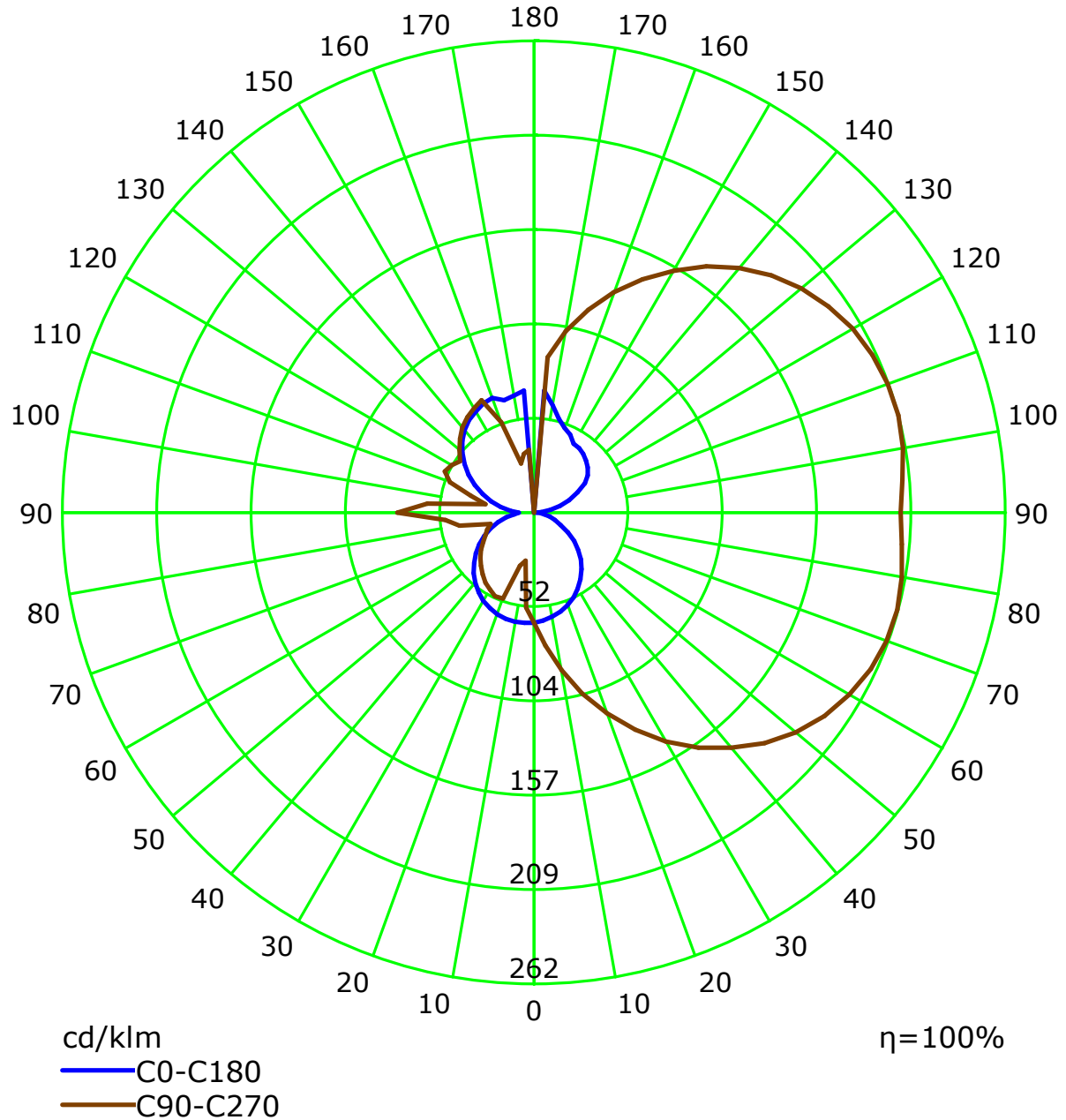
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



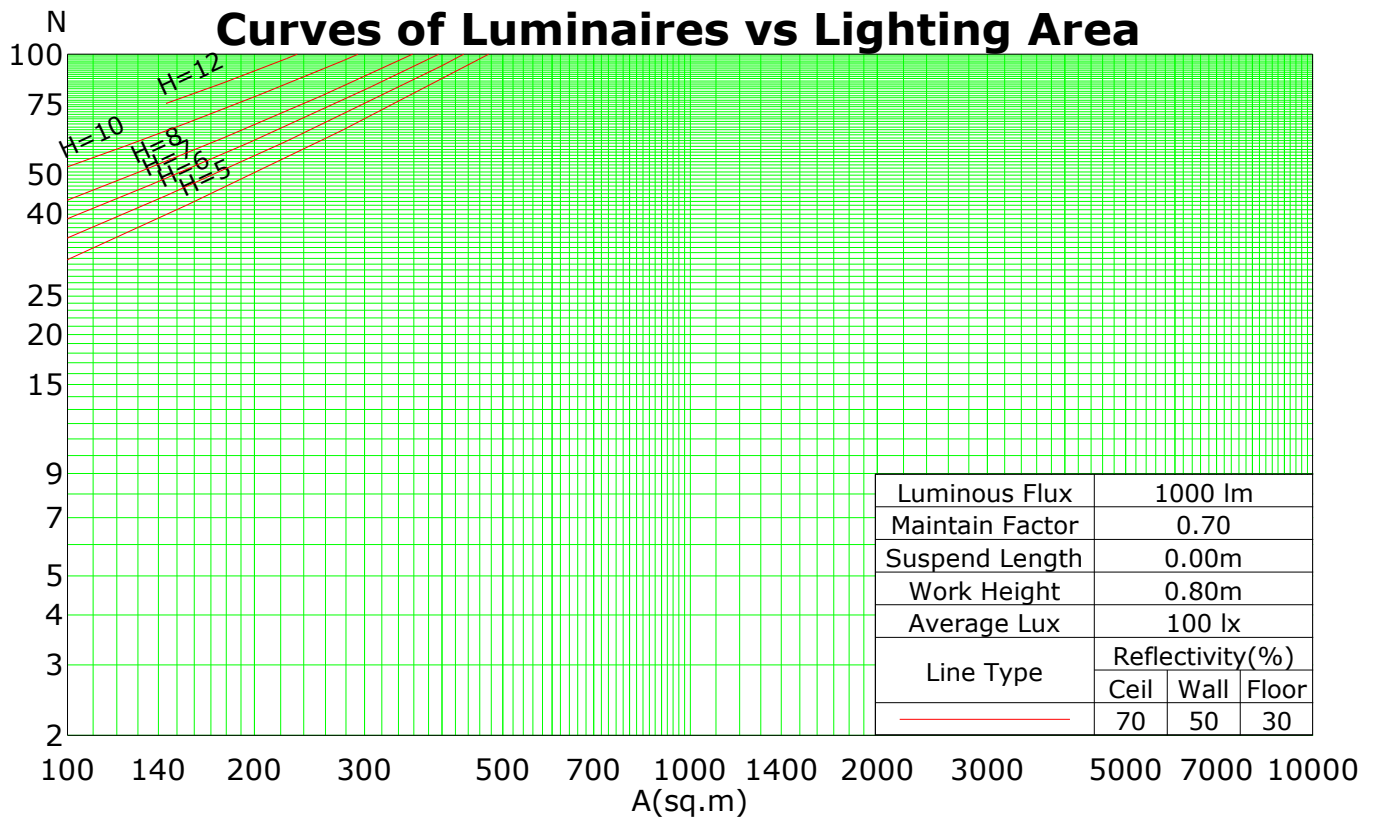
Coefficients Of Utilization - Zonal Cavity Method

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	1.07	1.07	1.07	1.07	.98	.98	.98	.98	.82	.82	.82	.68	.68	.68	.54	.54	.54	.48
1	.93	.87	.82	.77	.85	.80	.75	.71	.66	.62	.59	.53	.51	.48	.42	.40	.38	.32
2	.83	.74	.66	.60	.76	.68	.61	.55	.56	.50	.46	.45	.41	.37	.34	.31	.29	.24
3	.75	.64	.55	.48	.68	.58	.50	.44	.48	.42	.37	.38	.34	.30	.29	.26	.23	.18
4	.68	.56	.46	.39	.62	.51	.43	.36	.42	.35	.30	.33	.28	.24	.25	.22	.19	.15
5	.62	.49	.40	.33	.56	.45	.37	.30	.37	.30	.25	.29	.24	.20	.22	.19	.16	.12
6	.57	.44	.34	.28	.52	.40	.32	.26	.33	.26	.22	.26	.21	.17	.20	.16	.13	.10
7	.52	.39	.30	.24	.48	.36	.28	.22	.29	.23	.19	.24	.19	.15	.18	.14	.11	.09
8	.48	.35	.27	.21	.44	.32	.25	.19	.27	.21	.16	.21	.17	.13	.17	.13	.10	.07
9	.45	.32	.24	.18	.41	.29	.22	.17	.24	.18	.14	.20	.15	.11	.15	.11	.09	.07
10	.42	.29	.21	.16	.38	.27	.20	.15	.22	.16	.13	.18	.13	.10	.14	.10	.08	.06

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 2.37

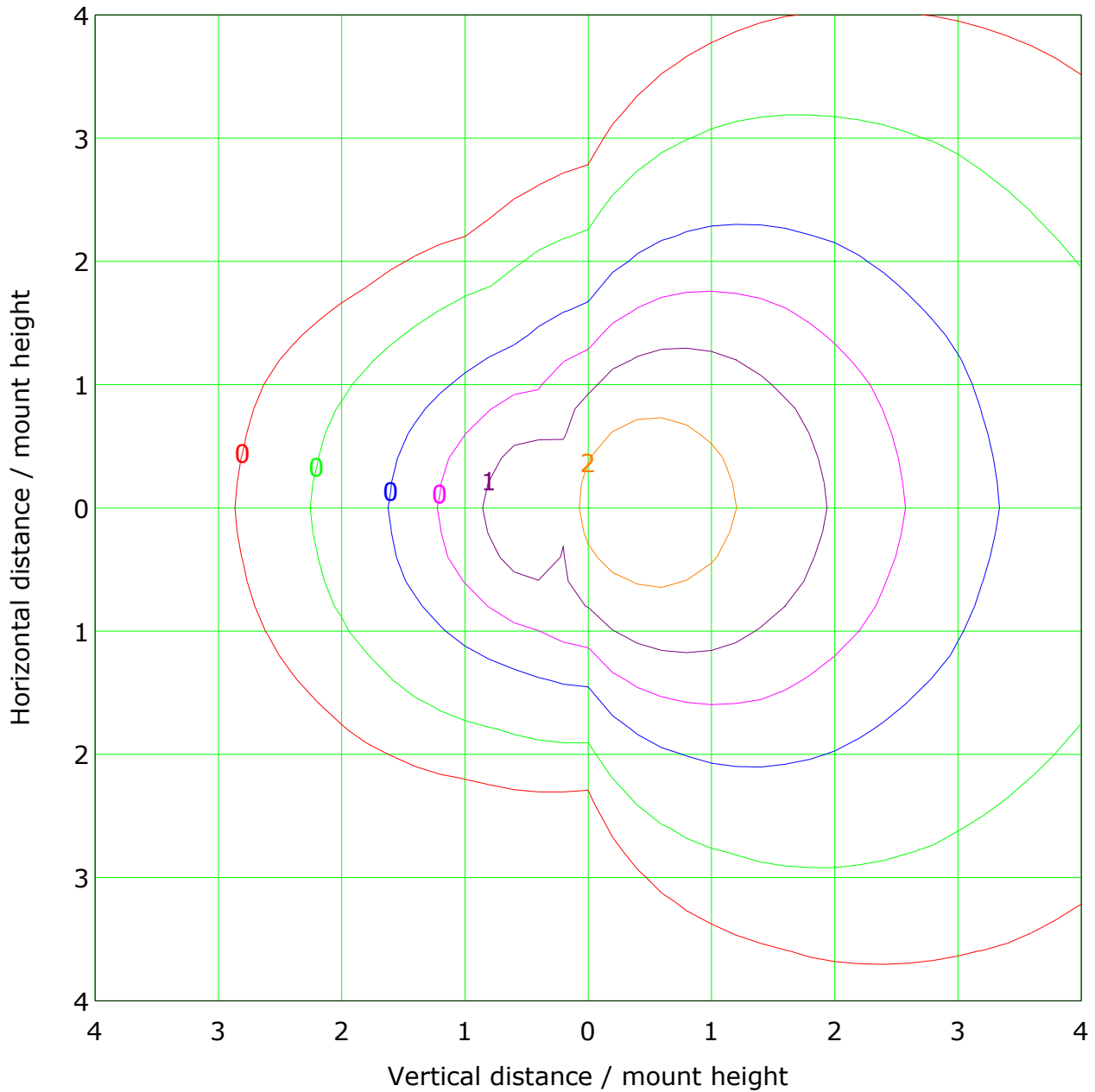
Spacing Criteria (Diagonal): 2.06



C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.4 lx

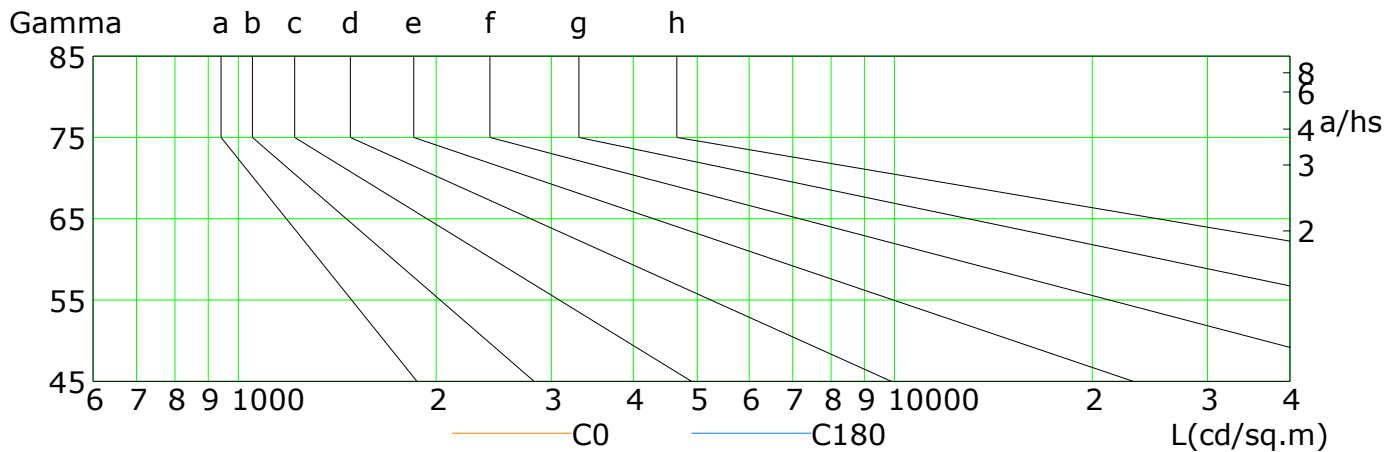
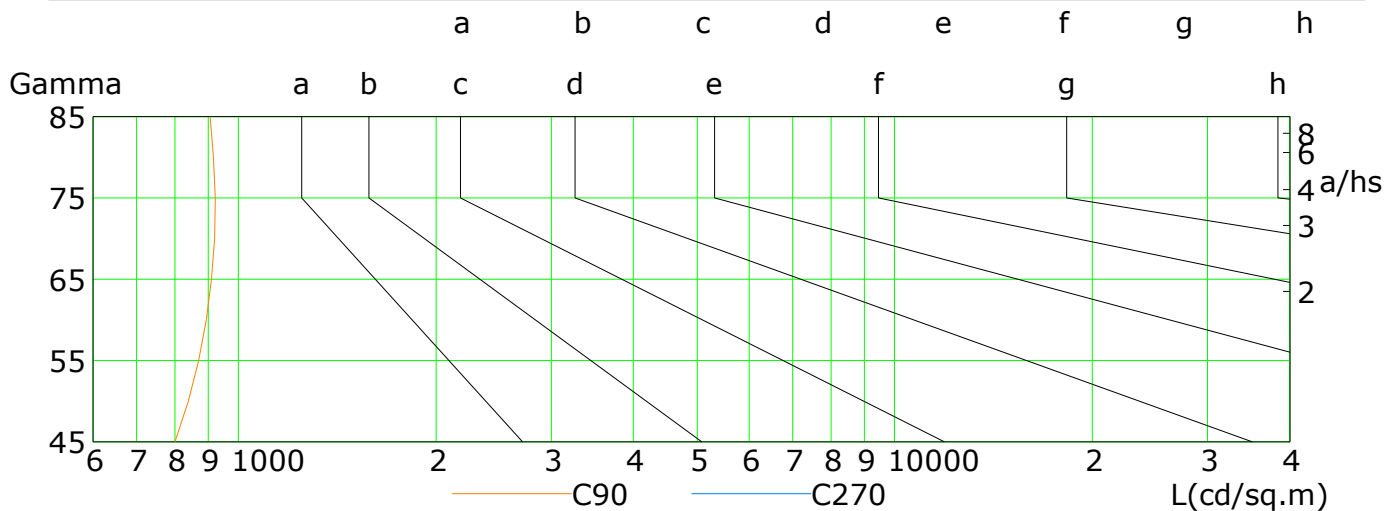
(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.2 lx	(10%): 0.4 lx
(20%): 0.9 lx	(50%): 2.2 lx

C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
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

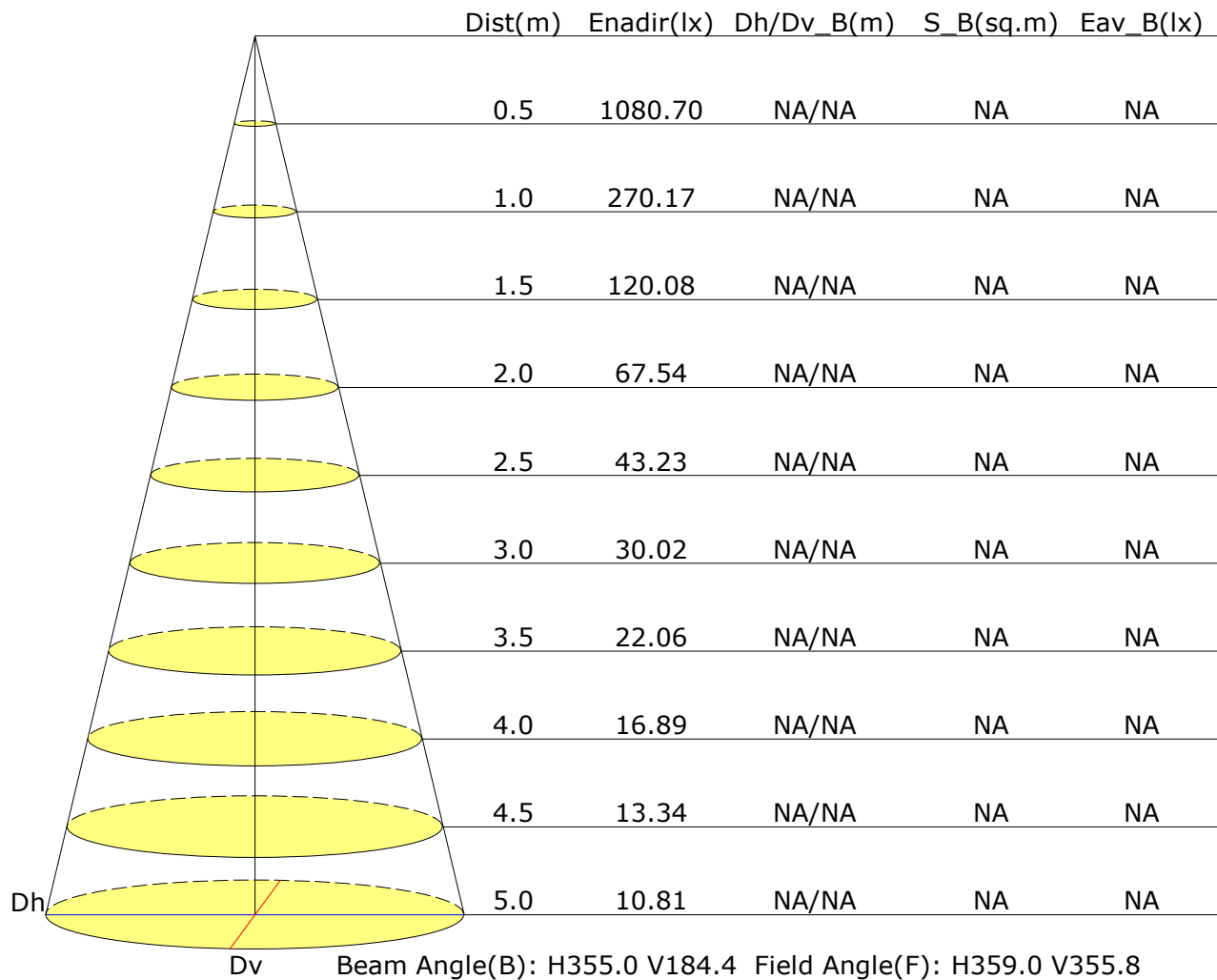


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	163	142	121	97	72	55	41	26	13
C90	800	839	870	893	911	920	922	916	906
C180	210	193	175	155	135	114	92	70	49
C270	185	173	159	146	132	123	111	187	219

C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

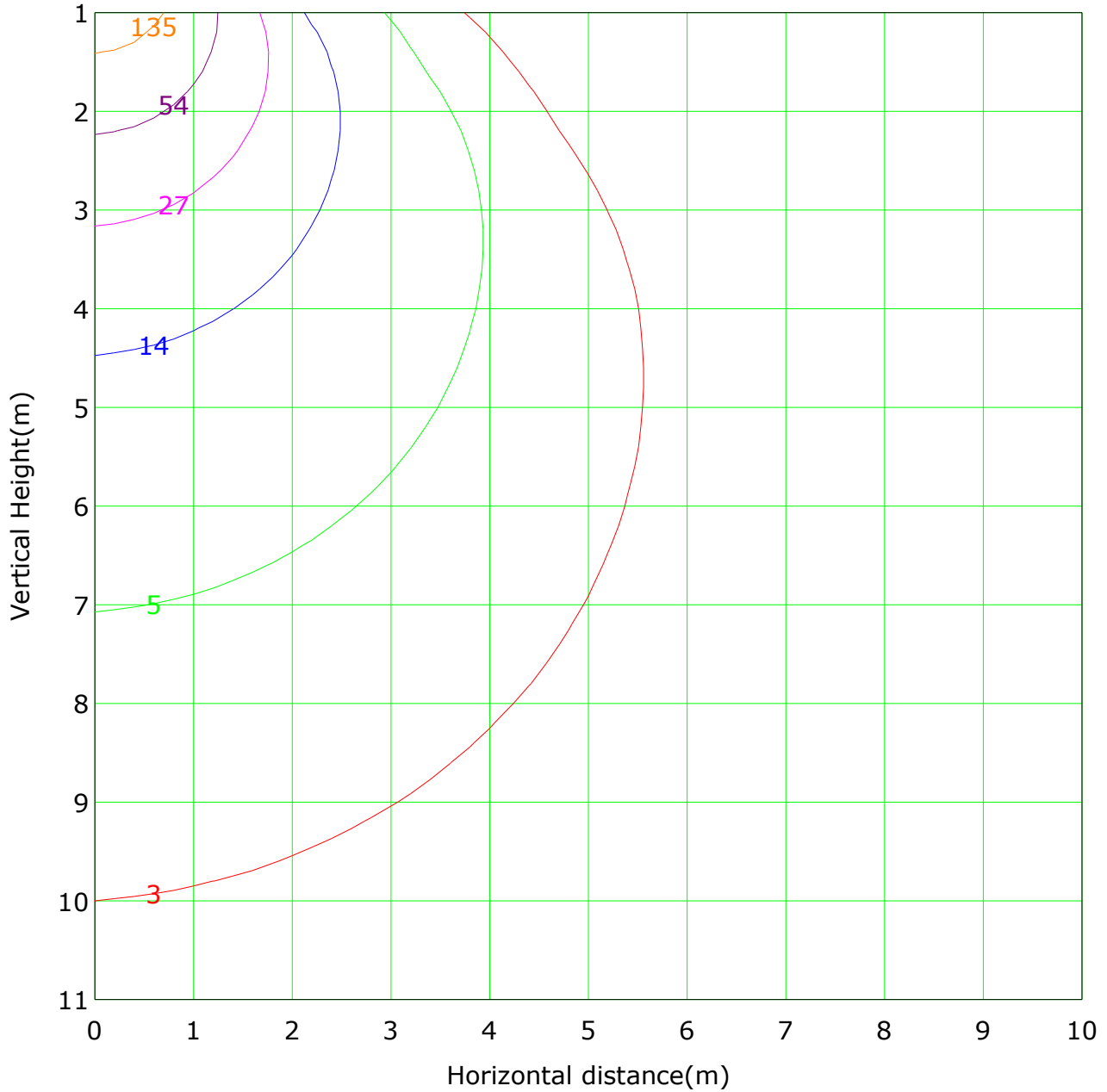
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

Vertical IsoLux Plot

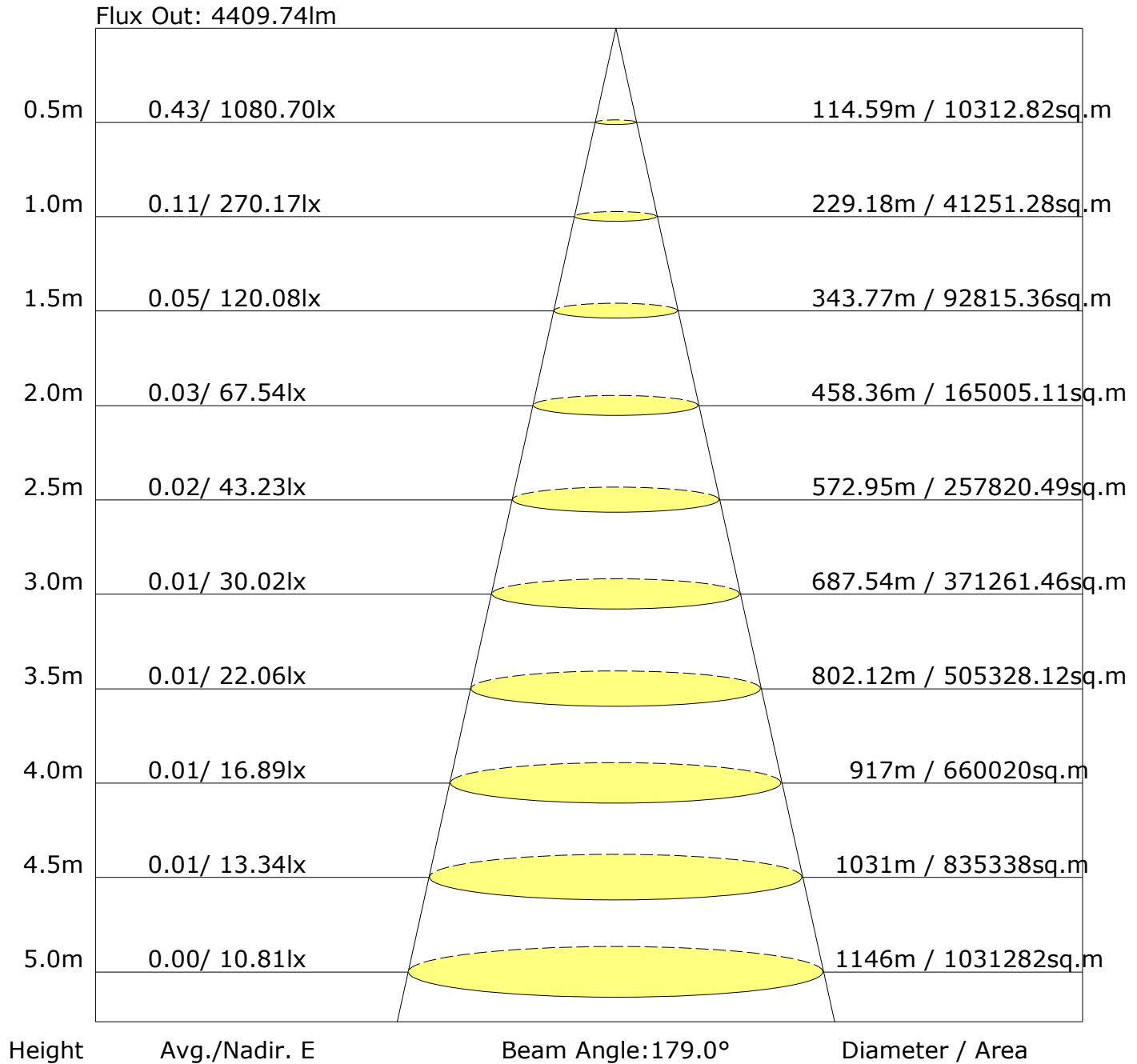


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 270.2 lx
 — (1%): 2.7 lx — (2%): 5.4 lx
 — (5%): 13.5 lx — (10%): 27.0 lx
 — (20%): 54.0 lx — (50%): 135.1 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 25.3 'C
 Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
 Test Device: GPM-3000
 Distance: 14.073 m
 Humidity: 48
 Inspector:

The Average Illuminance Effective Figure



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	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 4409lm ($8\log(F/F_0) = 5.2$).

C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 2.00									
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	NA	0.47	0.53	0.58	0.65	0.69	0.73	0.77	0.81	
	0.30		NA	0.40	0.45	0.50	0.58	0.63	0.67	0.72	0.76	
	0.20		NA	0.34	0.39	0.44	0.52	0.57	0.62	0.68	0.72	
0.50	0.50	0.20	NA	0.40	0.44	0.48	0.53	0.57	0.60	0.64	0.67	
	0.30		NA	0.33	0.38	0.42	0.48	0.52	0.56	0.60	0.63	
	0.20		NA	0.30	0.33	0.37	0.44	0.48	0.52	0.57	0.60	
0.30	0.50	0.20	NA	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.54	
	0.30		NA	0.27	0.31	0.34	0.39	0.43	0.45	0.49	0.52	
	0.20		NA	0.24	0.27	0.31	0.36	0.40	0.42	0.46	0.49	
0.00	0.00	0.00	NA	0.16	0.18	0.20	0.24	0.26	0.28	0.31	0.33	
Rating:77W 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 = 2.00									
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	NA	0.83	0.73	0.66	0.54	0.46	0.41	0.33	0.28	
	0.30		NA	0.71	0.64	0.58	0.49	0.43	0.38	0.31	0.27	
	0.20		NA	0.62	0.57	0.52	0.45	0.39	0.35	0.29	0.25	
0.50	0.50	0.20	NA	0.71	0.63	0.56	0.47	0.41	0.35	0.29	0.24	
	0.30		NA	0.61	0.55	0.50	0.43	0.37	0.33	0.27	0.23	
	0.20		NA	0.54	0.50	0.46	0.39	0.35	0.31	0.26	0.22	
0.30	0.50	0.20	NA	0.59	0.53	0.48	0.40	0.34	0.30	0.25	0.21	
	0.30		NA	0.52	0.48	0.43	0.37	0.32	0.29	0.24	0.20	
	0.20		NA	0.47	0.43	0.40	0.34	0.30	0.27	0.23	0.20	
0.00	0.00	0.00	0.48	0.32	0.30	0.28	0.24	0.22	0.20	0.17	0.15	
Rating:77W 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 = 2.00									
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	NA	0.68	0.69	0.69	0.70	0.71	0.71	0.71	0.71	
	0.30		NA	0.62	0.63	0.63	0.65	0.66	0.66	0.67	0.68	
	0.20		NA	0.57	0.58	0.59	0.60	0.61	0.62	0.64	0.65	
0.50	0.50	0.20	NA	0.66	0.66	0.67	0.67	0.68	0.68	0.68	0.68	
	0.30		NA	0.60	0.61	0.62	0.63	0.64	0.64	0.65	0.66	
	0.20		NA	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	
0.30	0.50	0.20	NA	0.63	0.64	0.64	0.65	0.65	0.65	0.65	0.66	
	0.30		NA	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.63	
	0.20		NA	0.55	0.56	0.57	0.58	0.59	0.59	0.60	0.61	
0.00	0.00	0.00	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	
Rating:77W 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 [%]
0.0-5.0	273.2	6.5	6.5	0.15	0.15
5.0-10.0	271.4	19.4	25.9	0.44	0.59
10.0-15.0	268.1	31.8	57.8	0.72	1.31
15.0-20.0	283.6	46.7	104.5	1.06	2.37
20.0-25.0	307.5	64.5	169.0	1.46	3.83
25.0-30.0	323.8	82.0	250.9	1.86	5.69
30.0-35.0	336.2	99.0	349.9	2.25	7.94
35.0-40.0	346.5	115.6	465.6	2.62	10.56
40.0-45.0	353.7	131.0	596.5	2.97	13.53
45.0-50.0	357.3	144.4	740.9	3.27	16.80
50.0-55.0	357.0	155.2	896.2	3.52	20.32
55.0-60.0	353.5	163.4	1059.6	3.71	24.03
60.0-65.0	347.4	168.9	1228.5	3.83	27.86
65.0-70.0	339.8	172.1	1400.6	3.90	31.76
70.0-75.0	331.0	173.1	1573.7	3.92	35.69
75.0-80.0	325.1	174.0	1747.6	3.95	39.63
80.0-85.0	326.6	177.5	1925.1	4.03	43.66
85.0-90.0	343.8	188.3	2113.4	4.27	47.93
90.0-95.0	344.8	188.8	2302.3	4.28	52.21
95.0-100.0	331.1	179.9	2482.2	4.08	56.29
100.0-105.0	343.7	184.0	2666.2	4.17	60.47
105.0-110.0	366.5	191.6	2857.7	4.34	64.81
110.0-115.0	381.0	192.9	3050.7	4.38	69.19
115.0-120.0	387.9	188.6	3239.2	4.28	73.46
120.0-125.0	392.2	181.3	3420.6	4.11	77.58
125.0-130.0	395.7	172.1	3592.6	3.90	81.48
130.0-135.0	397.0	160.4	3753.1	3.64	85.12
135.0-140.0	394.8	146.2	3899.3	3.32	88.43
140.0-145.0	387.8	129.4	4028.7	2.93	91.37
145.0-150.0	376.1	110.8	4139.4	2.51	93.88
150.0-155.0	360.3	91.2	4230.6	2.07	95.95
155.0-160.0	333.4	69.9	4300.6	1.59	97.53
160.0-165.0	303.5	50.0	4350.6	1.13	98.67
165.0-170.0	292.6	34.7	4385.3	0.79	99.46
170.0-175.0	288.4	20.6	4405.9	0.47	99.92
175.0-180.0	141.4	3.4	4409.3	0.08	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 25.3 'C
 Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
 Test Device: GPM-3000
 Distance: 14.073 m
 Humidity: 48
 Inspector:

Candlepower 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	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2
G5.0	265.9	284.0	304.1	319.2	327.8	324.3	311.4	293.2	272.5	259.5
G10.0	260.0	298.9	342.6	374.3	392.5	384.7	357.3	317.7	272.2	247.7
G15.0	251.9	312.3	380.2	431.4	459.3	445.9	402.2	341.3	270.2	229.4
G20.0	242.0	323.0	416.2	487.4	524.3	505.2	446.6	361.8	265.5	199.3
G25.0	229.7	331.4	448.9	538.9	587.3	563.2	488.4	380.1	258.8	149.9
G30.0	215.9	337.1	479.7	588.4	647.9	617.5	526.9	394.8	250.0	109.3
G35.0	199.7	340.2	507.5	635.0	704.2	669.5	561.8	406.9	238.5	98.1
G40.0	182.1	340.4	530.3	677.0	753.4	715.6	593.1	416.0	225.0	104.7
G45.0	163.0	338.5	549.8	713.5	799.9	755.2	619.8	422.3	209.9	129.2
G50.0	142.5	334.4	564.8	744.3	838.7	791.1	641.1	424.9	193.3	132.2
G55.0	120.9	327.5	575.3	768.7	869.7	819.1	658.3	424.5	175.1	118.4
G60.0	97.1	318.1	580.3	788.3	893.1	841.4	669.5	420.4	155.4	101.5
G65.0	72.3	305.6	579.9	799.5	911.0	854.0	676.2	412.9	134.9	85.6
G70.0	55.2	291.2	576.9	805.2	920.1	861.1	676.8	402.4	113.8	68.5
G75.0	40.7	274.4	570.2	801.9	922.1	861.4	672.1	389.0	92.1	53.5
G80.0	26.4	255.8	558.4	793.8	916.4	854.9	660.1	371.4	70.1	41.1
G85.0	13.3	235.0	542.2	780.3	905.5	841.9	645.3	351.5	49.1	38.0
G90.0	6.2	223.2	534.3	775.4	899.5	835.1	637.8	341.8	38.8	50.2
G95.0	19.1	239.0	548.9	787.2	907.2	843.4	648.6	358.1	58.3	43.4
G100.0	41.6	262.9	569.0	804.7	919.5	857.8	666.0	381.1	83.1	76.6
G105.0	66.5	285.6	585.7	816.5	925.3	865.9	678.9	401.7	109.6	77.0
G110.0	91.7	306.0	596.9	821.0	923.8	869.7	687.3	418.0	135.3	100.1
G115.0	118.9	324.6	603.8	819.9	916.5	866.4	690.1	432.0	161.5	118.7
G120.0	144.5	341.6	606.6	811.1	903.4	854.9	688.4	442.9	186.3	139.2
G125.0	161.6	356.4	604.6	796.9	882.5	837.6	680.5	449.8	209.6	160.5
G130.0	173.1	368.2	598.0	775.0	856.8	812.7	667.5	452.2	231.3	145.8
G135.0	182.0	377.3	587.6	749.5	822.9	782.1	649.1	451.5	249.0	113.4
G140.0	188.5	384.1	572.1	717.5	783.4	745.3	626.7	442.6	265.2	106.1
G145.0	193.3	388.1	553.5	679.3	737.5	704.4	597.4	411.6	278.2	131.1
G150.0	196.5	389.0	530.2	637.6	685.9	656.6	555.7	383.3	287.5	172.4
G155.0	211.4	386.4	504.7	590.8	632.1	605.7	486.2	373.8	296.1	211.7
G160.0	221.1	379.1	475.3	541.2	574.9	547.6	425.2	340.0	300.2	227.6
G165.0	239.4	343.2	442.0	490.6	515.4	478.6	366.7	316.1	286.5	239.0
G170.0	267.5	328.0	369.6	436.4	452.4	373.8	326.3	296.2	291.5	262.1
G175.0	301.3	316.1	327.9	316.6	382.5	259.0	296.4	303.3	301.0	295.9
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: Bacl
 Test Type: TYPE C
 Temperature: 25.3 'C
 Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
 Test Device: GPM-3000
 Distance: 14.073 m
 Humidity: 48
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	270.2	270.2	270.2	270.2	270.2	270.2	270.2			
G5.0	249.4	239.3	234.1	237.1	245.3	254.1	265.9			
G10.0	207.1	143.5	120.2	128.4	181.5	234.5	260.0			
G15.0	119.0	115.2	136.2	123.3	102.6	194.7	251.9			
G20.0	106.4	196.5	225.3	213.8	125.2	120.8	242.0			
G25.0	156.0	218.1	227.7	221.8	194.7	84.5	229.7			
G30.0	190.5	209.0	218.4	212.2	197.1	87.4	215.9			
G35.0	183.7	198.7	209.8	203.1	186.4	131.9	199.7			
G40.0	170.7	188.1	197.9	191.3	175.2	153.0	182.1			
G45.0	158.2	175.5	185.4	178.3	162.7	143.1	163.0			
G50.0	143.1	162.1	172.7	165.5	148.7	128.9	142.5			
G55.0	127.8	148.4	159.4	151.9	134.3	114.9	120.9			
G60.0	112.5	135.7	145.5	138.2	121.3	99.6	97.1			
G65.0	98.4	121.9	132.4	124.0	108.0	83.2	72.3			
G70.0	83.9	116.5	122.9	115.0	96.3	69.6	55.2			
G75.0	78.2	105.0	111.5	104.8	86.5	54.6	40.7			
G80.0	65.7	122.9	186.5	139.1	75.5	45.9	26.4			
G85.0	111.3	177.8	219.0	183.4	130.7	43.7	13.3			
G90.0	171.6	278.0	335.8	296.7	222.5	88.4	6.2			
G95.0	69.1	159.6	264.0	224.4	90.0	39.8	19.1			
G100.0	94.1	114.6	121.6	114.2	98.0	91.2	41.6			
G105.0	154.7	159.2	162.0	153.6	149.6	111.9	66.5			
G110.0	154.3	210.3	221.0	208.9	177.1	102.1	91.7			
G115.0	141.0	209.4	241.7	223.1	175.3	124.2	118.9			
G120.0	161.3	200.4	233.9	218.3	167.7	144.3	144.5			
G125.0	181.6	204.6	221.8	209.2	187.2	160.9	161.6			
G130.0	199.9	223.8	239.3	227.6	206.2	179.7	173.1			
G135.0	214.2	241.7	257.9	245.0	224.0	198.4	182.0			
G140.0	227.4	258.0	274.6	261.5	236.0	199.5	188.5			
G145.0	235.3	267.9	286.6	272.5	250.2	135.0	193.3			
G150.0	191.3	274.9	296.0	283.3	264.0	107.9	196.5			
G155.0	117.6	260.9	305.4	293.9	205.9	134.3	211.4			
G160.0	108.2	132.5	237.1	207.2	126.7	208.7	221.1			
G165.0	193.6	106.2	124.9	125.8	166.0	226.3	239.4			
G170.0	249.6	198.7	147.2	231.7	229.6	242.7	267.5			
G175.0	285.9	251.1	155.2	208.2	252.3	273.1	301.3			
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: Bacl
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Temperature: 25.3 'C
Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector: