

Report No.: PKS190411002-10

Test Time: 2019-4-16 12:51

Luminaire Property

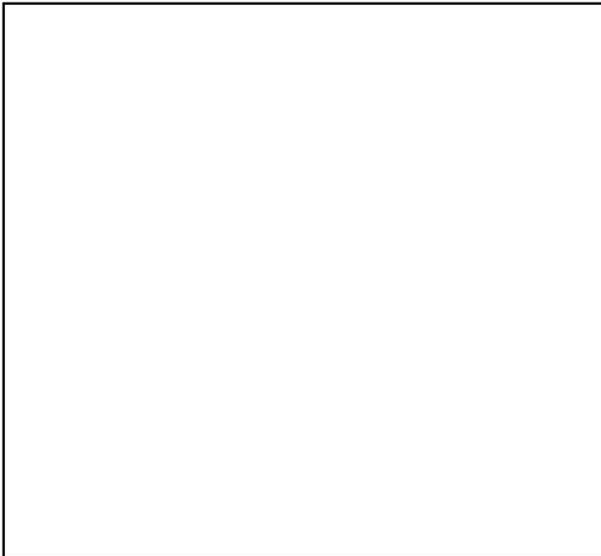
Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: DS7241DGLED
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 76.70 W

Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.644 A
Power Factor: 0.992

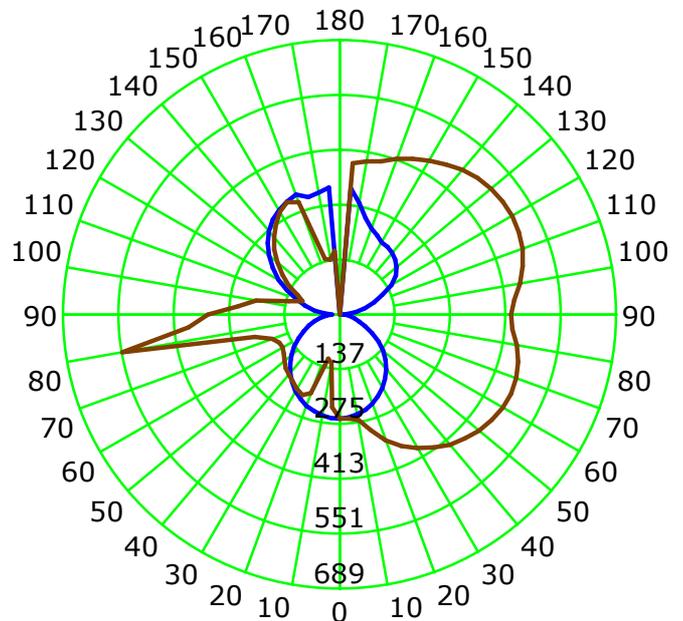
Photometric Results

CIE Class: General Diffuse	Total Rated Lamp Lumens: 3020.8 lm
Measurement Flux: 3020.8 lm	Efficiency: 100%
Downward Ratio: 48%	Upward Ratio: 52%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 359.0, 357.6, 358.8, 358.6	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 355.0, 337.2, 354.1, 352.9	
Luminaire Efficacy Rating (LER): 39.44	C0r0 Intensity: 261.5 cd
Max. Intensity: 551.6 cd	Pos of Max. Intensity: H270 V80
S/MH(C0/C180): 1.24	S/MH(C90/C270): 1.78

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

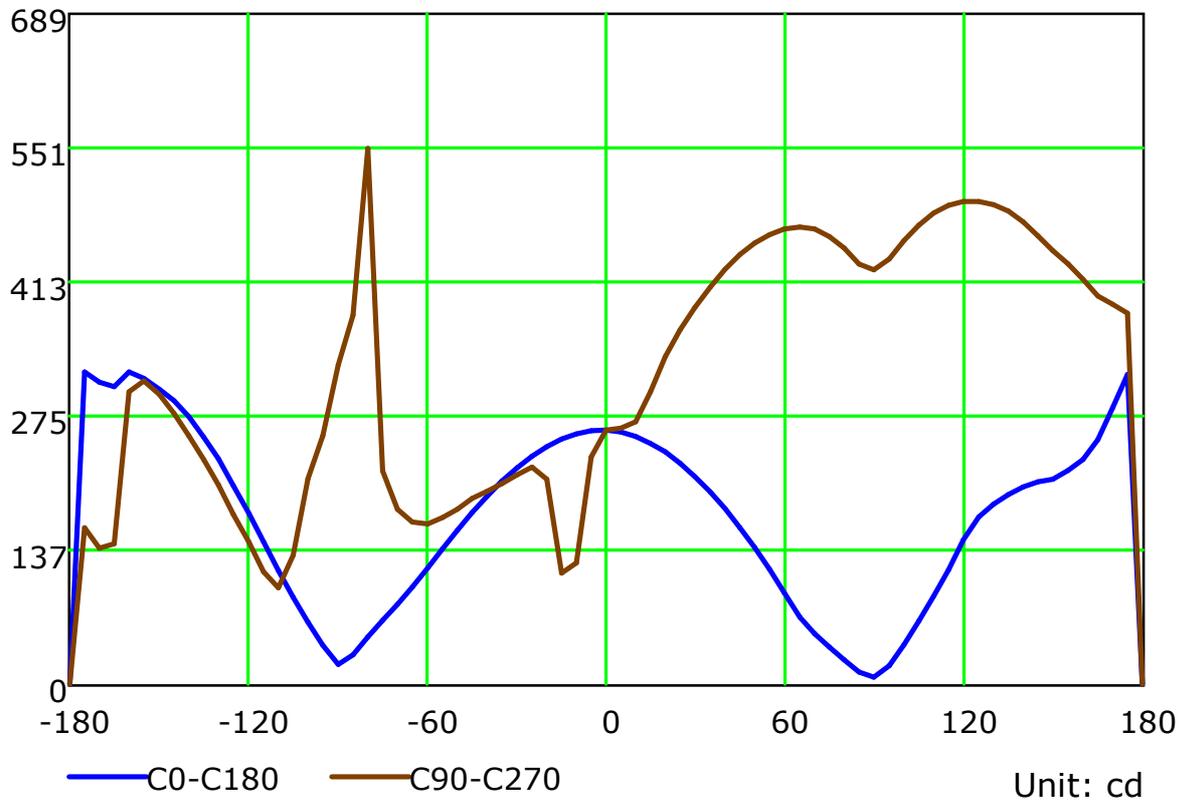
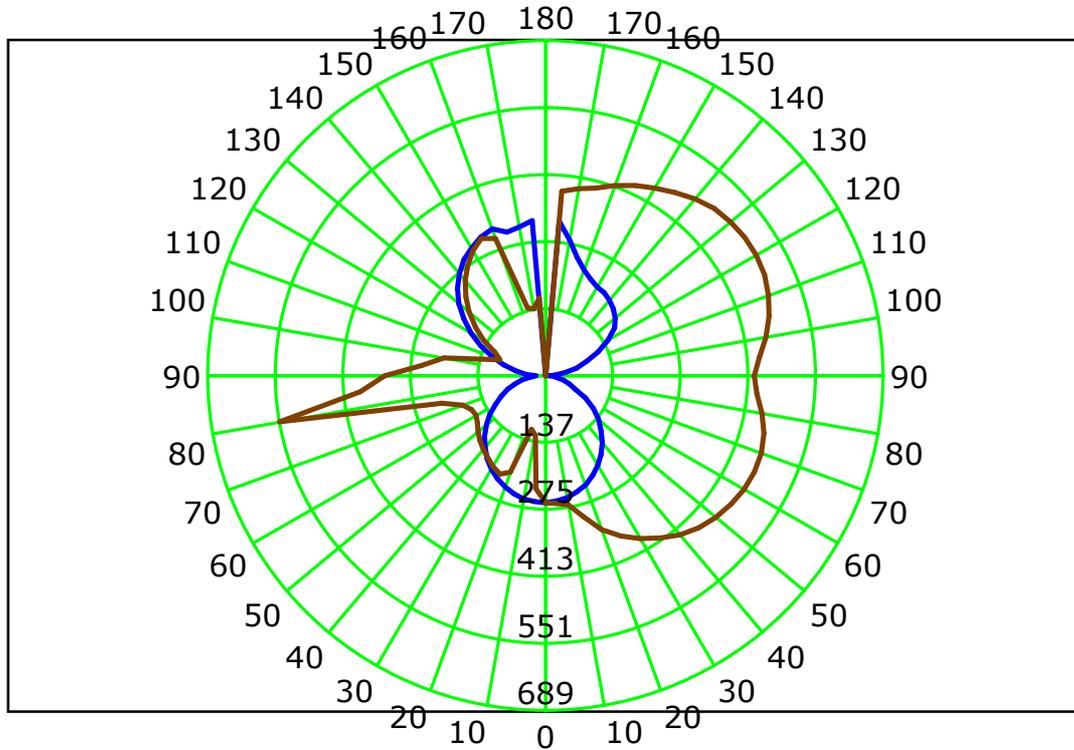
Average Diffuse Angle(50%): 346.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 24.9 °C
Operator: KOBE

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

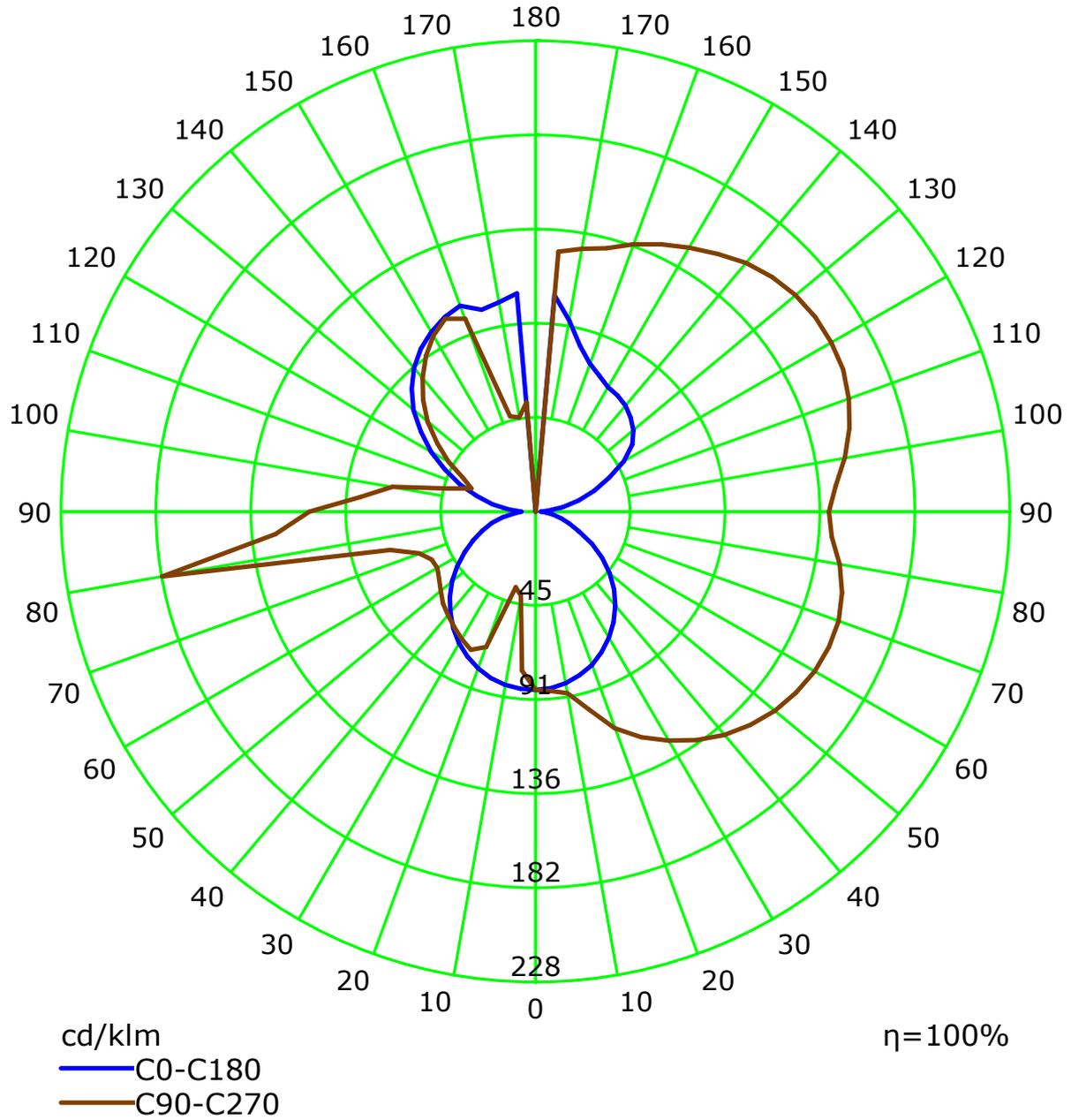
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 °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)



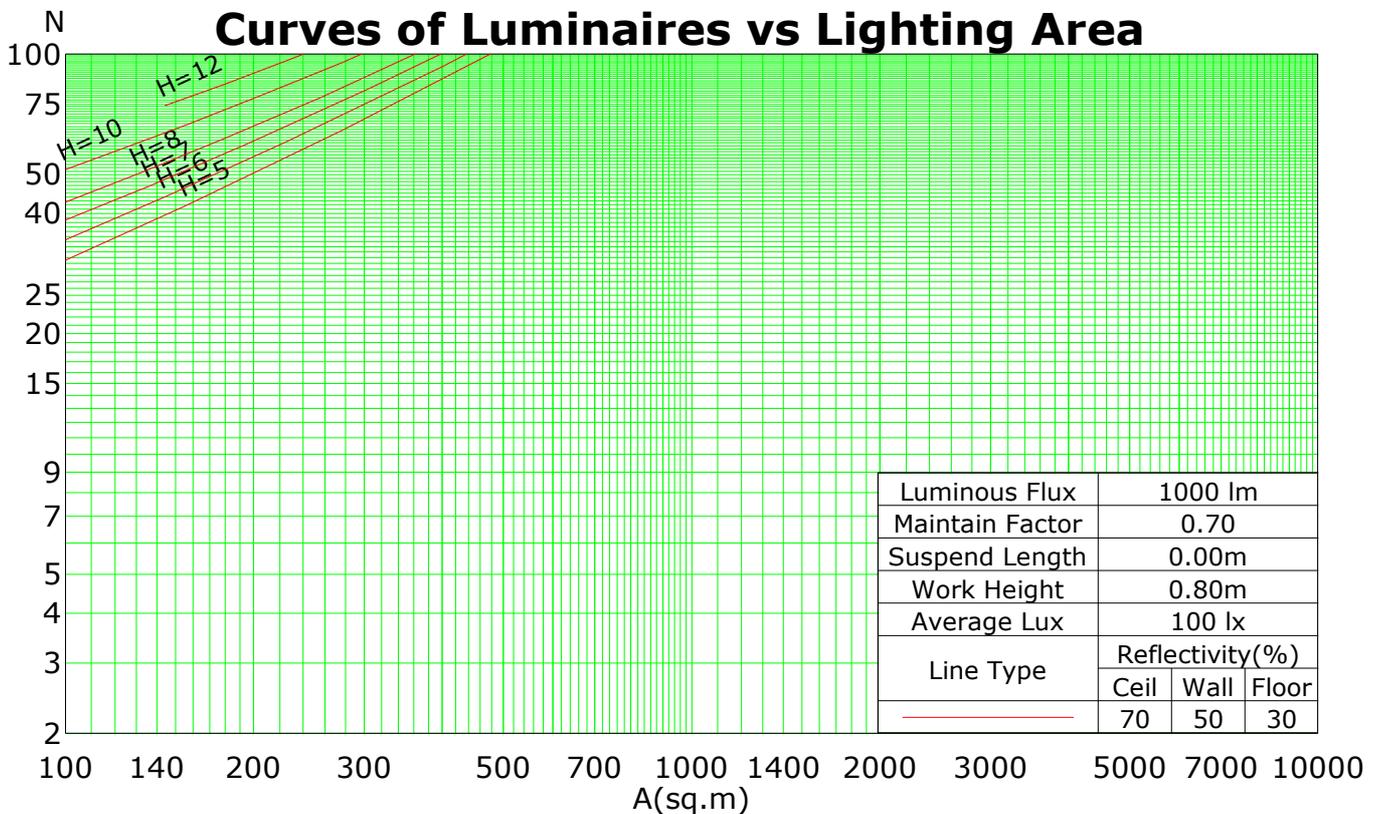
C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
 Test Device: GPM-3000
 Distance: 14.073 m
 Humidity: 48
 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	1.07	1.07	1.07	1.07	.98	.98	.98	.98	.82	.82	.82	.68	.68	.68	.55	.55	.55	.48
1	.93	.87	.82	.77	.85	.80	.75	.71	.66	.62	.59	.54	.51	.48	.42	.40	.38	.32
2	.84	.74	.66	.60	.76	.68	.61	.55	.56	.51	.46	.45	.41	.38	.35	.32	.29	.24
3	.75	.64	.55	.48	.68	.59	.51	.45	.48	.42	.37	.39	.34	.30	.30	.26	.23	.19
4	.68	.56	.47	.40	.62	.51	.43	.37	.42	.36	.31	.34	.29	.25	.26	.22	.19	.15
5	.63	.49	.40	.33	.57	.45	.37	.31	.37	.31	.26	.30	.25	.21	.23	.19	.16	.13
6	.57	.44	.35	.29	.52	.40	.32	.26	.33	.27	.22	.27	.22	.18	.21	.17	.14	.11
7	.53	.39	.31	.25	.48	.36	.28	.23	.30	.24	.19	.24	.19	.16	.19	.15	.12	.09
8	.49	.36	.27	.21	.44	.33	.25	.20	.27	.21	.17	.22	.17	.14	.17	.13	.11	.08
9	.45	.32	.24	.19	.41	.30	.22	.17	.25	.19	.15	.20	.15	.12	.16	.12	.09	.07
10	.42	.29	.22	.17	.39	.27	.20	.15	.23	.17	.13	.19	.14	.11	.15	.11	.08	.06

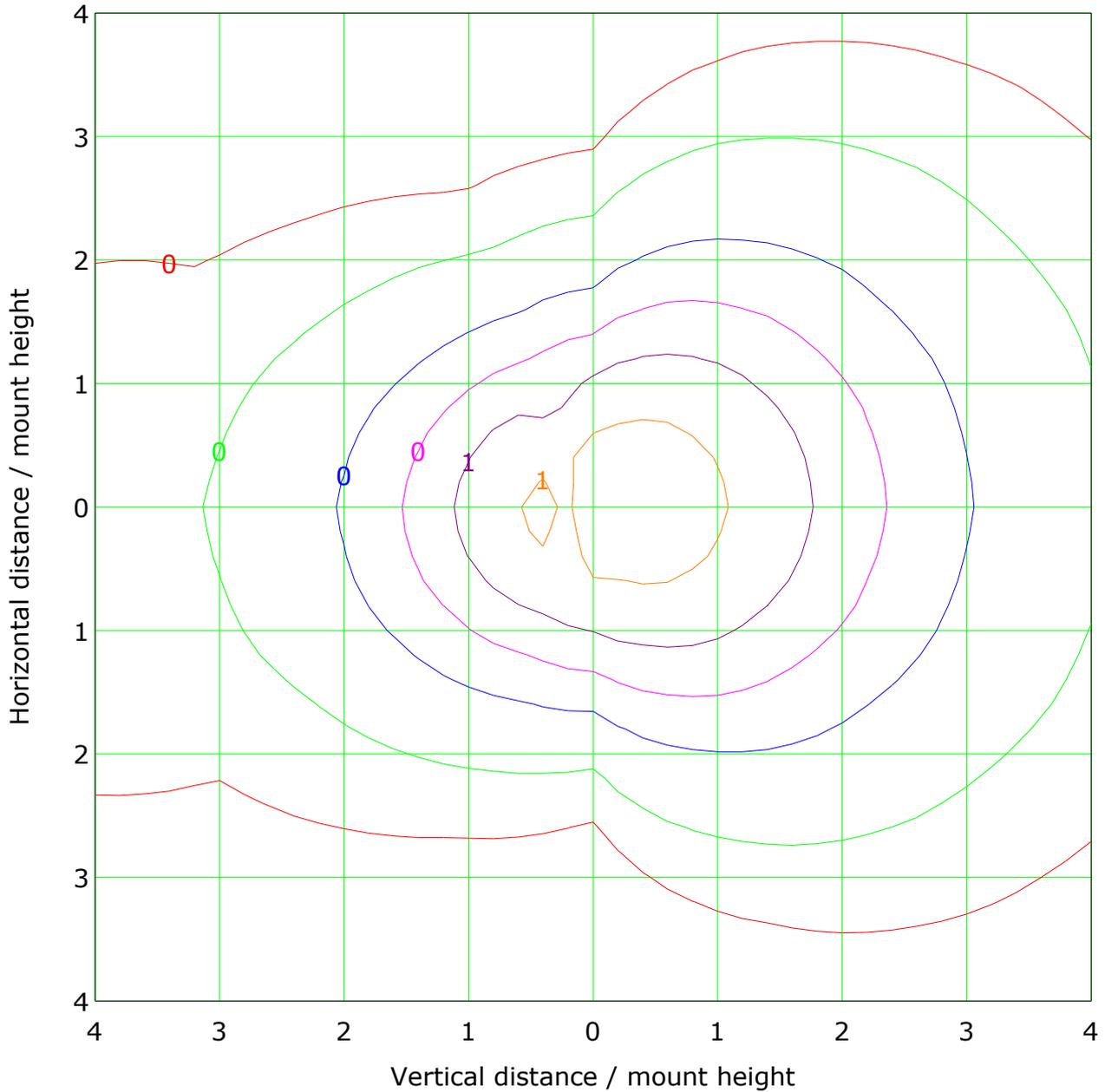
Spacing Criteria (0-180): 1.24
 Spacing Criteria (90-270): 1.78
 Spacing Criteria (Diagonal): 1.68



C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 °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%): 2.8 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.1 lx	— (10%): 0.3 lx
— (20%): 0.6 lx	— (50%): 1.4 lx

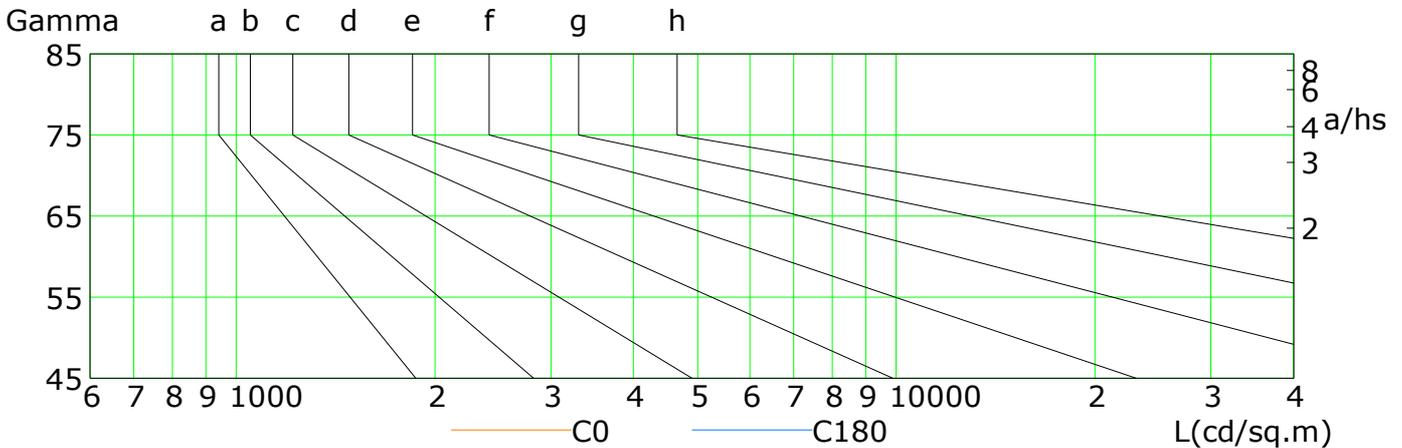
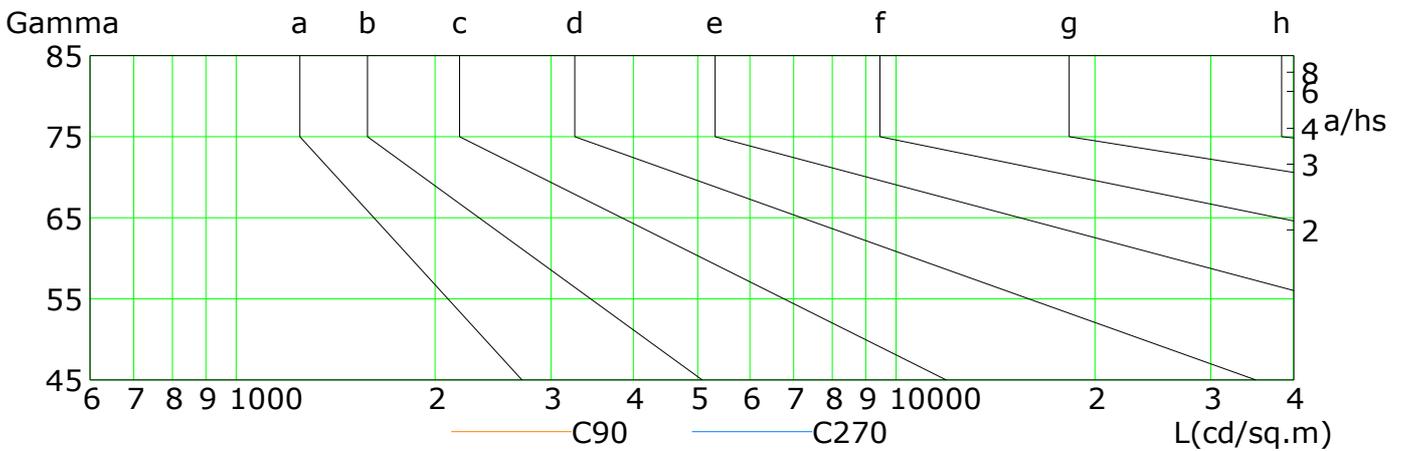
C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator: KOBE

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)							
		2000	1000	500	<=300				
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

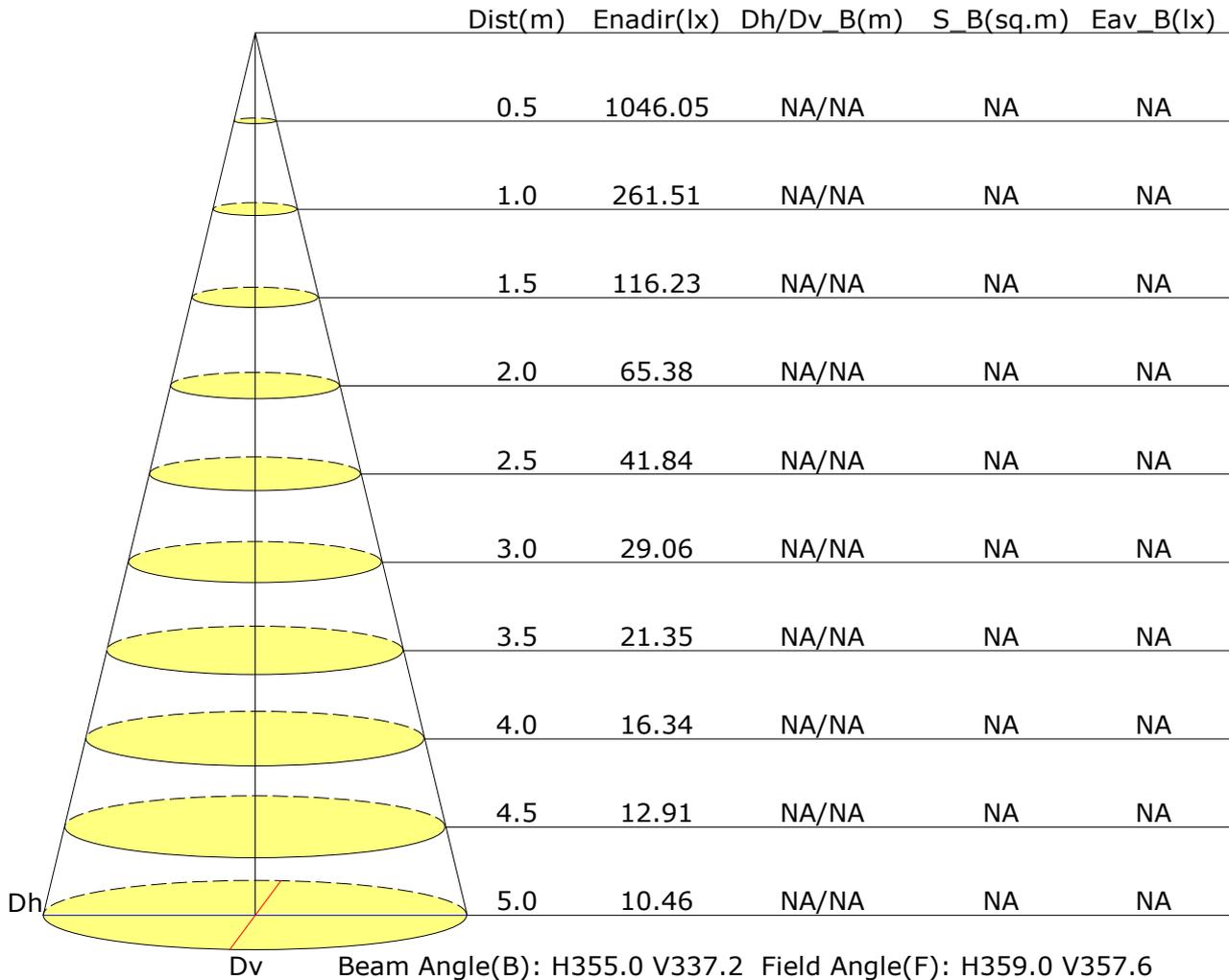


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	161	141	119	94	69	53	38	25	13
C90	442	454	462	468	471	468	461	449	433
C180	177	159	140	120	100	83	66	49	31
C270	191	180	172	165	167	180	220	552	380

C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 24.9 'C
Operator: KOBE

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

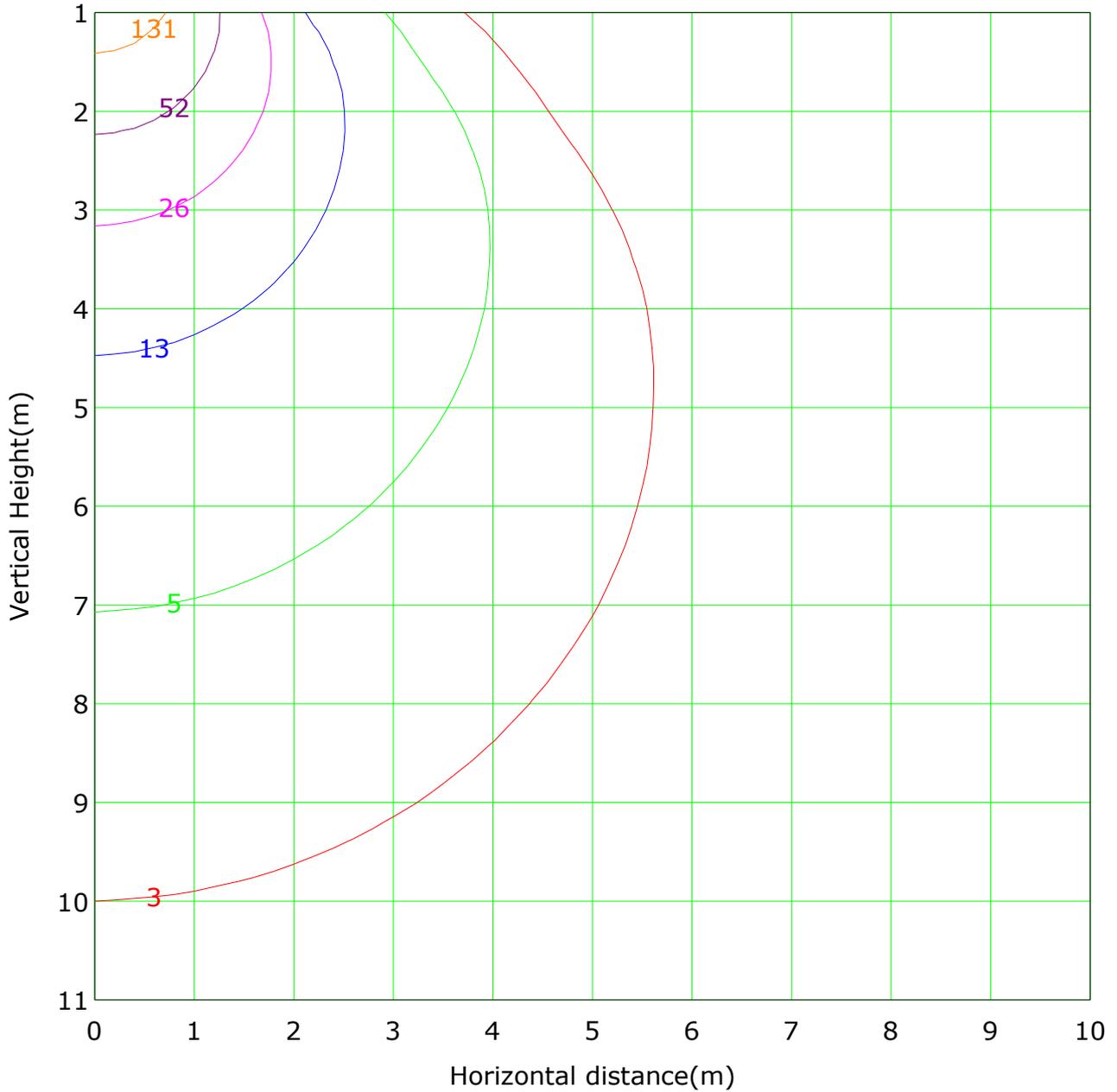
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 24.9 '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

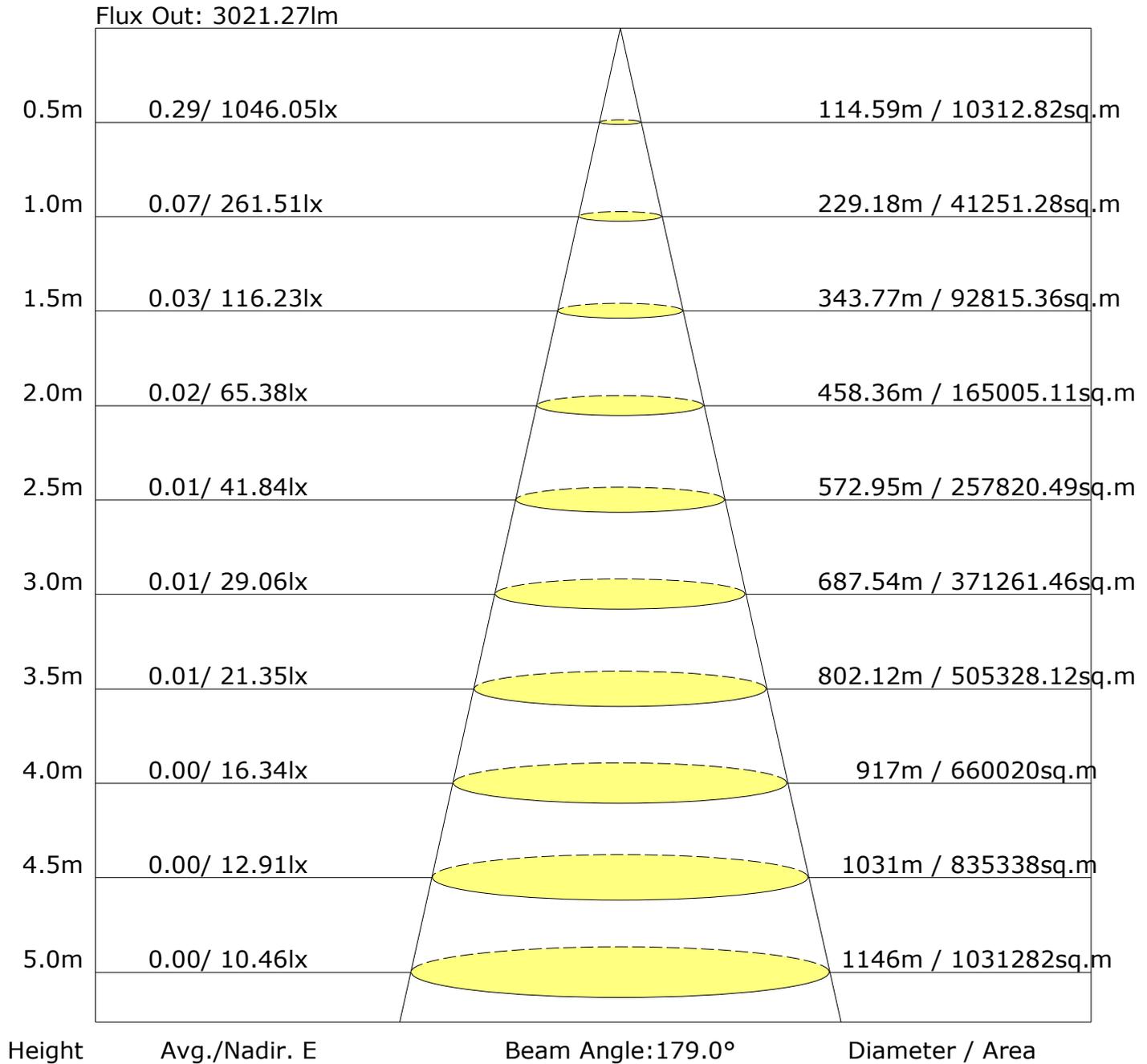


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 261.5 lx
— (1%): 2.6 lx	— (2%): 5.2 lx	— (10%): 26.2 lx
— (5%): 13.1 lx	— (20%): 52.3 lx	— (50%): 130.8 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 '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



C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 °C
 Operator: KOBE

Gamma Plane (°):0.0-180.0:5.0
 Test Device: GPM-3000
 Distance: 14.073 m
 Humidity: 48
 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	-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										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with $3021lm$ ($8\log(F/F_0) = 3.8$).

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 '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 = 1.75									
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	0.64	0.69	0.72	0.77	0.80	
	0.30		NA	0.39	0.45	0.50	0.57	0.63	0.66	0.72	0.76	
	0.20		NA	0.33	0.39	0.44	0.52	0.57	0.61	0.67	0.71	
0.50	0.50	0.20	NA	0.39	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	0.55	0.60	0.63	
	0.20		NA	0.29	0.33	0.37	0.44	0.48	0.51	0.56	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	0.51	
	0.20		NA	0.24	0.28	0.31	0.36	0.39	0.42	0.46	0.49	
0.00	0.00	0.00	NA	0.15	0.18	0.20	0.24	0.26	0.28	0.31	0.33	
<p>Rating:77W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.75								
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	0.65	0.54	0.47	0.41	0.33	0.28
	0.30		NA	0.71	0.64	0.58	0.49	0.43	0.38	0.32	0.27
	0.20		NA	0.62	0.57	0.52	0.45	0.40	0.36	0.30	0.26
0.50	0.50	0.20	NA	0.71	0.63	0.56	0.47	0.42	0.36	0.29	0.25
	0.30		NA	0.62	0.55	0.50	0.43	0.38	0.34	0.28	0.24
	0.20		NA	0.55	0.50	0.46	0.40	0.35	0.32	0.26	0.23
0.30	0.50	0.20	NA	0.60	0.53	0.48	0.40	0.35	0.31	0.25	0.22
	0.30		NA	0.53	0.48	0.43	0.37	0.33	0.29	0.24	0.21
	0.20		NA	0.47	0.43	0.40	0.34	0.31	0.28	0.23	0.20
0.00	0.00	0.00	0.48	0.33	0.30	0.28	0.25	0.22	0.20	0.17	0.15
<p>Rating:77W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.75									
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	0.68	0.69	0.70	0.70	0.70	0.71	0.71	
		0.30	NA	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.67	
		0.20	NA	0.56	0.57	0.58	0.60	0.61	0.62	0.63	0.64	
0.50	0.50	0.20	NA	0.65	0.66	0.66	0.67	0.67	0.67	0.68	0.68	
		0.30	NA	0.60	0.61	0.61	0.62	0.63	0.64	0.64	0.65	
		0.20	NA	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	
0.30	0.50	0.20	NA	0.63	0.63	0.64	0.64	0.65	0.65	0.65	0.65	
		0.30	NA	0.58	0.59	0.60	0.61	0.61	0.62	0.62	0.63	
		0.20	NA	0.55	0.56	0.56	0.57	0.58	0.59	0.60	0.60	
0.00	0.00	0.00	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51		
<p>Rating:77W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-5.0	258.1	6.2	6.2	0.20	0.20
5.0-10.0	242.2	17.3	23.5	0.57	0.78
10.0-15.0	221.8	26.3	49.8	0.87	1.65
15.0-20.0	221.3	36.5	86.3	1.21	2.86
20.0-25.0	234.7	49.2	135.5	1.63	4.49
25.0-30.0	242.4	61.4	196.9	2.03	6.52
30.0-35.0	244.8	72.1	269.0	2.39	8.90
35.0-40.0	245.7	82.0	351.0	2.71	11.62
40.0-45.0	244.8	90.6	441.6	3.00	14.62
45.0-50.0	241.6	97.7	539.3	3.23	17.85
50.0-55.0	236.0	102.6	641.9	3.40	21.25
55.0-60.0	228.1	105.4	747.4	3.49	24.74
60.0-65.0	219.8	106.9	854.2	3.54	28.28
65.0-70.0	213.2	108.0	962.2	3.57	31.85
70.0-75.0	211.1	110.4	1072.6	3.65	35.51
75.0-80.0	237.1	126.9	1199.5	4.20	39.71
80.0-85.0	254.4	138.2	1337.7	4.58	44.28
85.0-90.0	231.5	126.8	1464.5	4.20	48.48
90.0-95.0	209.5	114.7	1579.2	3.80	52.28
95.0-100.0	199.9	108.6	1687.9	3.60	55.87
100.0-105.0	197.6	105.7	1793.6	3.50	59.37
105.0-110.0	202.7	106.0	1899.6	3.51	62.88
110.0-115.0	217.7	110.3	2009.9	3.65	66.53
115.0-120.0	237.7	115.6	2125.4	3.83	70.36
120.0-125.0	256.9	118.8	2244.2	3.93	74.29
125.0-130.0	273.8	119.1	2363.3	3.94	78.23
130.0-135.0	286.6	115.8	2479.1	3.83	82.07
135.0-140.0	296.5	109.8	2588.9	3.64	85.70
140.0-145.0	303.0	101.1	2690.0	3.35	89.05
145.0-150.0	305.5	90.0	2780.0	2.98	92.03
150.0-155.0	303.9	76.9	2856.9	2.55	94.57
155.0-160.0	293.3	61.5	2918.4	2.04	96.61
160.0-165.0	275.4	45.4	2963.8	1.50	98.11
165.0-170.0	275.6	32.7	2996.5	1.08	99.19
170.0-175.0	290.6	20.8	3017.3	0.69	99.88
175.0-180.0	147.8	3.5	3020.8	0.12	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bacl
 Test Type: TYPE C
 Temperature: 24.9 '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	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5
G5.0	259.5	261.0	262.6	263.9	263.9	264.9	263.4	262.2	260.8	256.6
G10.0	255.3	259.0	262.7	265.9	270.2	268.5	265.2	261.9	257.4	246.7
G15.0	248.2	254.8	263.3	287.7	300.8	294.8	274.7	259.2	252.3	230.8
G20.0	239.1	249.0	276.6	318.4	337.5	329.2	296.5	255.9	244.5	206.6
G25.0	227.4	241.1	293.7	343.3	364.8	354.8	318.9	259.7	234.6	167.1
G30.0	213.6	233.3	307.9	361.3	388.0	375.8	334.6	265.4	223.0	115.5
G35.0	198.1	229.7	316.2	377.4	408.8	393.9	345.1	270.5	209.1	95.9
G40.0	180.7	225.5	320.6	391.1	427.5	409.2	355.0	271.1	193.7	91.2
G45.0	161.4	222.0	322.4	402.2	442.1	422.1	360.6	268.6	176.9	104.9
G50.0	140.7	216.3	322.3	410.1	454.2	432.9	364.3	263.1	158.9	124.3
G55.0	118.8	206.9	319.7	414.2	462.4	439.2	365.9	255.0	139.8	116.4
G60.0	94.4	194.0	314.6	416.1	468.5	442.8	363.3	245.6	119.6	100.3
G65.0	69.3	180.2	307.5	415.9	470.8	443.1	358.7	233.6	100.5	84.4
G70.0	52.5	166.3	299.4	412.2	468.4	438.9	353.1	221.9	82.7	70.2
G75.0	38.5	149.6	289.9	404.0	460.9	432.4	344.5	208.1	66.1	59.8
G80.0	25.2	132.5	276.2	390.4	448.7	420.4	329.6	192.0	48.9	56.6
G85.0	13.1	115.0	258.2	374.1	432.7	404.3	311.6	173.2	30.8	79.2
G90.0	7.6	102.2	247.7	365.7	426.8	395.8	301.7	160.3	20.7	56.1
G95.0	19.4	119.2	263.8	379.7	437.7	406.6	315.9	178.7	40.2	39.4
G100.0	40.8	142.6	286.8	402.0	456.6	426.7	338.2	203.0	63.9	43.8
G105.0	65.5	164.5	306.6	420.3	472.4	443.4	357.3	223.8	89.7	67.1
G110.0	90.7	185.2	322.8	434.1	484.8	456.2	372.1	243.0	117.3	91.5
G115.0	117.7	206.2	336.3	444.3	493.1	465.9	383.9	260.6	146.6	116.4
G120.0	148.4	226.9	348.3	451.2	496.8	471.3	393.8	276.6	176.3	138.9
G125.0	172.2	247.3	358.1	453.7	496.9	472.5	401.1	291.8	204.6	162.0
G130.0	185.6	266.3	365.7	453.6	493.5	470.5	405.4	305.0	232.1	166.0
G135.0	195.4	283.6	371.2	450.9	486.6	465.6	406.3	317.7	254.7	128.1
G140.0	203.4	301.2	375.6	445.1	475.5	458.3	406.5	326.0	275.3	114.4
G145.0	208.6	318.3	378.5	437.0	461.6	447.4	403.3	312.1	292.0	126.2
G150.0	211.0	334.0	379.7	427.3	446.4	434.9	391.0	304.6	304.0	169.2
G155.0	220.3	349.4	378.4	416.6	432.1	421.3	355.3	314.1	314.6	214.1
G160.0	231.3	360.9	378.4	403.4	416.7	404.7	327.4	303.1	321.5	233.3
G165.0	251.8	341.2	380.1	391.8	399.8	374.9	302.4	303.0	306.1	251.2
G170.0	285.0	339.9	349.2	386.9	390.8	324.5	305.6	306.6	311.2	278.1
G175.0	319.1	335.4	339.8	320.0	382.2	255.2	311.0	326.9	321.2	315.7
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: 24.9 '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	261.5	261.5	261.5	261.5	261.5	261.5	261.5			
G5.0	248.1	239.8	234.2	237.4	245.1	253.1	259.5			
G10.0	214.0	156.7	125.1	137.4	191.3	235.8	255.3			
G15.0	129.5	104.4	114.7	106.8	99.9	201.6	248.2			
G20.0	101.3	162.3	211.2	194.1	105.7	131.7	239.1			
G25.0	125.6	212.3	223.7	219.7	182.2	83.5	227.4			
G30.0	180.1	206.0	215.8	210.7	196.0	78.5	213.6			
G35.0	181.0	195.4	206.8	201.3	185.6	112.5	198.1			
G40.0	169.3	186.4	198.8	192.1	173.9	148.7	180.7			
G45.0	156.4	177.3	191.3	184.2	162.6	143.9	161.4			
G50.0	144.3	166.4	180.2	172.4	153.2	130.2	140.7			
G55.0	133.4	156.2	171.5	163.1	141.2	115.6	118.8			
G60.0	120.2	146.7	165.2	154.4	131.8	102.3	94.4			
G65.0	111.8	145.0	167.2	153.2	121.8	90.8	69.3			
G70.0	107.4	151.6	180.3	161.2	122.5	81.5	52.5			
G75.0	116.7	187.4	219.7	197.3	138.2	73.3	38.5			
G80.0	149.6	413.5	551.6	501.6	183.0	81.1	25.2			
G85.0	249.0	330.8	379.7	345.1	251.4	191.2	13.1			
G90.0	176.9	277.6	329.0	300.4	207.1	93.3	7.6			
G95.0	129.6	198.8	255.7	230.4	142.0	79.0	19.4			
G100.0	81.3	147.2	212.0	187.2	89.5	38.6	40.8			
G105.0	65.0	103.7	132.7	118.5	73.3	59.6	65.5			
G110.0	86.3	84.5	99.6	90.1	81.7	84.2	90.7			
G115.0	112.3	115.4	115.9	111.6	105.8	111.1	117.7			
G120.0	138.1	138.2	146.6	138.6	135.5	136.6	148.4			
G125.0	163.5	168.2	175.0	168.1	163.1	161.3	172.2			
G130.0	187.3	196.0	204.9	197.3	189.1	185.0	185.6			
G135.0	210.5	221.5	231.8	223.2	213.8	206.7	195.4			
G140.0	229.9	244.9	256.1	246.6	236.6	225.6	203.4			
G145.0	238.9	266.4	278.6	268.6	256.1	181.1	208.6			
G150.0	233.4	280.9	298.4	288.0	273.1	125.9	211.0			
G155.0	140.3	271.8	312.4	302.7	267.5	113.1	220.3			
G160.0	102.6	168.8	301.0	266.1	149.5	192.7	231.3			
G165.0	188.2	103.4	145.0	143.3	139.1	228.9	251.8			
G170.0	257.5	196.0	140.2	217.6	224.5	255.1	285.0			
G175.0	303.0	264.6	161.0	219.9	265.2	291.1	319.1			
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
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator: KOBE

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