

Report No.: PKS190411002-10

Test Time: 2019-4-16 09:59

## Luminaire Property

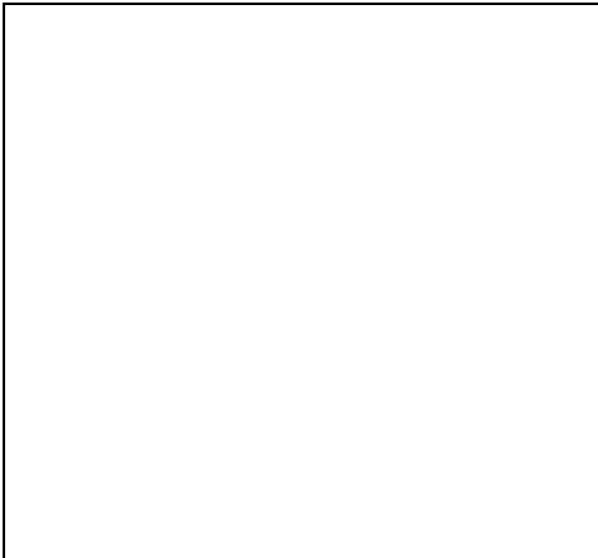
Luminaire Manufacturer:  
Luminaire Category:  
Luminaire Description: DS7231DGLED  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 53.43 W

Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.448 A  
Power Factor: 0.994

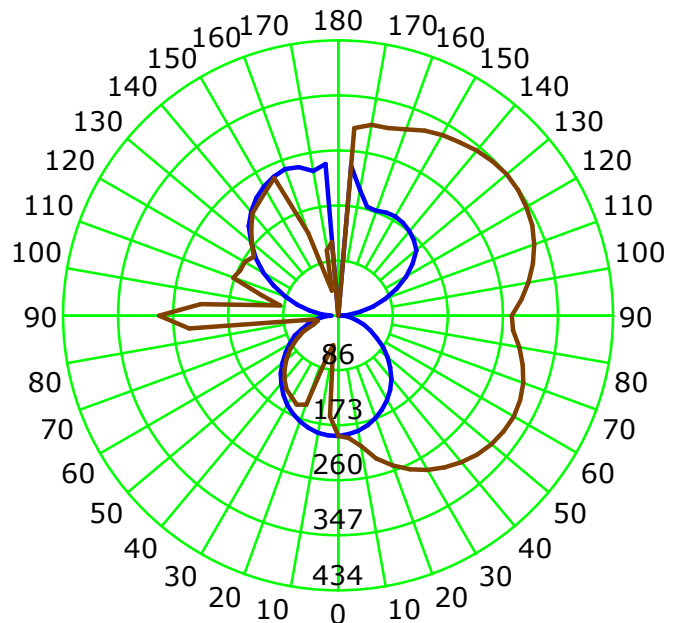
## Photometric Results

CIE Class: General Diffuse	Total Rated Lamp Lumens: 2107.0 lm
Measurement Flux: 2107 lm	Efficiency: 100%
Downward Ratio: 44%	Upward Ratio: 56%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 359.0, 357.9, 358.7, 358.5	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 354.8, 335.4, 353.6, 352.6	
Luminaire Efficacy Rating (LER): 39.49	C0r0 Intensity: 190.4 cd
Max. Intensity: 347.7 cd	Pos of Max. Intensity: H90 V130
S/MH(C0/C180): 1.24	S/MH(C90/C270): 1.71

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

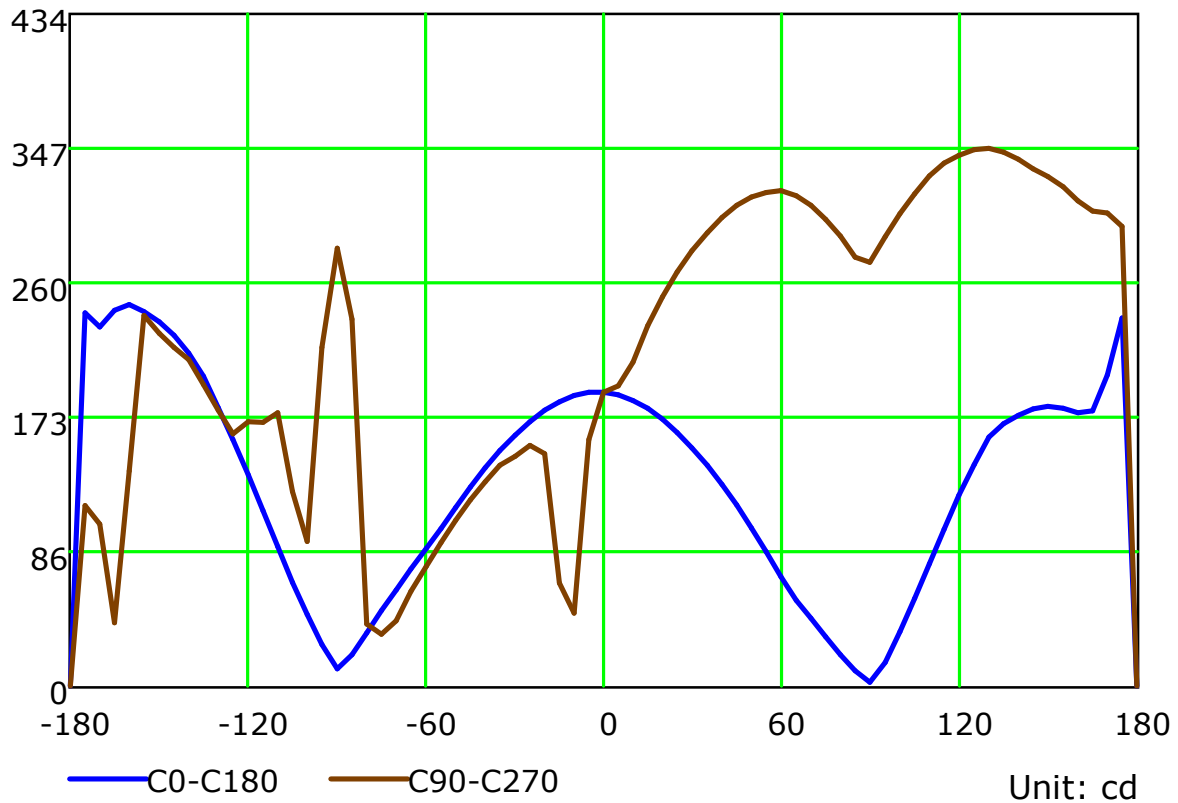
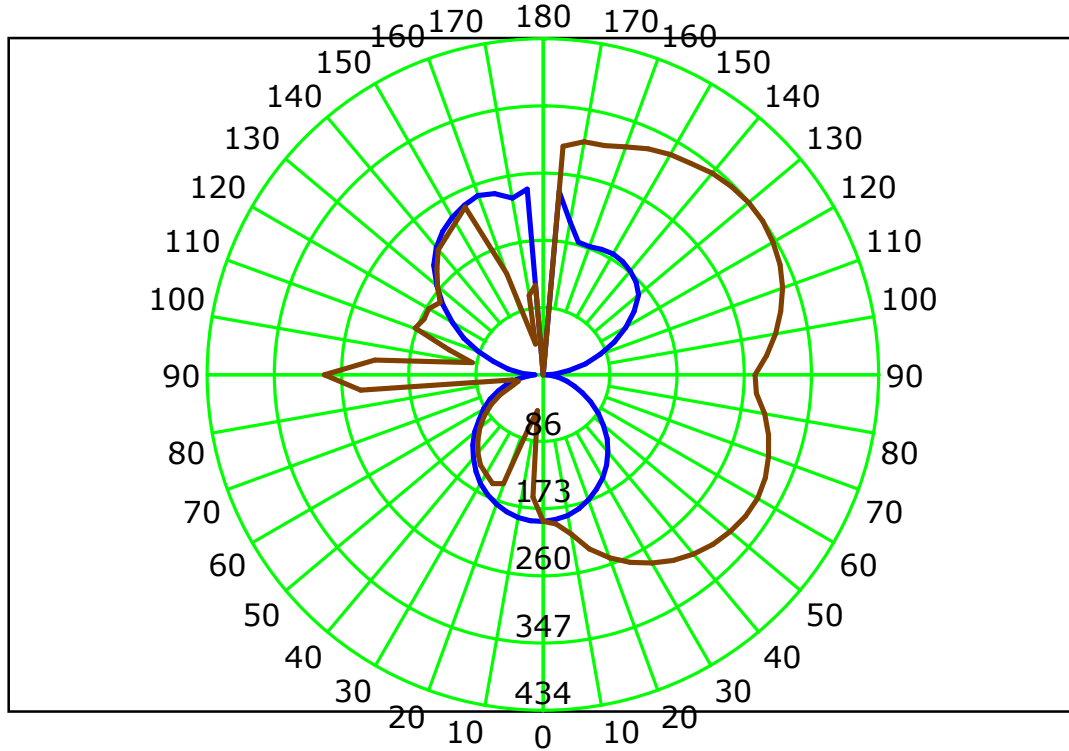
Average Diffuse Angle(50%): 345.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5  
Test Lab: Bacl  
Test Type: TYPE C  
Temperature: 25.4 °C  
Operator: KOBE

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

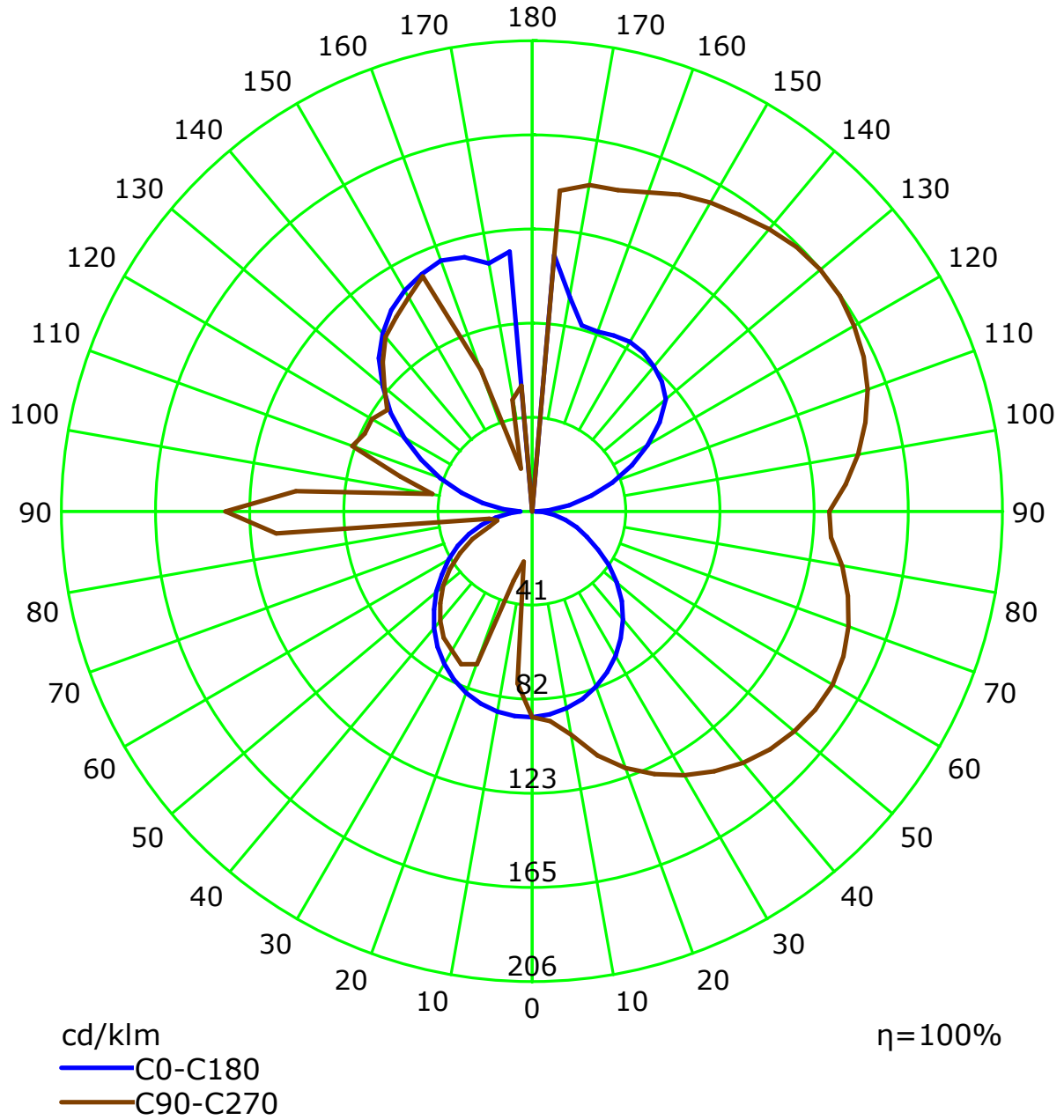
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.4 °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)



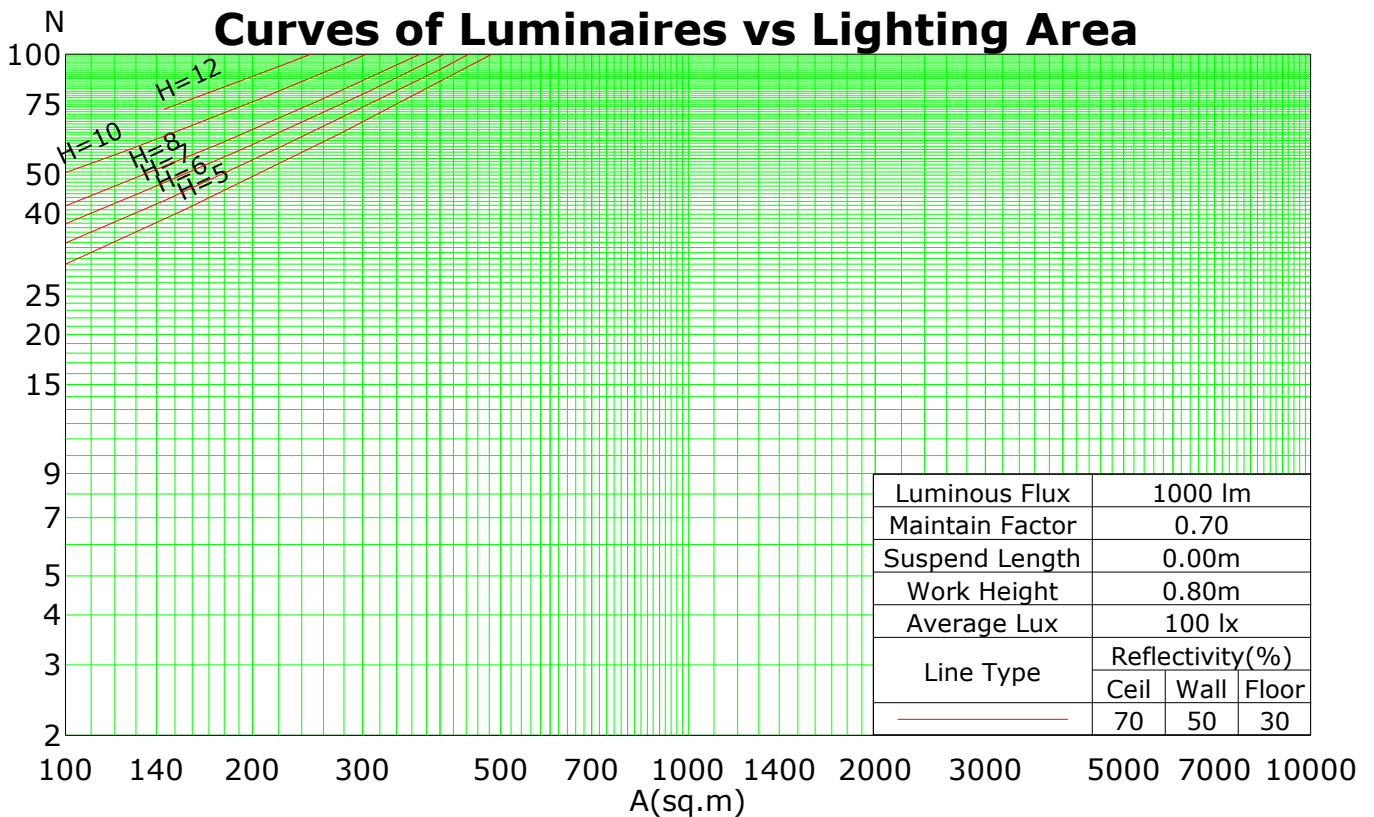
C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
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## Coefficients Of Utilization - Zonal Cavity Method

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	1.06	1.06	1.06	1.06	.97	.97	.97	.97	.80	.80	.80	.65	.65	.65	.51	.51	.51	.44
1	.93	.88	.83	.78	.85	.80	.76	.72	.66	.62	.59	.52	.50	.48	.40	.38	.37	.31
2	.84	.75	.68	.62	.76	.69	.62	.57	.56	.51	.47	.44	.41	.38	.34	.31	.29	.24
3	.76	.65	.57	.50	.69	.59	.52	.46	.48	.43	.38	.38	.34	.31	.29	.26	.23	.19
4	.69	.57	.48	.42	.62	.52	.44	.38	.42	.37	.32	.34	.29	.26	.25	.22	.19	.15
5	.63	.50	.42	.35	.57	.46	.38	.32	.38	.32	.27	.30	.25	.22	.23	.19	.16	.13
6	.58	.45	.36	.30	.52	.41	.33	.28	.34	.28	.23	.27	.22	.19	.20	.17	.14	.11
7	.53	.40	.32	.26	.48	.37	.29	.24	.30	.24	.20	.24	.19	.16	.18	.15	.12	.09
8	.49	.36	.28	.22	.45	.33	.26	.21	.27	.22	.17	.22	.17	.14	.17	.13	.11	.08
9	.46	.33	.25	.20	.42	.30	.23	.18	.25	.19	.15	.20	.16	.12	.15	.12	.10	.07
10	.43	.30	.23	.18	.39	.28	.21	.16	.23	.17	.14	.18	.14	.11	.14	.11	.09	.07

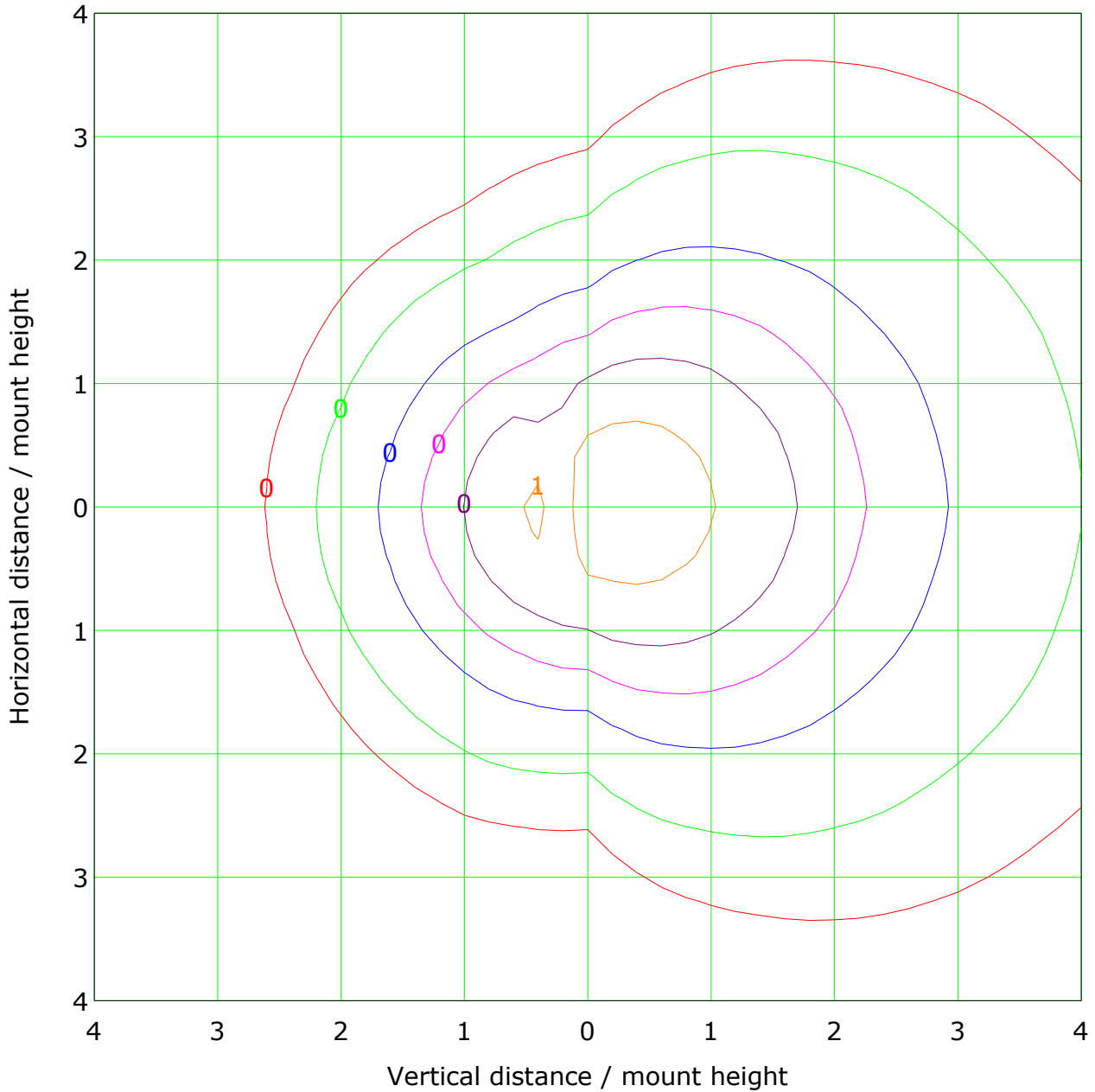
Spacing Criteria (0-180): 1.24  
 Spacing Criteria (90-270): 1.71  
 Spacing Criteria (Diagonal): 1.65



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 Test Device: GPM-3000  
 Distance: 14.073 m  
 Humidity: 48  
 Inspector:

## IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.1 lx

( 1%): 0.0 lx	( 2%): 0.0 lx
( 5%): 0.1 lx	( 10%): 0.2 lx
( 20%): 0.4 lx	( 50%): 1.1 lx

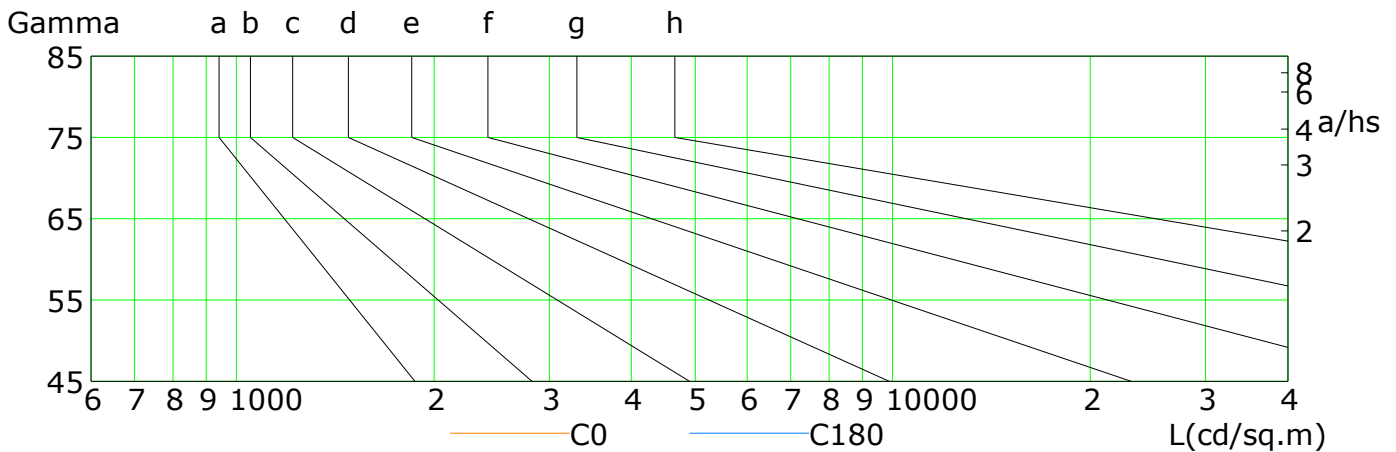
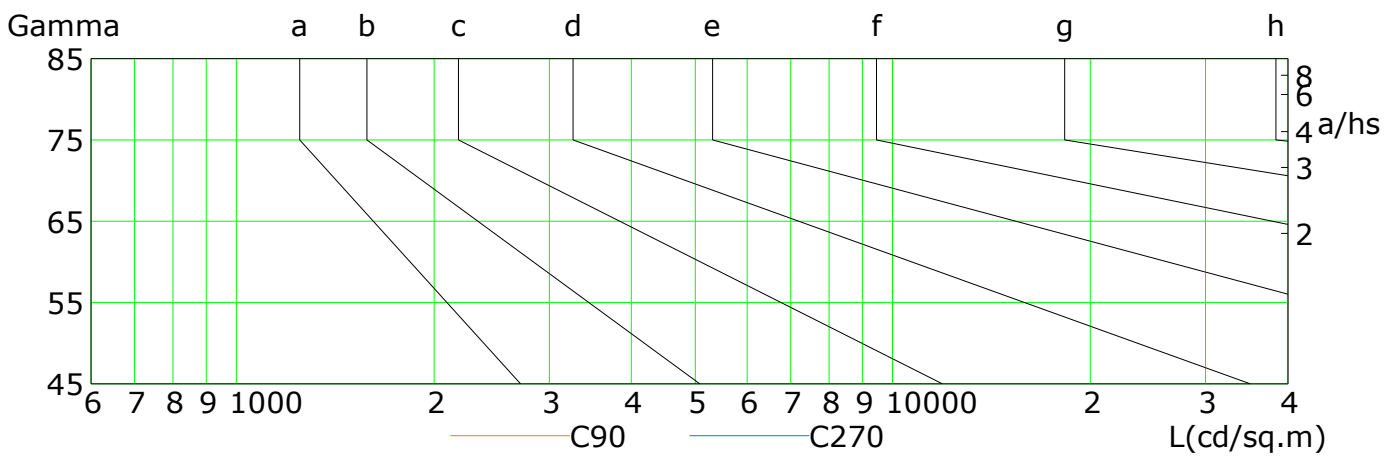
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Humidity: 48  
Inspector:

## 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

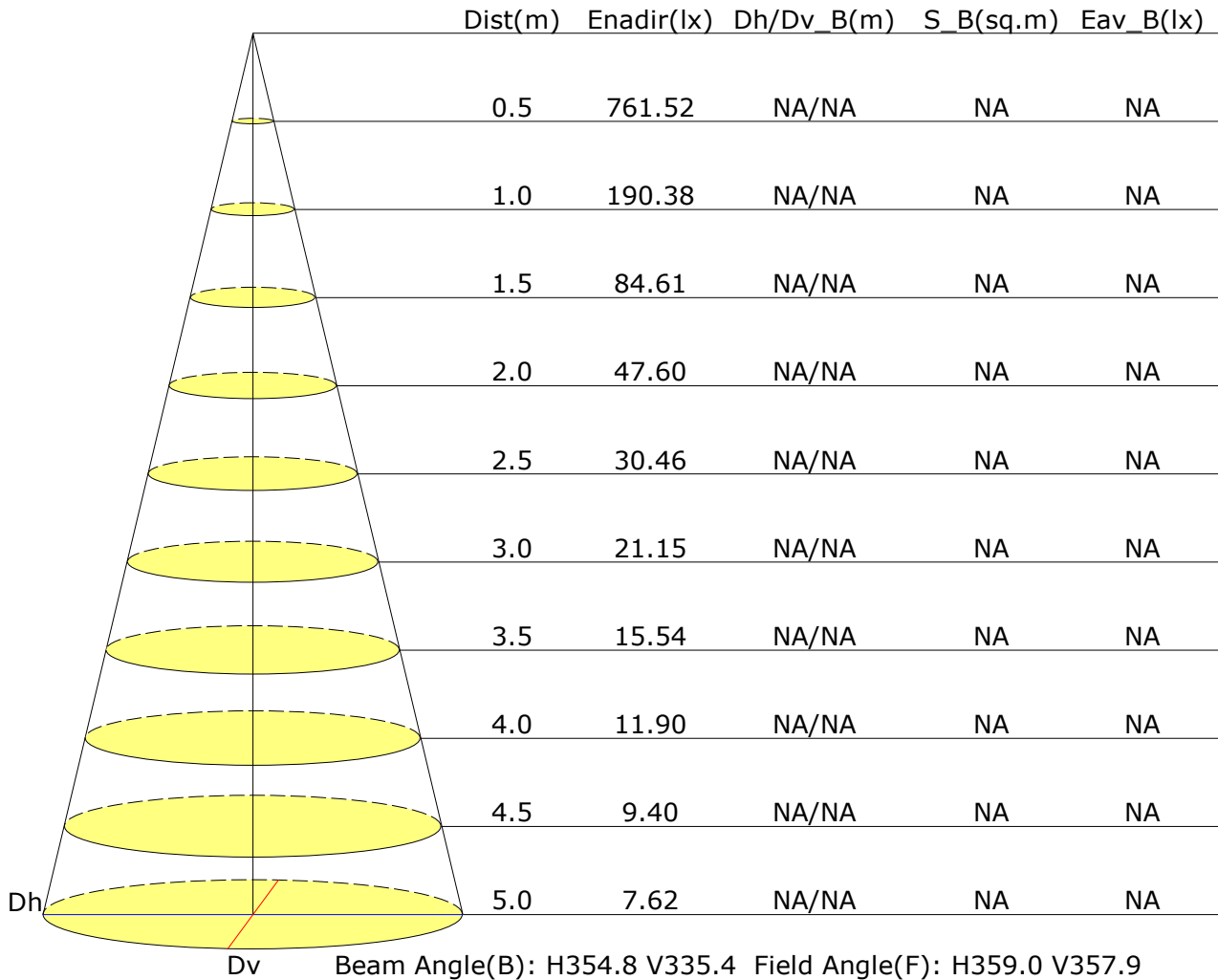


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	117	102	87	71	56	44	32	21	10
C90	311	317	320	320	317	311	302	291	277
C180	129	116	102	89	76	62	49	35	20
C270	120	108	93	78	61	42	34	40	237

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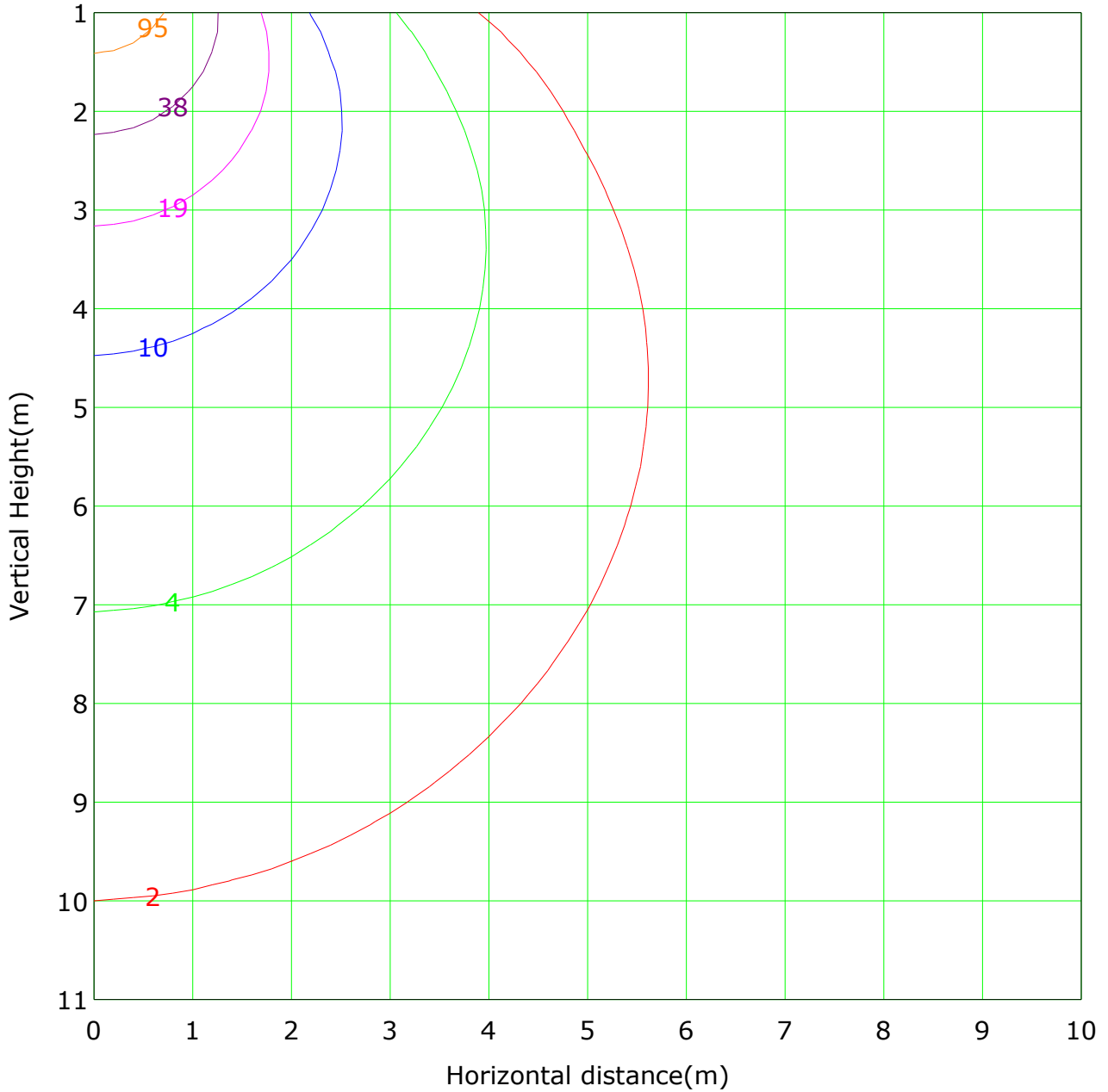
## Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5  
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 Test Type: TYPE C  
 Temperature: 25.4 '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



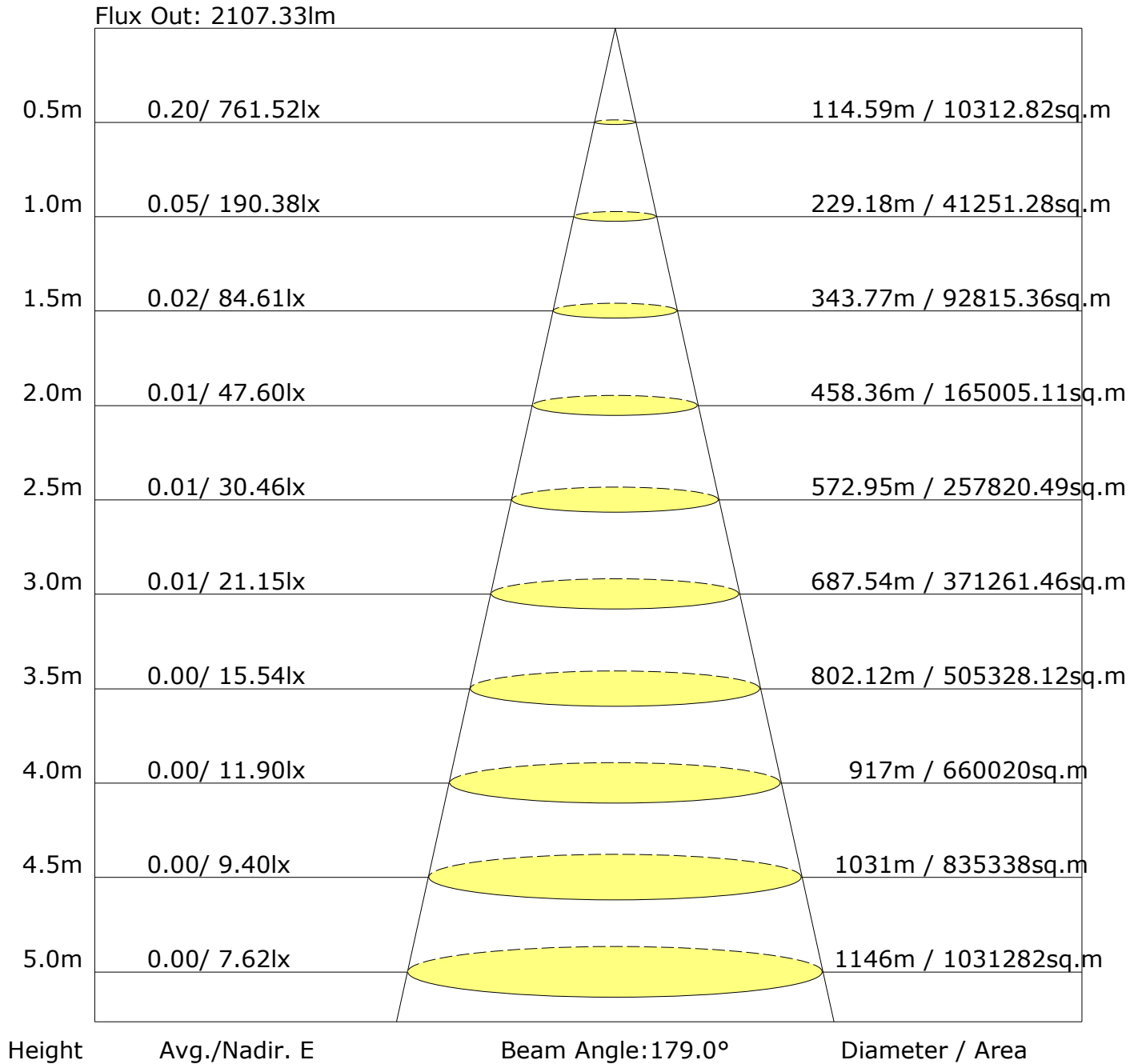
Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 190.4 lx
— ( 1%): 1.9 lx	— ( 2%): 3.8 lx	
— ( 5%): 9.5 lx	— ( 10%): 19.0 lx	
— ( 20%): 38.1 lx	— ( 50%): 95.2 lx	

C Plane (°):0.0-360.0: 22.5  
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 Test Type: TYPE C  
 Temperature: 25.4 '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  
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 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator: KOBE

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 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										
			-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  $2107lm$  ( $8\log(F/F_0) = 2.6$ ).

C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
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Gamma Plane (°):0.0-180.0:5.0  
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 Distance: 14.073 m  
 Humidity: 48  
 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	0.40	0.48	0.54	0.59	0.65	0.70	0.73	0.78	0.81	
	0.30		0.32	0.40	0.47	0.51	0.59	0.64	0.68	0.73	0.77	
	0.20		0.27	0.34	0.41	0.46	0.53	0.59	0.63	0.69	0.73	
0.50	0.50	0.20	0.33	0.39	0.44	0.48	0.54	0.57	0.60	0.64	0.66	
	0.30		0.27	0.33	0.39	0.43	0.49	0.53	0.56	0.60	0.63	
	0.20		0.23	0.30	0.34	0.38	0.44	0.49	0.52	0.57	0.60	
0.30	0.50	0.20	0.27	0.31	0.35	0.38	0.43	0.46	0.48	0.51	0.53	
	0.30		0.22	0.27	0.31	0.34	0.39	0.42	0.45	0.48	0.51	
	0.20		0.19	0.23	0.28	0.31	0.36	0.39	0.42	0.46	0.49	
0.00	0.00	0.00	0.12	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	
<p>Rating:53W 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 = 1.50									
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	0.94	0.81	0.71	0.63	0.52	0.44	0.38	0.31	0.26	
	0.30		0.79	0.69	0.61	0.55	0.47	0.40	0.36	0.29	0.25	
	0.20		0.67	0.61	0.55	0.50	0.43	0.37	0.33	0.28	0.24	
0.50	0.50	0.20	0.79	0.68	0.59	0.53	0.44	0.39	0.33	0.27	0.22	
	0.30		0.67	0.59	0.52	0.47	0.40	0.35	0.31	0.25	0.21	
	0.20		0.58	0.52	0.47	0.43	0.37	0.32	0.29	0.24	0.20	
0.30	0.50	0.20	0.65	0.56	0.49	0.44	0.36	0.31	0.28	0.22	0.19	
	0.30		0.56	0.50	0.44	0.40	0.34	0.29	0.26	0.21	0.18	
	0.20		0.49	0.44	0.40	0.36	0.31	0.27	0.25	0.20	0.18	
0.00	0.00	0.00	0.32	0.29	0.26	0.24	0.21	0.19	0.17	0.14	0.12	
<p>Rating:53W 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 = 1.50									
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	0.71	0.72	0.73	0.73	0.74	0.75	0.75	0.75	0.75	
	0.30		0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.72	
	0.20		0.60	0.61	0.62	0.63	0.65	0.66	0.67	0.68	0.70	
0.50	0.50	0.20	0.69	0.70	0.70	0.71	0.71	0.72	0.72	0.72	0.72	
	0.30		0.63	0.64	0.65	0.66	0.67	0.68	0.68	0.69	0.70	
	0.20		0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	
0.30	0.50	0.20	0.66	0.67	0.68	0.68	0.69	0.69	0.69	0.69	0.69	
	0.30		0.62	0.63	0.64	0.64	0.65	0.66	0.66	0.67	0.67	
	0.20		0.59	0.60	0.60	0.61	0.62	0.63	0.64	0.65	0.65	
0.00	0.00	0.00	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	
<p>Rating:53W 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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-5.0	186.8	4.5	4.5	0.21	0.21
5.0-10.0	170.2	12.2	16.6	0.58	0.79
10.0-15.0	153.5	18.2	34.9	0.86	1.65
15.0-20.0	157.9	26.0	60.9	1.24	2.89
20.0-25.0	170.7	35.8	96.7	1.70	4.59
25.0-30.0	176.0	44.5	141.2	2.11	6.70
30.0-35.0	177.4	52.3	193.5	2.48	9.18
35.0-40.0	177.4	59.2	252.7	2.81	11.99
40.0-45.0	174.8	64.7	317.4	3.07	15.06
45.0-50.0	169.8	68.6	386.0	3.26	18.32
50.0-55.0	162.3	70.6	456.6	3.35	21.67
55.0-60.0	153.2	70.8	527.4	3.36	25.03
60.0-65.0	142.8	69.4	596.9	3.30	28.33
65.0-70.0	131.2	66.5	663.3	3.15	31.48
70.0-75.0	119.0	62.2	725.5	2.95	34.43
75.0-80.0	108.2	57.9	783.5	2.75	37.18
80.0-85.0	115.9	63.0	846.4	2.99	40.17
85.0-90.0	142.8	78.2	924.7	3.71	43.88
90.0-95.0	151.8	83.1	1007.8	3.94	47.83
95.0-100.0	140.0	76.1	1083.9	3.61	51.44
100.0-105.0	146.5	78.4	1162.3	3.72	55.16
105.0-110.0	166.7	87.2	1249.4	4.14	59.30
110.0-115.0	178.8	90.5	1340.0	4.30	63.60
115.0-120.0	188.2	91.5	1431.5	4.34	67.94
120.0-125.0	198.2	91.6	1523.1	4.35	72.29
125.0-130.0	208.3	90.6	1613.7	4.30	76.58
130.0-135.0	217.7	88.0	1701.6	4.18	80.76
135.0-140.0	224.9	83.3	1784.9	3.95	84.71
140.0-145.0	229.6	76.6	1861.5	3.64	88.35
145.0-150.0	231.3	68.1	1929.7	3.23	91.58
150.0-155.0	227.8	57.6	1987.3	2.74	94.32
155.0-160.0	212.3	44.5	2031.8	2.11	96.43
160.0-165.0	197.7	32.6	2064.4	1.55	97.98
165.0-170.0	205.3	24.4	2088.8	1.16	99.13
170.0-175.0	217.9	15.6	2104.4	0.74	99.87
175.0-180.0	110.2	2.6	2107.0	0.13	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.4 '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	190.4	190.4	190.4	190.4	190.4	190.4	190.4	190.4	190.4	190.4
G5.0	188.6	191.4	193.2	194.2	194.4	194.1	193.7	192.3	190.2	184.0
G10.0	184.9	190.5	194.8	204.8	209.8	208.1	199.8	191.6	187.9	173.8
G15.0	179.7	187.1	204.9	223.7	233.3	229.0	213.9	192.9	184.0	157.5
G20.0	172.6	183.5	216.0	241.2	252.0	246.8	228.3	196.8	178.4	131.7
G25.0	164.1	182.8	225.4	253.9	268.1	260.9	238.5	200.4	171.2	88.9
G30.0	154.3	181.1	231.0	264.6	281.5	272.8	245.7	203.4	162.6	60.2
G35.0	143.2	178.8	234.2	273.7	293.4	282.8	251.0	203.4	152.6	54.4
G40.0	130.7	175.8	235.4	280.5	303.1	290.9	254.6	200.8	141.2	63.3
G45.0	117.1	170.3	234.8	285.6	311.0	296.8	255.9	196.2	128.8	87.4
G50.0	102.5	162.5	232.4	288.7	316.6	300.7	255.9	190.2	115.7	89.1
G55.0	87.0	153.3	228.7	289.0	319.5	302.7	253.7	182.6	102.1	79.1
G60.0	70.8	142.8	222.9	287.1	320.4	301.5	249.9	173.8	89.3	67.5
G65.0	55.8	131.3	215.3	283.4	317.2	298.0	243.7	163.8	76.0	57.1
G70.0	43.9	118.9	205.8	276.5	310.9	291.4	235.1	152.4	62.4	45.2
G75.0	32.1	105.5	194.7	266.8	302.0	282.0	224.4	139.8	49.0	32.5
G80.0	20.7	91.0	180.4	254.8	291.1	270.7	209.9	124.9	34.6	20.7
G85.0	10.0	75.1	165.7	241.0	277.4	256.9	195.9	108.1	20.5	14.7
G90.0	2.8	65.2	159.3	237.0	274.4	253.8	190.2	100.4	11.2	38.4
G95.0	15.3	80.4	175.5	253.5	290.7	269.7	206.7	115.4	27.0	39.4
G100.0	35.2	99.1	193.7	269.5	305.5	284.9	223.6	134.1	46.7	51.0
G105.0	57.0	117.4	210.2	284.4	318.6	298.5	239.4	151.4	67.5	53.9
G110.0	79.1	135.1	224.9	297.0	330.0	309.7	252.7	167.8	90.3	70.7
G115.0	101.7	152.5	237.6	306.9	338.2	318.7	264.2	182.4	113.5	84.9
G120.0	123.7	169.6	249.0	314.2	343.5	325.3	273.7	196.8	136.6	101.4
G125.0	143.6	186.5	258.8	319.7	347.1	329.2	281.9	210.1	159.5	119.0
G130.0	161.4	201.9	267.2	323.0	347.7	330.7	287.7	223.1	180.3	98.1
G135.0	169.9	216.7	274.3	324.4	345.3	330.1	292.2	234.8	200.3	75.2
G140.0	175.1	231.9	280.2	323.9	340.7	327.9	295.0	244.6	215.3	69.9
G145.0	179.3	246.4	285.0	322.0	334.5	324.7	296.5	252.8	227.1	100.5
G150.0	181.0	260.8	287.2	318.9	329.6	319.8	296.4	245.2	235.9	131.6
G155.0	179.7	272.7	289.1	313.6	323.0	313.2	288.4	238.1	242.2	149.8
G160.0	177.0	280.9	292.7	306.8	313.9	303.7	263.8	241.1	247.0	168.0
G165.0	178.2	283.7	297.8	304.0	307.2	298.5	245.7	221.8	243.3	171.6
G170.0	201.2	256.7	290.0	304.1	306.1	279.6	220.8	219.1	232.6	192.3
G175.0	238.1	250.4	253.1	269.2	297.3	211.1	223.4	241.1	241.3	228.7
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: 25.4 '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	190.4	190.4	190.4	190.4	190.4	190.4	190.4			
G5.0	175.2	164.7	159.4	162.3	171.5	181.1	188.6			
G10.0	133.0	64.0	47.4	53.4	107.8	163.6	184.9			
G15.0	52.5	44.0	66.8	54.5	44.5	128.6	179.7			
G20.0	47.9	130.4	150.3	143.8	70.9	66.1	172.6			
G25.0	104.8	148.4	155.7	152.4	137.6	51.4	164.1			
G30.0	134.0	140.6	148.6	144.1	142.0	60.5	154.3			
G35.0	129.2	134.0	142.8	138.9	132.5	106.2	143.2			
G40.0	118.9	124.5	132.4	128.4	125.6	118.2	130.7			
G45.0	110.5	113.1	120.4	116.2	114.5	110.6	117.1			
G50.0	98.5	100.5	107.5	103.1	102.1	98.8	102.5			
G55.0	85.9	86.8	93.0	88.9	88.9	89.0	87.0			
G60.0	72.6	71.8	77.5	74.0	74.5	75.9	70.8			
G65.0	58.5	56.7	61.4	58.1	59.5	62.4	55.8			
G70.0	44.3	39.9	42.4	39.7	44.1	48.5	43.9			
G75.0	28.9	25.7	33.7	28.2	26.2	34.3	32.1			
G80.0	20.0	26.8	40.4	32.5	21.8	17.8	20.7			
G85.0	36.7	148.2	237.2	192.7	54.8	15.3	10.0			
G90.0	140.1	230.4	283.2	259.5	189.6	84.6	2.8			
G95.0	91.7	170.8	219.0	201.9	148.6	31.1	15.3			
G100.0	89.1	79.0	93.9	87.1	70.9	80.9	35.2			
G105.0	111.4	146.7	126.2	140.3	134.3	88.1	57.0			
G110.0	115.2	155.9	177.0	168.3	133.4	82.9	79.1			
G115.0	106.1	150.6	170.7	161.2	138.3	102.6	101.7			
G120.0	123.8	148.6	171.2	163.2	131.2	119.2	123.7			
G125.0	142.5	151.8	163.4	156.5	149.4	132.2	143.6			
G130.0	157.5	168.9	178.6	172.0	167.6	148.7	161.4			
G135.0	170.7	186.1	195.3	188.6	180.8	166.9	169.9			
G140.0	185.4	197.5	211.2	201.8	191.0	152.8	175.1			
G145.0	199.4	207.3	219.2	209.1	204.6	96.0	179.3			
G150.0	131.2	219.4	228.4	220.5	218.7	72.3	181.0			
G155.0	59.4	213.9	240.0	231.3	136.7	100.3	179.7			
G160.0	66.8	71.1	139.4	114.6	61.5	155.3	177.0			
G165.0	134.8	55.4	41.2	44.0	113.9	183.2	178.2			
G170.0	177.7	134.3	104.9	164.6	189.2	173.1	201.2			
G175.0	216.8	181.7	117.0	171.5	180.8	205.3	238.1			
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: 25.4 'C  
 Operator: KOBE

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