

Report No.: PKS190228001-10

Test Time: 2019-2-28 16:36

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Luminaire Description: LBTF2032LAJUDSNGY Lamp Catalog:

Lamp Description:

Number of Lamps:

Lumens per Lamp:

Luminous Length (mm):

Luminous Width (mm):

Luminous Height (mm):

Voltage: 120.0 V

Current: 0.303 A

Power: 36.27 W

Power Factor: 0.997

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 2521.3 lm

Measurement Flux: 2521.3 lm

Efficiency: 100%

Downward Ratio: 92%

Upward Ratio: 8%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 158.0, 158.1, 157.2, 157.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 110.0, 110.1, 109.1, 109.1

Luminaire Efficacy Rating (LER): 69.56

C0r0 Intensity: 853 cd

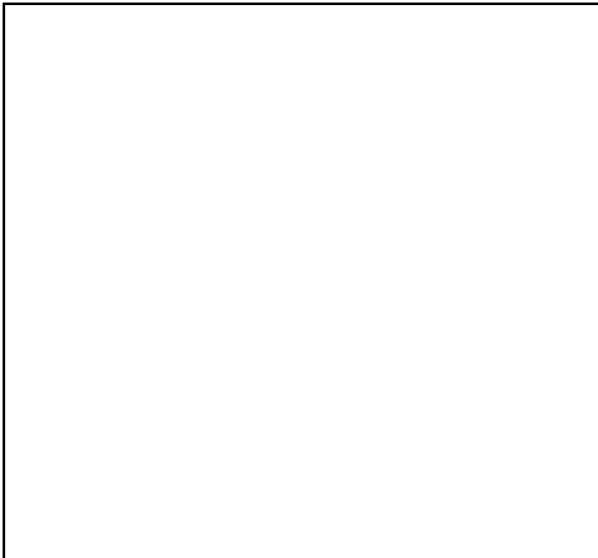
Max. Intensity: 853 cd

Pos of Max. Intensity: H0 V0

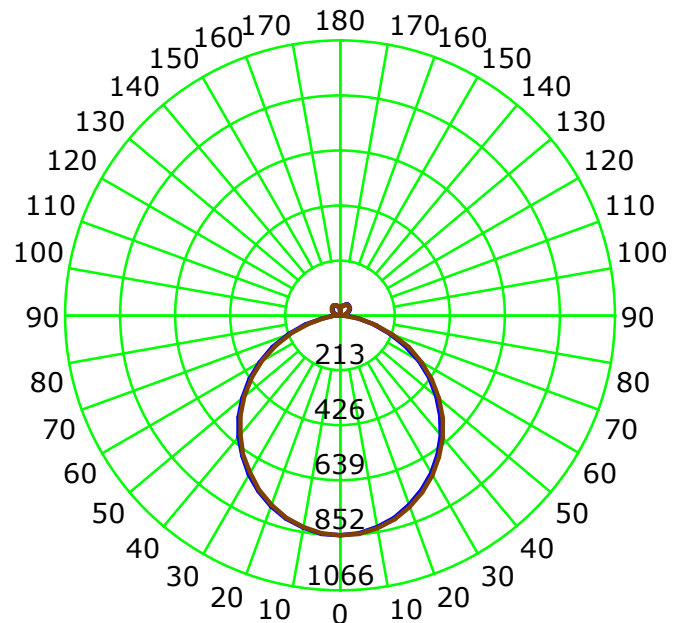
S/MH(C0/C180): 1.24

S/MH(C90/C270): 1.24

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 110.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:5.0

Test Lab: Bacl

Test Device: GPM-3000

Test Type: TYPE C

Distance: 14.073 m

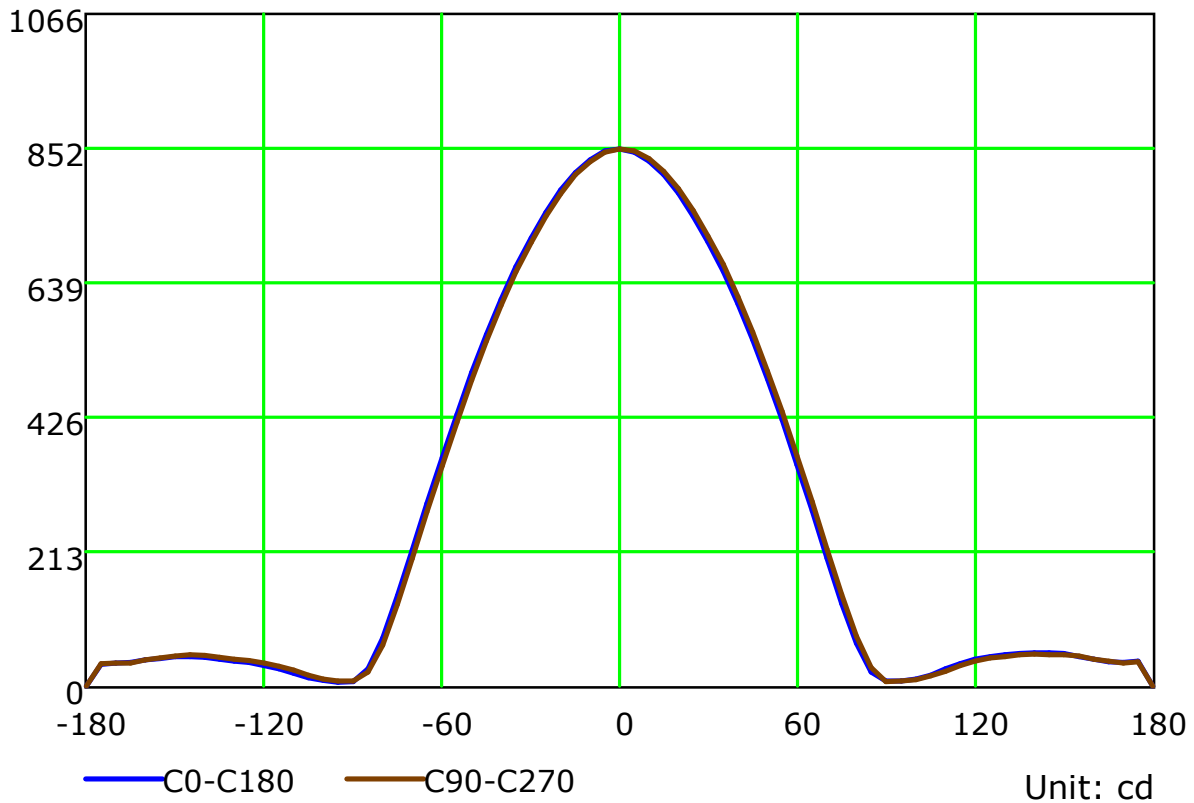
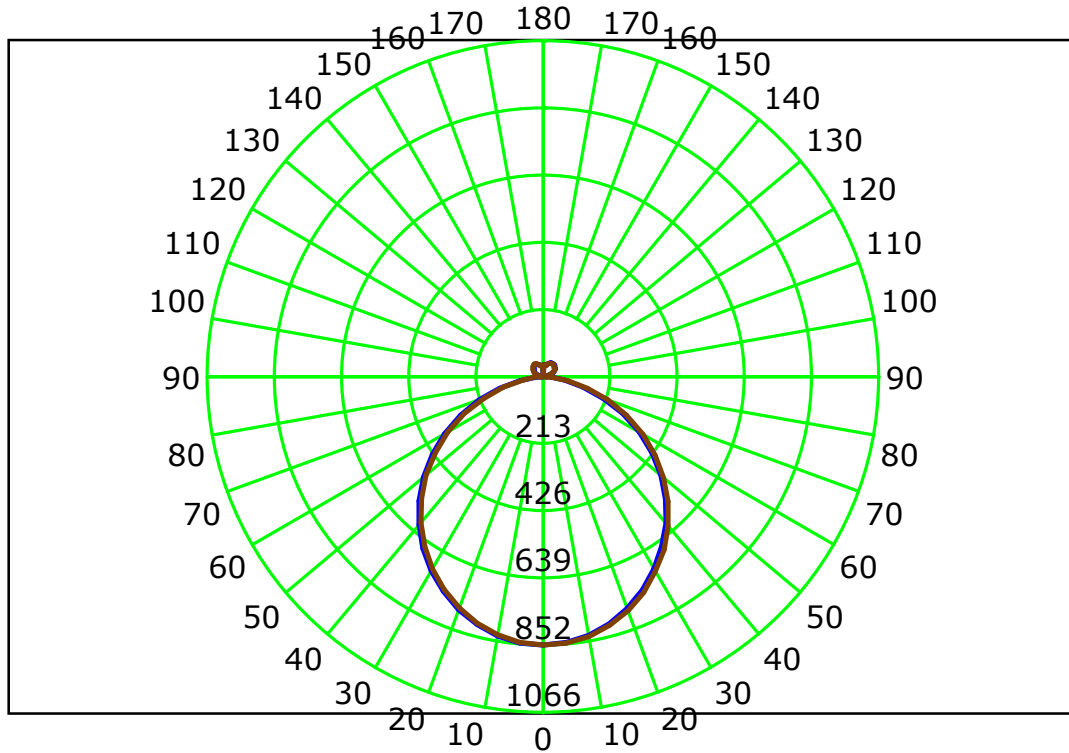
Temperature: 25.5 °C

Humidity: 48

Operator: KOBE

Inspector:

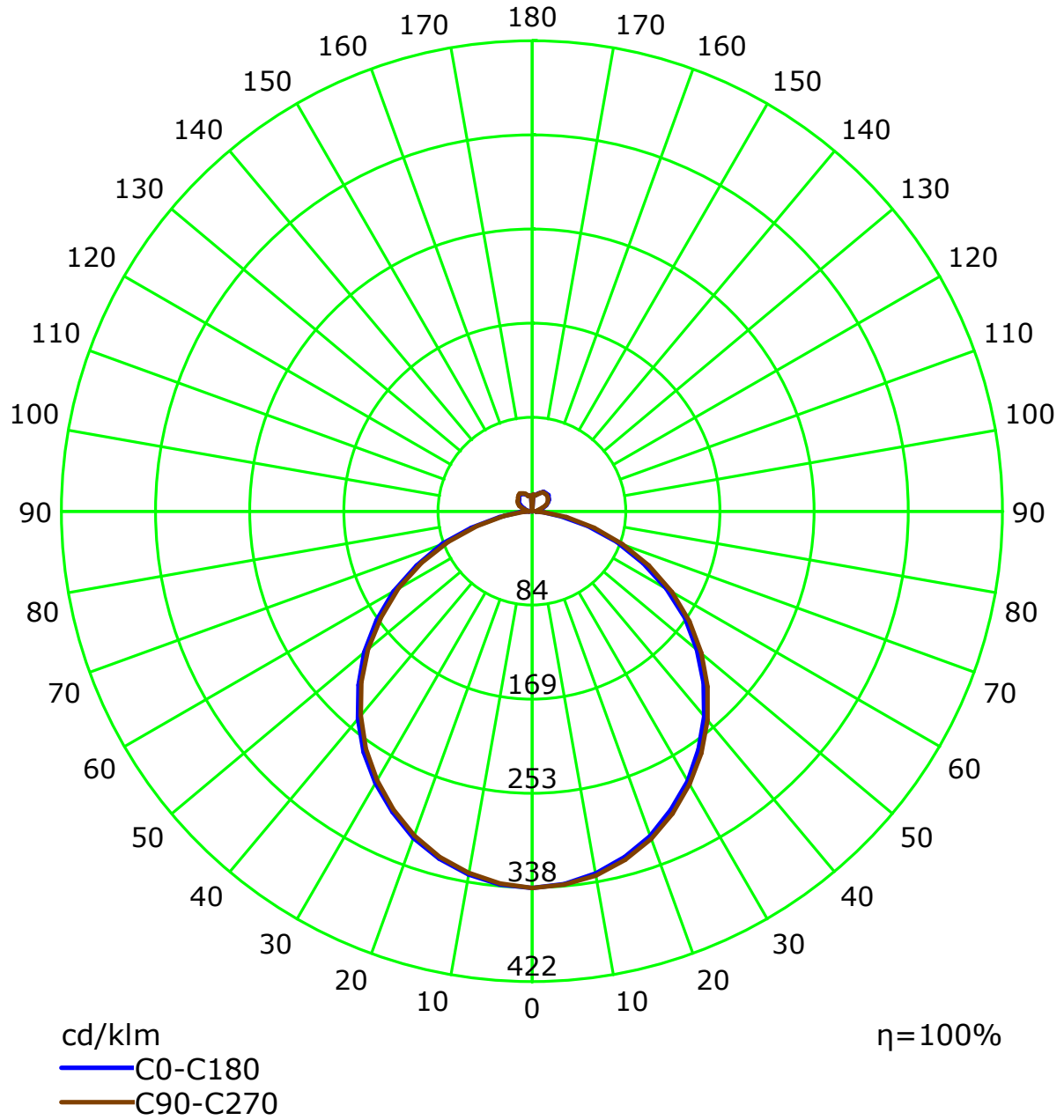
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 '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)



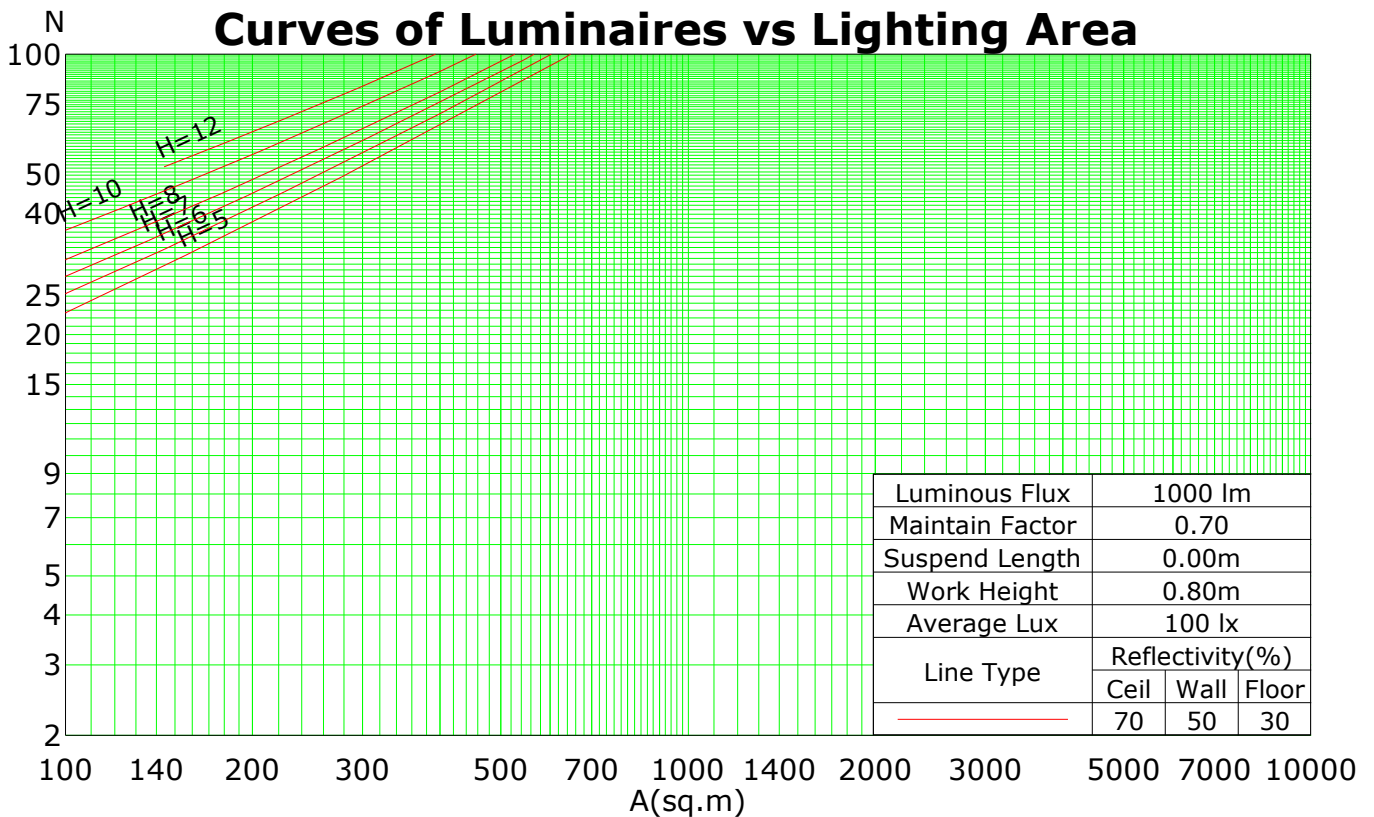
C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 'C  
 Operator: KOBE

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	1.17	1.17	1.17	1.17	1.14	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1	1.07	1.03	.99	.95	1.04	1.00	.96	.93	.94	.91	.88	.89	.86	.84	.84	.82	.80	.78
2	.98	.90	.83	.77	.94	.87	.81	.76	.82	.77	.73	.78	.74	.70	.74	.71	.68	.65
3	.89	.79	.71	.65	.86	.77	.69	.63	.73	.66	.61	.69	.64	.59	.65	.61	.57	.55
4	.82	.70	.61	.55	.79	.68	.60	.54	.65	.58	.52	.61	.56	.51	.58	.53	.49	.47
5	.75	.62	.54	.47	.72	.61	.53	.46	.58	.51	.45	.55	.49	.44	.53	.47	.43	.41
6	.69	.56	.47	.41	.67	.55	.47	.41	.52	.45	.40	.50	.44	.39	.48	.42	.38	.36
7	.64	.51	.42	.36	.62	.50	.42	.36	.48	.40	.35	.45	.39	.34	.43	.38	.34	.31
8	.60	.46	.38	.32	.58	.45	.37	.32	.43	.36	.31	.42	.35	.31	.40	.34	.30	.28
9	.56	.43	.34	.29	.54	.42	.34	.29	.40	.33	.28	.38	.32	.28	.37	.31	.27	.25
10	.52	.39	.31	.26	.51	.38	.31	.26	.37	.30	.26	.36	.29	.25	.34	.29	.25	.23

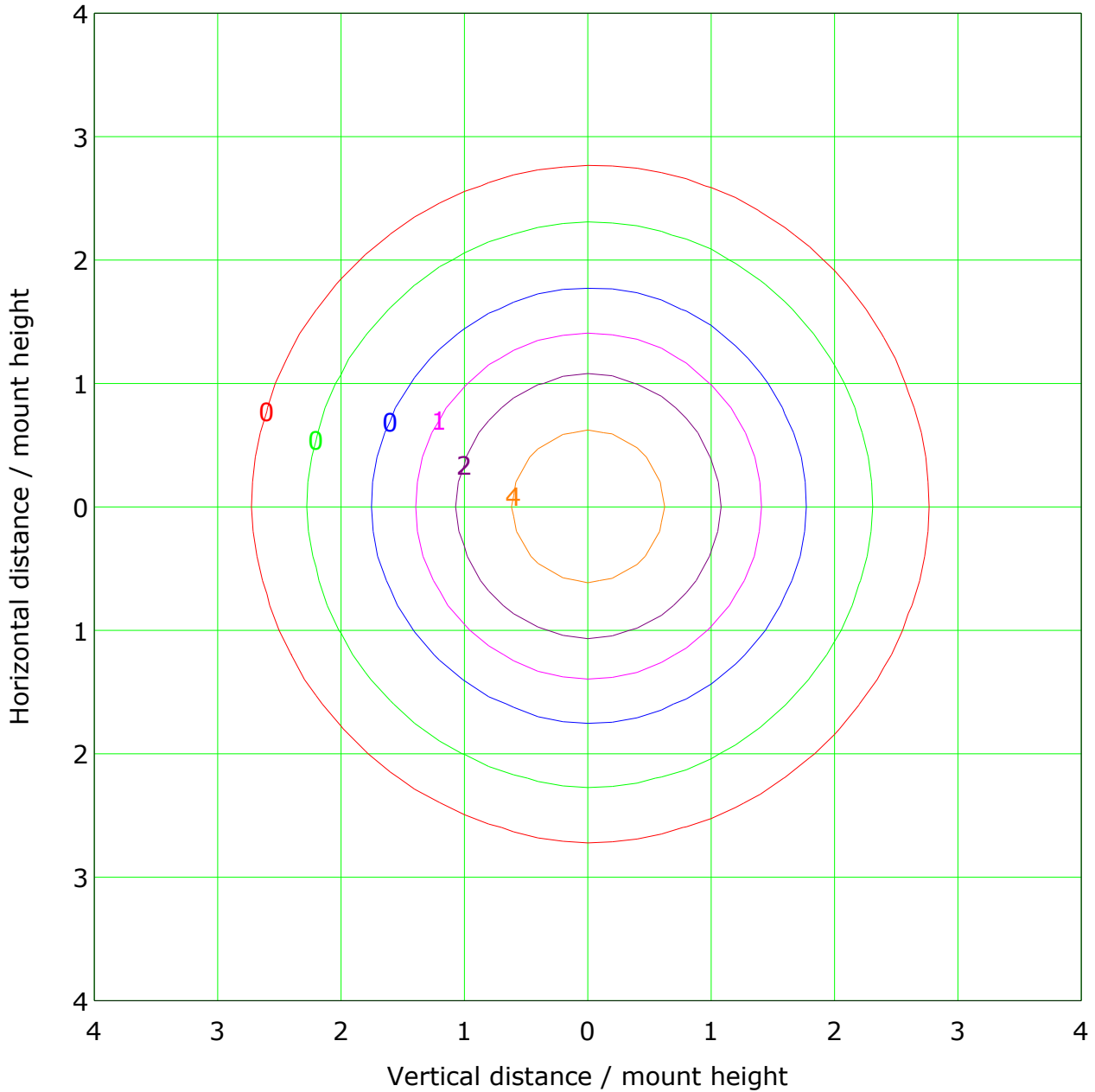
Spacing Criteria (0-180): 1.24  
 Spacing Criteria (90-270): 1.24  
 Spacing Criteria (Diagonal): 1.35



C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 °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%): 8.5 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.2 lx
— ( 5%):	0.4 lx	— ( 10%):	0.9 lx
— ( 20%):	1.7 lx	— ( 50%):	4.3 lx

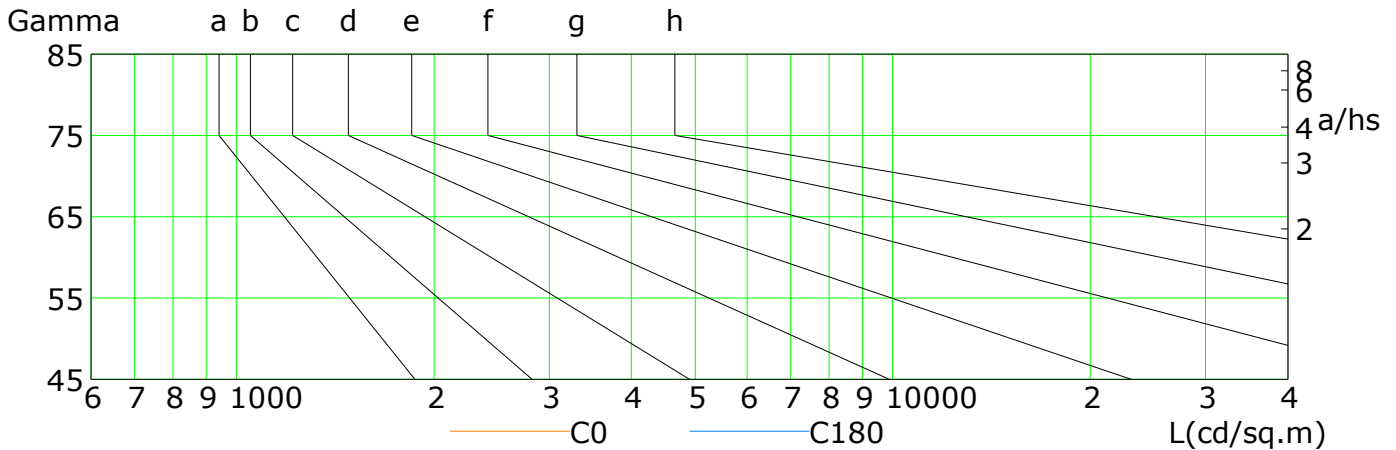
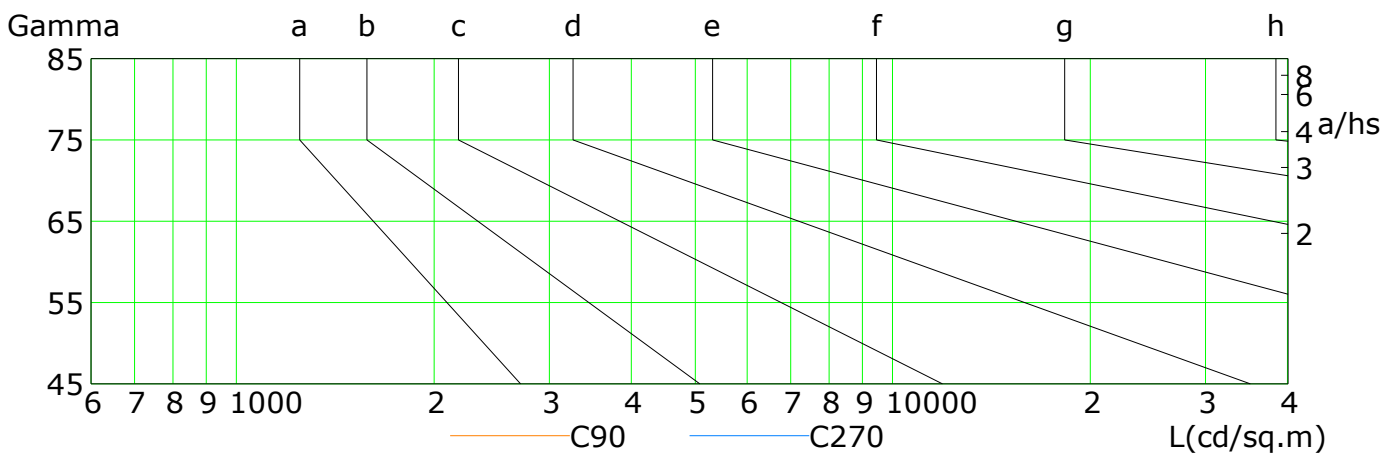
C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 'C  
 Operator: KOBE

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

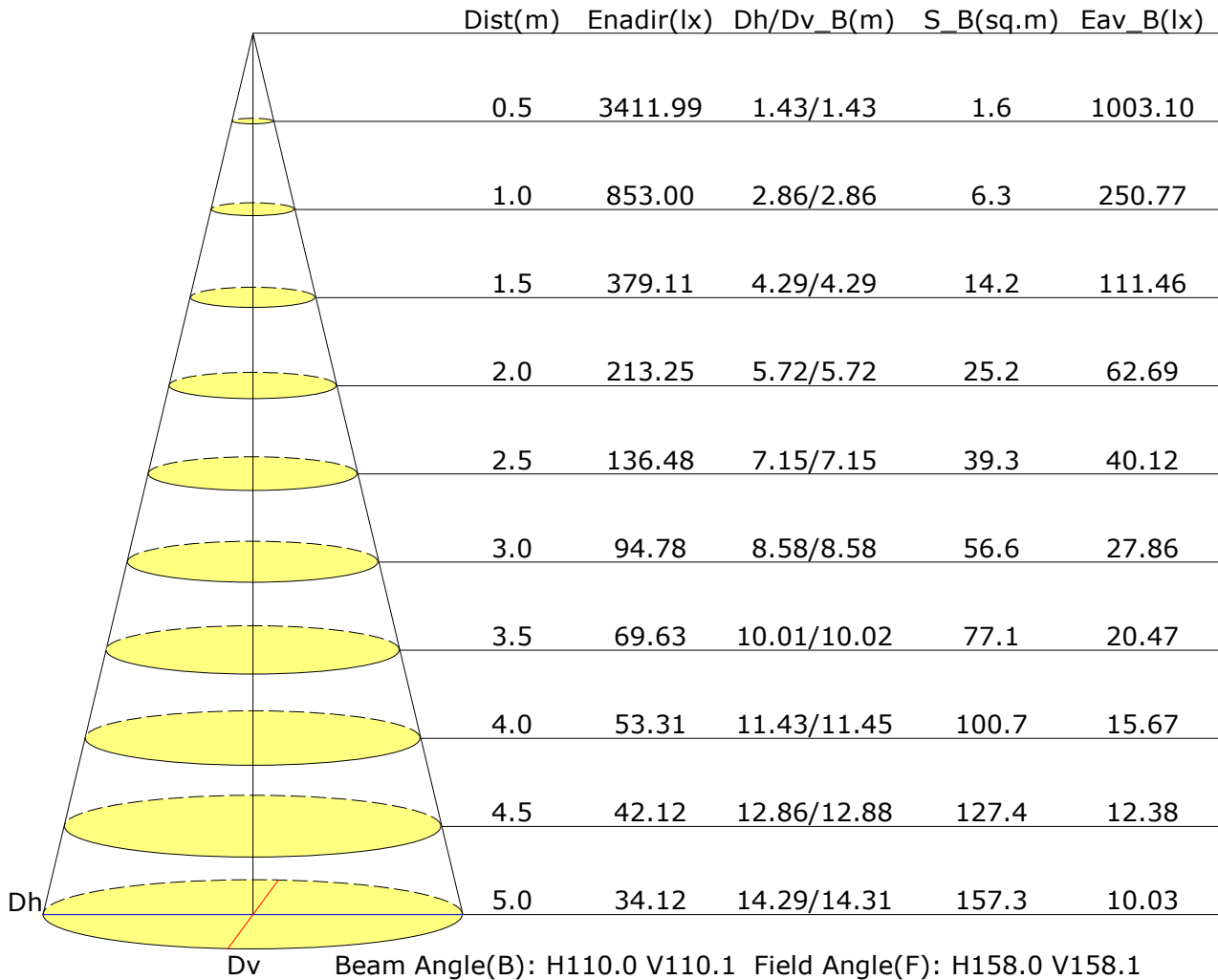


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	550	488	423	352	278	204	132	68	23
C90	562	500	436	366	293	218	145	80	30
C180	558	498	431	363	290	216	143	76	28
C270	548	486	419	350	277	203	131	66	23

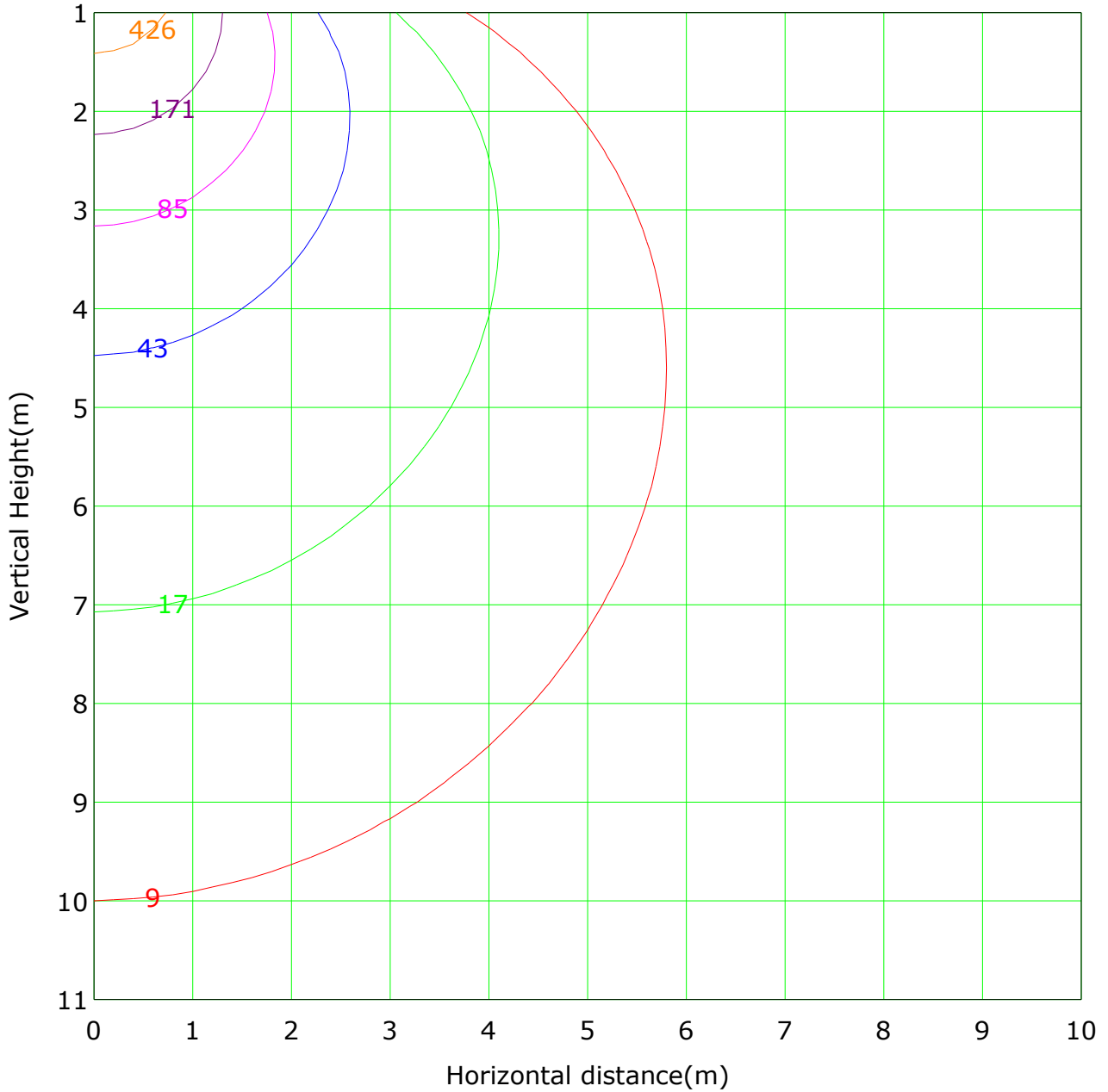
C Plane (°):0.0-360.0: 22.5  
Test Lab: Bacl  
Test Type: TYPE C  
Temperature: 25.5 'C  
Operator: KOBE

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

## Illuminance at a Distance



## Vertical IsoLux Plot



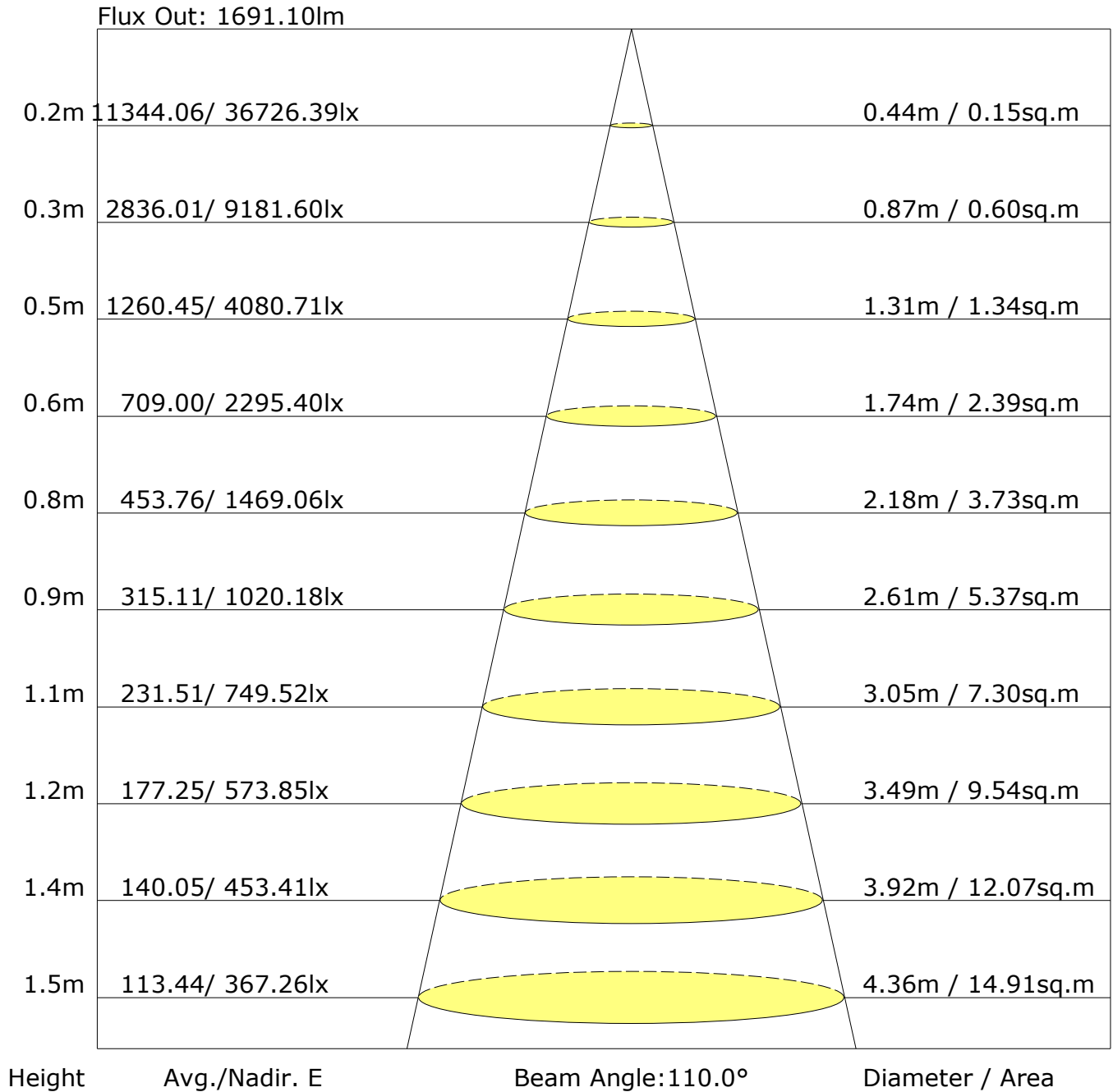
Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 853.0 lx
— ( 1%): 8.5 lx	— ( 2%): 17.1 lx	
— ( 5%): 42.6 lx	— ( 10%): 85.3 lx	
— ( 20%): 170.6 lx	— ( 50%): 426.5 lx	

C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 '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: 25.5 °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 2521lm ( $8\log(F/F_0) = 3.2$ ).

C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 '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 = 1.25								
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	0.56	0.66	0.73	0.78	0.86	0.90	0.94	0.98	1.01
	0.30		0.48	0.58	0.66	0.71	0.80	0.85	0.89	0.94	0.98
	0.20		0.42	0.53	0.60	0.66	0.75	0.81	0.85	0.91	0.95
0.50	0.50	0.20	0.53	0.63	0.70	0.75	0.81	0.86	0.89	0.93	0.96
	0.30		0.46	0.56	0.64	0.69	0.76	0.81	0.85	0.90	0.93
	0.20		0.42	0.52	0.59	0.64	0.72	0.78	0.81	0.87	0.90
0.30	0.50	0.20	0.51	0.60	0.67	0.71	0.77	0.81	0.84	0.88	0.90
	0.30		0.45	0.55	0.61	0.66	0.73	0.78	0.81	0.85	0.88
	0.20		0.41	0.50	0.57	0.62	0.70	0.75	0.78	0.83	0.86
0.00	0.00	0.00	0.38	0.47	0.53	0.58	0.65	0.70	0.73	0.77	0.80
<p>Rating:36W 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 = 1.25								
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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21
	0.30		0.81	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.92	0.75	0.64	0.55	0.44	0.39	0.31	0.24	0.19
	0.30		0.78	0.65	0.56	0.50	0.40	0.34	0.29	0.23	0.19
	0.20		0.67	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.18
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.34	0.29	0.22	0.18
	0.30		0.75	0.63	0.54	0.47	0.38	0.32	0.27	0.21	0.17
	0.20		0.66	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17
0.00	0.00	0.00	0.54	0.45	0.39	0.34	0.27	0.23	0.19	0.15	0.12
<p>Rating:36W 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 = 1.25								
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	0.24	0.25	0.26	0.26	0.27	0.28	0.28	0.29	0.29
	0.30		0.17	0.18	0.20	0.21	0.22	0.24	0.24	0.26	0.26
	0.20		0.12	0.14	0.15	0.17	0.19	0.20	0.21	0.23	0.24
0.50	0.50	0.20	0.23	0.24	0.25	0.25	0.26	0.27	0.27	0.27	0.28
	0.30		0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.25
	0.20		0.12	0.14	0.15	0.16	0.18	0.20	0.21	0.22	0.23
0.30	0.50	0.20	0.22	0.23	0.24	0.24	0.25	0.26	0.26	0.26	0.27
	0.30		0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
	0.20		0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23
0.00	0.00	0.00	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
<p>Rating:36W 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	850.6	20.3	20.3	0.81	0.81
5.0-10.0	841.3	60.2	80.5	2.39	3.19
10.0-15.0	823.6	97.7	178.2	3.88	7.07
15.0-20.0	798.5	131.6	309.9	5.22	12.29
20.0-25.0	766.1	160.7	470.6	6.37	18.66
25.0-30.0	727.5	184.1	654.7	7.30	25.97
30.0-35.0	683.4	201.3	856.0	7.98	33.95
35.0-40.0	633.8	211.5	1067.5	8.39	42.34
40.0-45.0	579.1	214.4	1281.9	8.51	50.84
45.0-50.0	519.7	210.0	1491.9	8.33	59.17
50.0-55.0	456.0	198.3	1690.2	7.87	67.04
55.0-60.0	388.4	179.5	1869.8	7.12	74.16
60.0-65.0	317.6	154.4	2024.2	6.12	80.29
65.0-70.0	244.2	123.6	2147.8	4.90	85.19
70.0-75.0	170.5	89.1	2237.0	3.53	88.72
75.0-80.0	102.1	54.6	2291.6	2.17	90.89
80.0-85.0	47.8	26.0	2317.5	1.03	91.92
85.0-90.0	17.1	9.3	2326.9	0.37	92.29
90.0-95.0	8.4	4.6	2331.5	0.18	92.47
95.0-100.0	9.5	5.1	2336.6	0.20	92.68
100.0-105.0	13.4	7.2	2343.8	0.28	92.96
105.0-110.0	19.5	10.2	2354.0	0.41	93.37
110.0-115.0	26.7	13.5	2367.5	0.54	93.90
115.0-120.0	32.9	16.0	2383.5	0.63	94.53
120.0-125.0	37.8	17.5	2400.9	0.69	95.23
125.0-130.0	41.7	18.1	2419.1	0.72	95.95
130.0-135.0	44.9	18.2	2437.2	0.72	96.67
135.0-140.0	47.7	17.7	2454.9	0.70	97.37
140.0-145.0	49.3	16.5	2471.3	0.65	98.02
145.0-150.0	49.3	14.5	2485.9	0.58	98.60
150.0-155.0	47.1	11.9	2497.8	0.47	99.07
155.0-160.0	43.9	9.2	2507.0	0.37	99.43
160.0-165.0	40.5	6.7	2513.7	0.26	99.70
165.0-170.0	37.8	4.5	2518.1	0.18	99.88
170.0-175.0	37.3	2.7	2520.8	0.11	99.98
175.0-180.0	18.8	0.5	2521.3	0.02	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab: Bacl  
 Test Type: TYPE C  
 Temperature: 25.5 '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	853.0	853.0	853.0	853.0	853.0	853.0	853.0	853.0	853.0	853.0
G5.0	847.8	847.6	847.7	847.6	849.3	850.8	850.6	850.4	849.0	848.5
G10.0	833.4	833.1	834.0	834.1	837.7	838.1	838.6	837.6	835.5	835.8
G15.0	811.7	811.8	812.0	812.5	817.0	817.3	819.2	816.7	815.2	814.1
G20.0	782.7	782.3	782.7	784.7	789.8	790.6	790.0	790.2	787.8	784.8
G25.0	746.3	746.2	747.0	749.4	755.3	755.5	754.8	755.9	751.9	749.4
G30.0	705.6	704.5	705.3	708.4	714.8	715.3	714.5	715.2	710.9	708.5
G35.0	658.5	657.2	657.1	661.5	670.0	669.1	668.6	669.4	665.7	661.8
G40.0	606.8	604.1	606.1	608.4	618.3	617.3	617.2	617.7	614.4	609.9
G45.0	550.3	546.7	547.5	553.4	561.8	560.0	560.3	561.9	557.8	551.7
G50.0	488.0	486.2	485.7	491.7	500.4	499.6	498.5	500.5	497.7	491.0
G55.0	422.8	419.7	420.3	425.5	435.8	434.4	433.1	435.9	431.0	424.7
G60.0	352.3	350.1	350.5	355.8	366.3	365.0	364.3	367.8	362.9	356.7
G65.0	278.2	278.2	278.4	283.9	292.8	294.0	292.8	294.9	290.2	284.6
G70.0	204.0	202.1	203.5	210.0	218.3	217.5	217.9	220.7	216.2	209.5
G75.0	131.7	129.7	130.3	136.2	145.4	144.7	144.1	147.0	143.2	136.4
G80.0	68.4	66.9	67.4	72.3	79.9	79.1	77.9	80.1	76.2	72.6
G85.0	23.1	22.9	24.6	26.2	29.6	30.1	30.8	32.0	27.8	26.3
G90.0	8.7	8.8	8.7	9.3	8.1	8.9	9.3	9.5	7.5	8.1
G95.0	8.8	9.4	8.2	8.4	8.1	7.7	6.8	6.9	6.8	7.3
G100.0	12.0	12.4	11.3	11.5	10.8	10.4	8.4	9.4	9.1	10.3
G105.0	18.1	16.7	18.2	18.3	16.4	14.4	11.2	10.9	13.8	13.6
G110.0	27.5	25.7	25.7	27.5	24.1	20.9	17.1	17.7	20.3	20.3
G115.0	36.2	34.3	31.9	36.0	32.9	28.4	22.4	24.9	27.6	27.4
G120.0	42.7	39.5	39.0	42.2	40.0	34.4	27.9	30.3	33.3	31.5
G125.0	47.4	43.0	46.4	44.8	44.9	35.8	35.3	34.4	37.6	34.8
G130.0	50.0	47.8	50.3	47.3	47.2	40.0	40.6	37.8	39.8	38.6
G135.0	52.4	51.0	52.8	49.6	50.3	43.8	43.9	41.0	43.3	41.4
G140.0	53.2	52.8	54.3	52.3	51.1	47.0	45.6	44.8	45.8	45.2
G145.0	53.0	53.2	53.5	52.3	50.7	47.7	47.2	47.1	47.3	46.7
G150.0	51.9	51.1	51.0	51.1	50.3	47.5	46.7	47.0	47.0	46.8
G155.0	47.7	46.2	47.1	48.0	47.8	44.9	44.1	44.4	44.5	44.3
G160.0	43.6	42.3	44.2	45.0	43.4	41.3	43.1	42.5	41.6	41.2
G165.0	39.4	39.9	40.3	40.5	39.9	38.9	38.8	37.8	38.0	37.5
G170.0	38.1	36.3	36.9	37.7	37.3	35.7	35.5	35.1	37.0	36.7
G175.0	39.7	38.9	40.2	38.7	39.4	38.1	38.8	38.2	35.4	35.4
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: 25.5 '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	853.0	853.0	853.0	853.0	853.0	853.0	853.0			
G5.0	848.2	846.9	847.0	846.9	846.5	845.2	847.8			
G10.0	834.5	833.4	832.3	832.0	830.5	830.7	833.4			
G15.0	812.1	811.6	811.4	808.7	807.6	806.5	811.7			
G20.0	784.3	781.9	781.7	778.4	777.2	776.5	782.7			
G25.0	748.1	745.2	746.0	741.8	739.4	738.0	746.3			
G30.0	706.2	703.9	703.8	699.2	696.8	696.2	705.6			
G35.0	659.3	656.6	657.3	650.8	648.4	648.2	658.5			
G40.0	606.3	603.5	604.6	598.3	595.0	595.5	606.8			
G45.0	548.0	546.9	547.7	539.1	536.0	537.9	550.3			
G50.0	486.5	484.9	486.2	477.2	474.1	475.1	488.0			
G55.0	421.0	418.6	418.8	410.4	407.7	409.3	422.8			
G60.0	351.2	348.3	349.6	341.6	337.9	338.7	352.3			
G65.0	279.5	277.6	276.8	269.4	266.3	266.8	278.2			
G70.0	204.3	202.8	203.0	194.5	190.8	193.2	204.0			
G75.0	131.7	130.6	130.8	123.1	119.1	122.5	131.7			
G80.0	68.1	66.2	65.9	61.2	58.7	59.6	68.4			
G85.0	24.7	23.3	22.7	21.7	21.6	20.3	23.1			
G90.0	8.4	8.1	8.3	8.9	8.8	9.1	8.7			
G95.0	7.6	7.7	8.8	8.8	8.6	9.1	8.8			
G100.0	9.5	11.5	11.3	12.1	10.8	12.8	12.0			
G105.0	14.9	17.0	18.0	18.9	17.1	16.4	18.1			
G110.0	19.9	24.8	25.4	25.7	22.9	25.8	27.5			
G115.0	23.9	30.4	32.4	32.9	27.2	32.5	36.2			
G120.0	30.3	34.4	37.5	36.4	33.7	37.2	42.7			
G125.0	37.0	36.9	41.5	37.6	40.6	40.6	47.4			
G130.0	41.4	40.2	43.0	41.5	45.0	44.0	50.0			
G135.0	44.1	43.4	46.6	45.2	47.5	47.2	52.4			
G140.0	46.2	47.1	49.6	48.4	50.4	49.8	53.2			
G145.0	47.6	48.1	50.4	48.9	50.3	51.2	53.0			
G150.0	46.7	46.4	48.5	48.6	49.7	50.7	51.9			
G155.0	41.4	43.3	45.5	45.9	44.3	46.9	47.7			
G160.0	39.3	39.7	42.4	42.7	41.8	43.7	43.6			
G165.0	37.0	35.6	36.8	38.3	39.6	39.6	39.4			
G170.0	36.6	37.5	37.2	36.8	37.3	39.3	38.1			
G175.0	37.4	36.7	35.9	35.3	36.6	37.8	39.7			
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: 25.5 'C  
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Gamma Plane (°):0.0-180.0:5.0  
 Test Device: GPM-3000  
 Distance: 14.073 m  
 Humidity: 48  
 Inspector: