

Report No.: PKS190513053-10

Test Time: 2019-5-23 11:38

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: DS75V2ES-LW
Lamp Description: 3500K
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 21.22 W

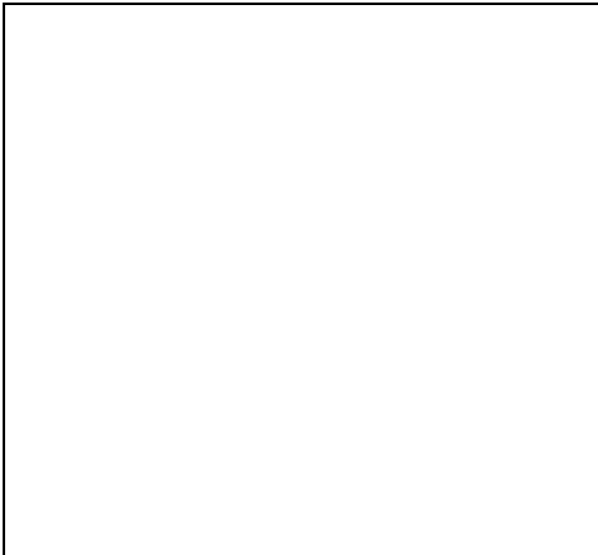
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.178 A
Power Factor: 0.992

Photometric Results

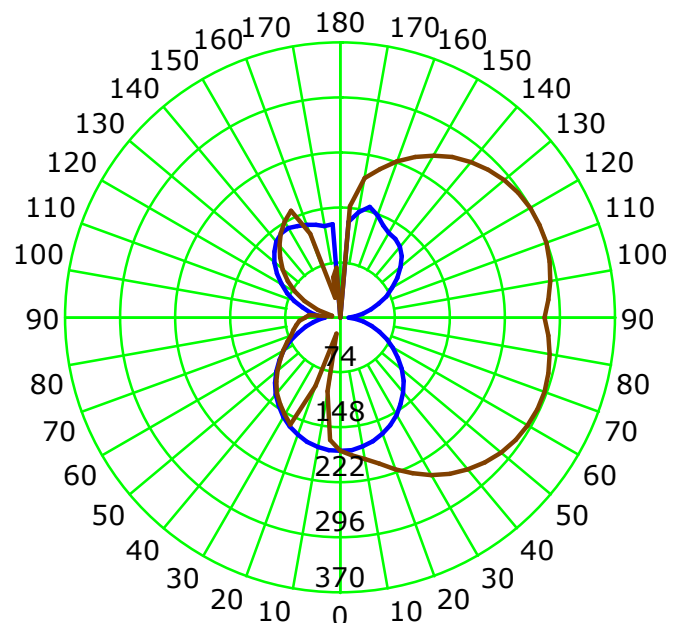
CIE Class: General Diffuse
Measurement Flux: 1698.1 lm
Downward Ratio: 51%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 358.6, 356.8, 358.3, 357.7
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 353.0, 331.5, 351.7, 328.4
Luminaire Efficacy Rating (LER): 80.08
Max. Intensity: 296.4 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 1698.1 lm
Efficiency: 100%
Upward Ratio: 49%
C0r0 Intensity: 179.9 cd
Pos of Max. Intensity: H90 V115
S/MH(C90/C270): 1.68

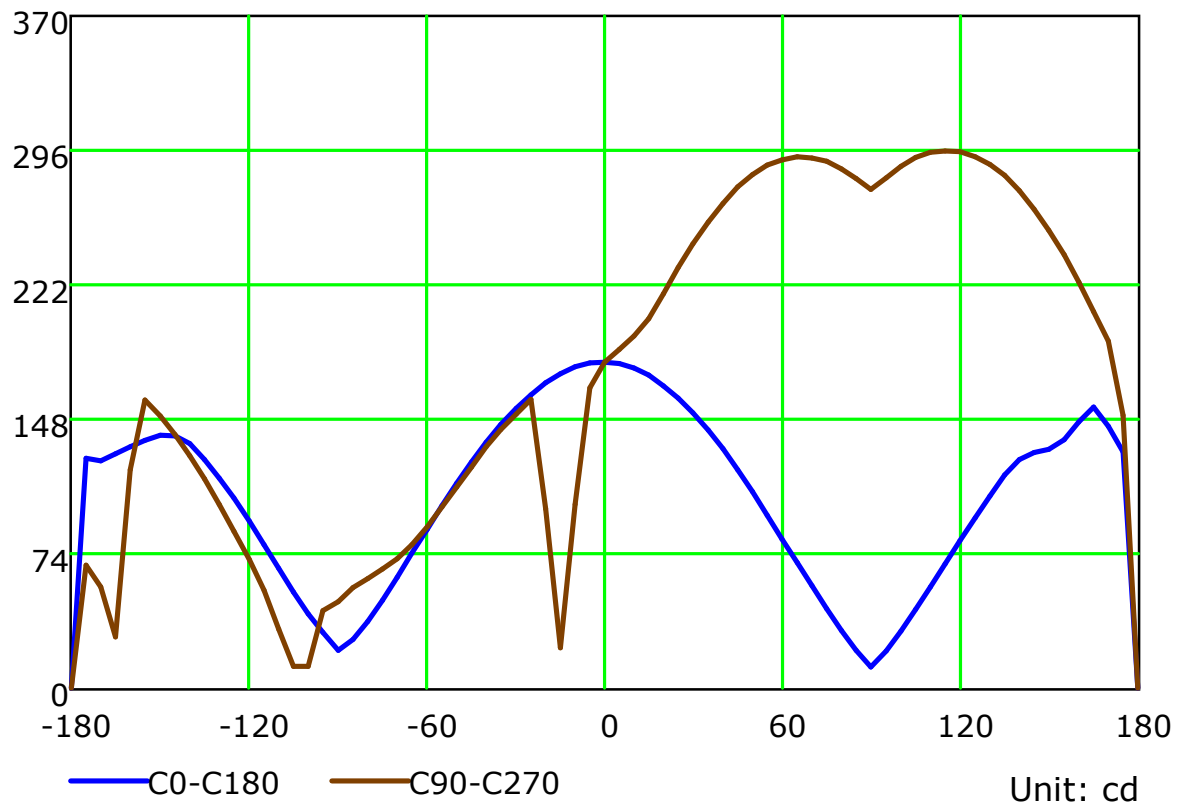
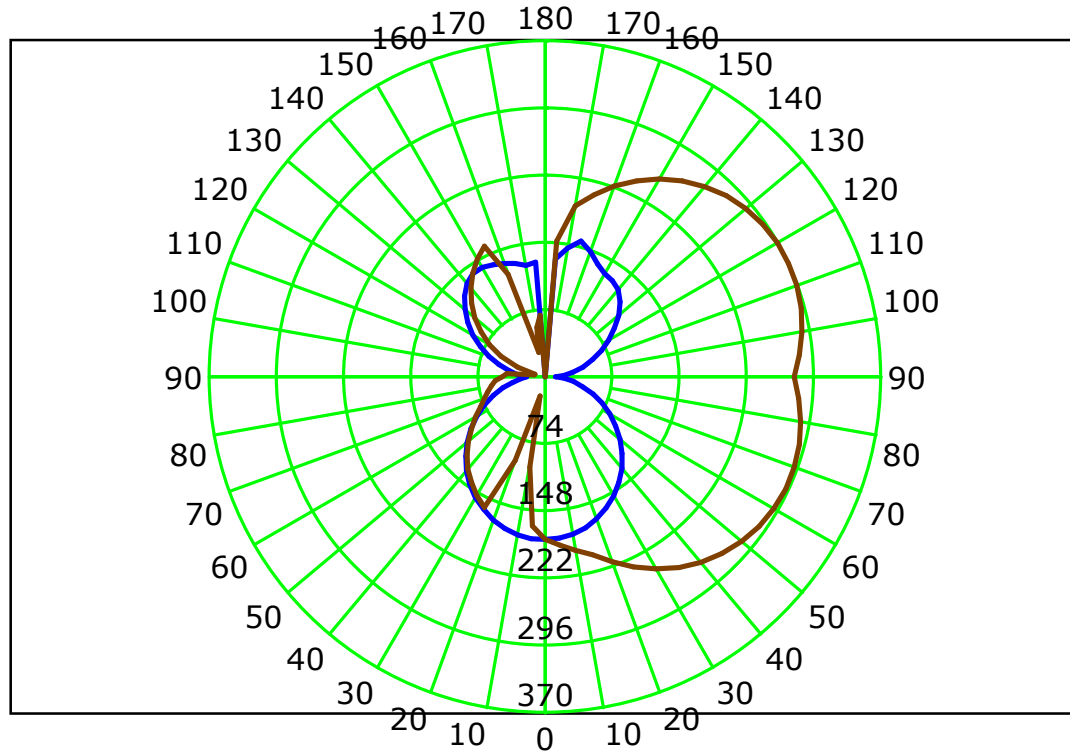
Picture Of Luminaire



Luminous Intensity Distribution Curve



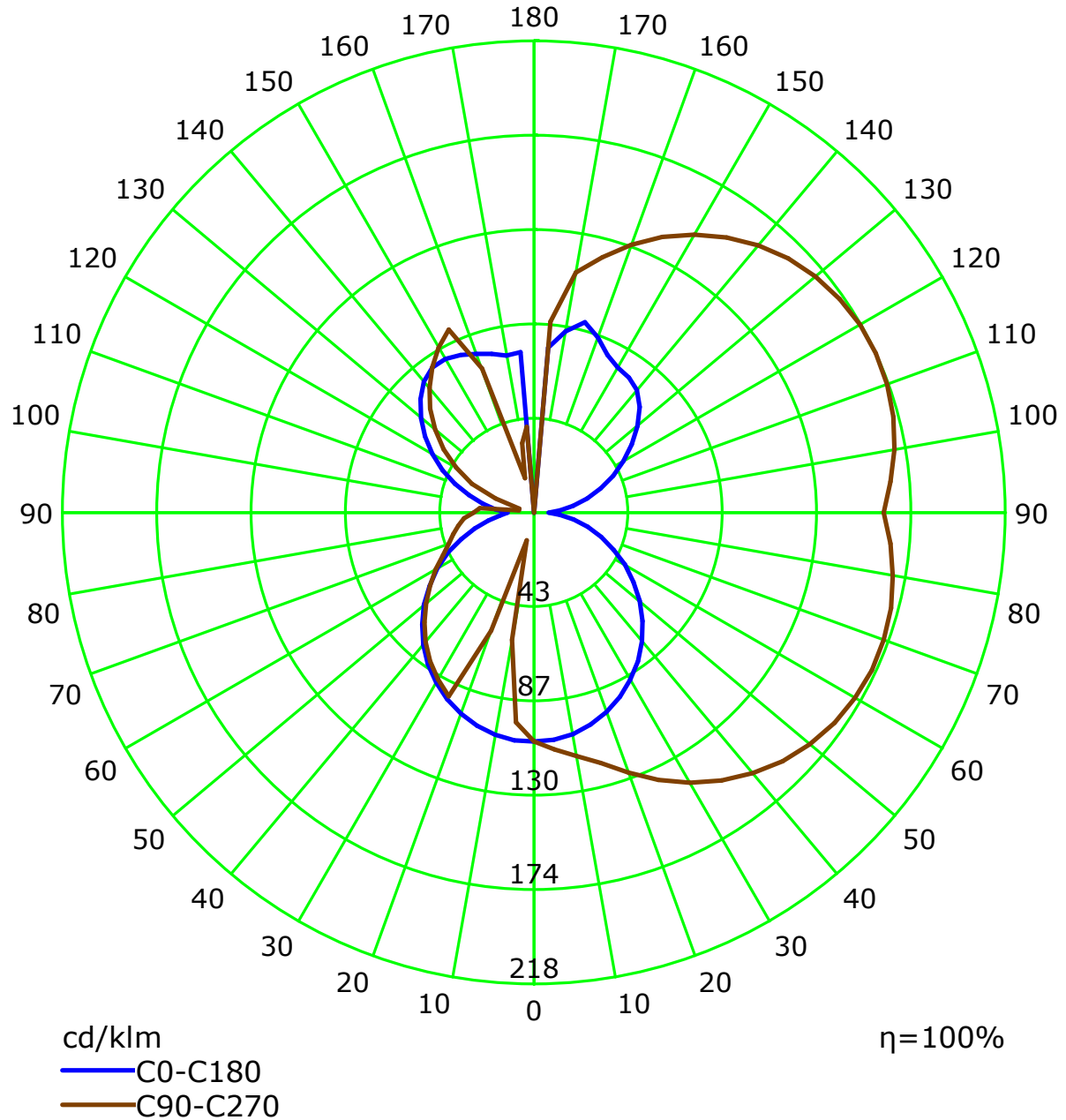
Luminous Intensity Distribution Curve



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)



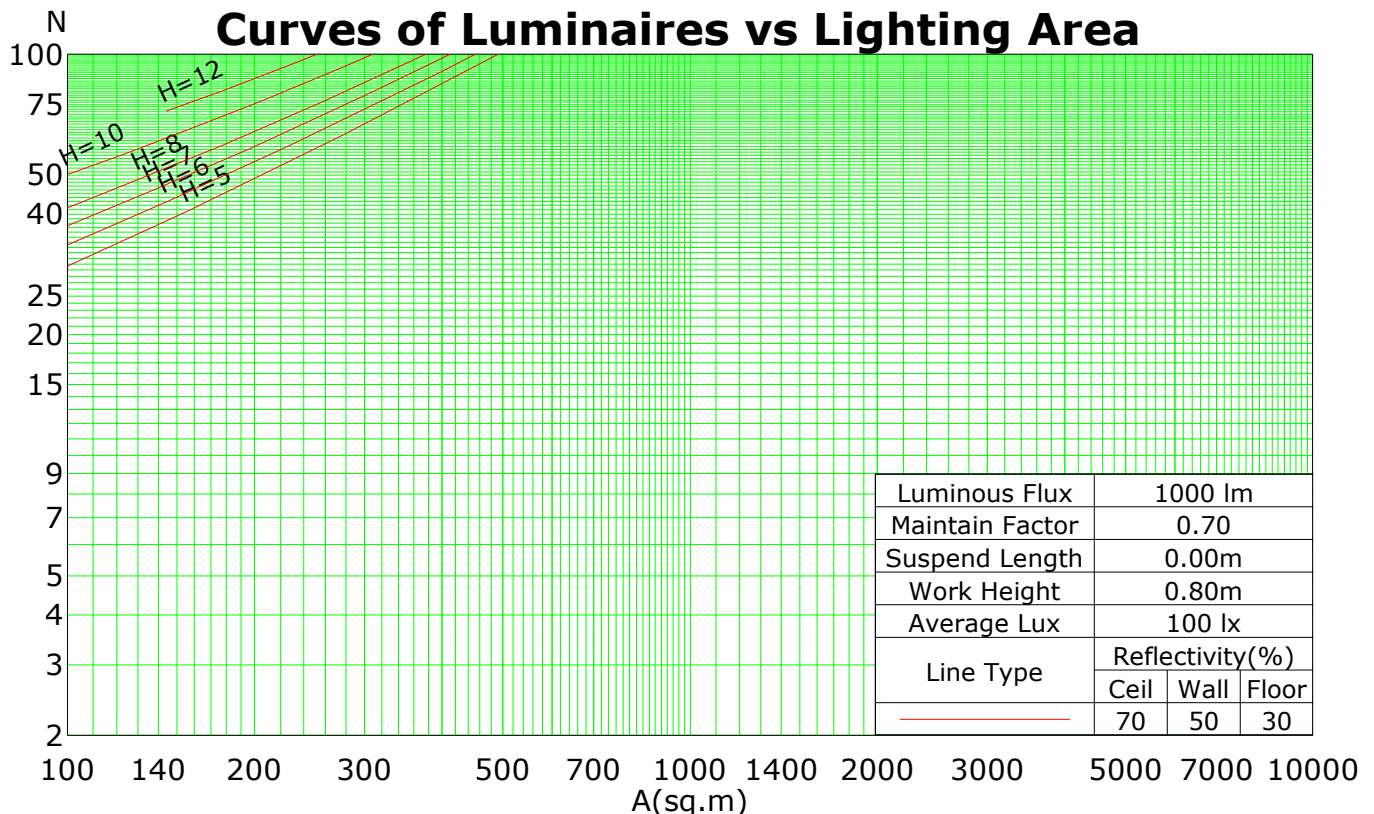
Coefficients Of Utilization - Zonal Cavity Method

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	.99	.99	.99	.99	.84	.84	.84	.70	.70	.70	.57	.57	.57	.51
1	.95	.89	.84	.79	.87	.82	.77	.73	.69	.65	.62	.56	.54	.51	.45	.43	.41	.36
2	.85	.76	.68	.62	.78	.70	.63	.57	.58	.53	.49	.48	.44	.40	.38	.35	.32	.28
3	.77	.65	.57	.50	.70	.60	.53	.46	.50	.44	.39	.41	.36	.33	.32	.29	.26	.22
4	.70	.57	.48	.41	.63	.53	.45	.38	.44	.38	.33	.36	.31	.27	.28	.25	.22	.18
5	.64	.51	.41	.35	.58	.46	.38	.32	.39	.32	.27	.32	.27	.23	.25	.21	.18	.15
6	.58	.45	.36	.30	.53	.41	.33	.28	.35	.28	.23	.28	.23	.20	.23	.19	.16	.13
7	.54	.40	.32	.26	.49	.37	.29	.24	.31	.25	.20	.26	.21	.17	.20	.17	.14	.11
8	.50	.36	.28	.22	.45	.34	.26	.21	.28	.22	.18	.23	.18	.15	.19	.15	.12	.09
9	.46	.33	.25	.20	.42	.31	.23	.18	.26	.20	.16	.21	.17	.13	.17	.13	.11	.08
10	.43	.30	.22	.17	.39	.28	.21	.16	.24	.18	.14	.20	.15	.12	.16	.12	.10	.07

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.68

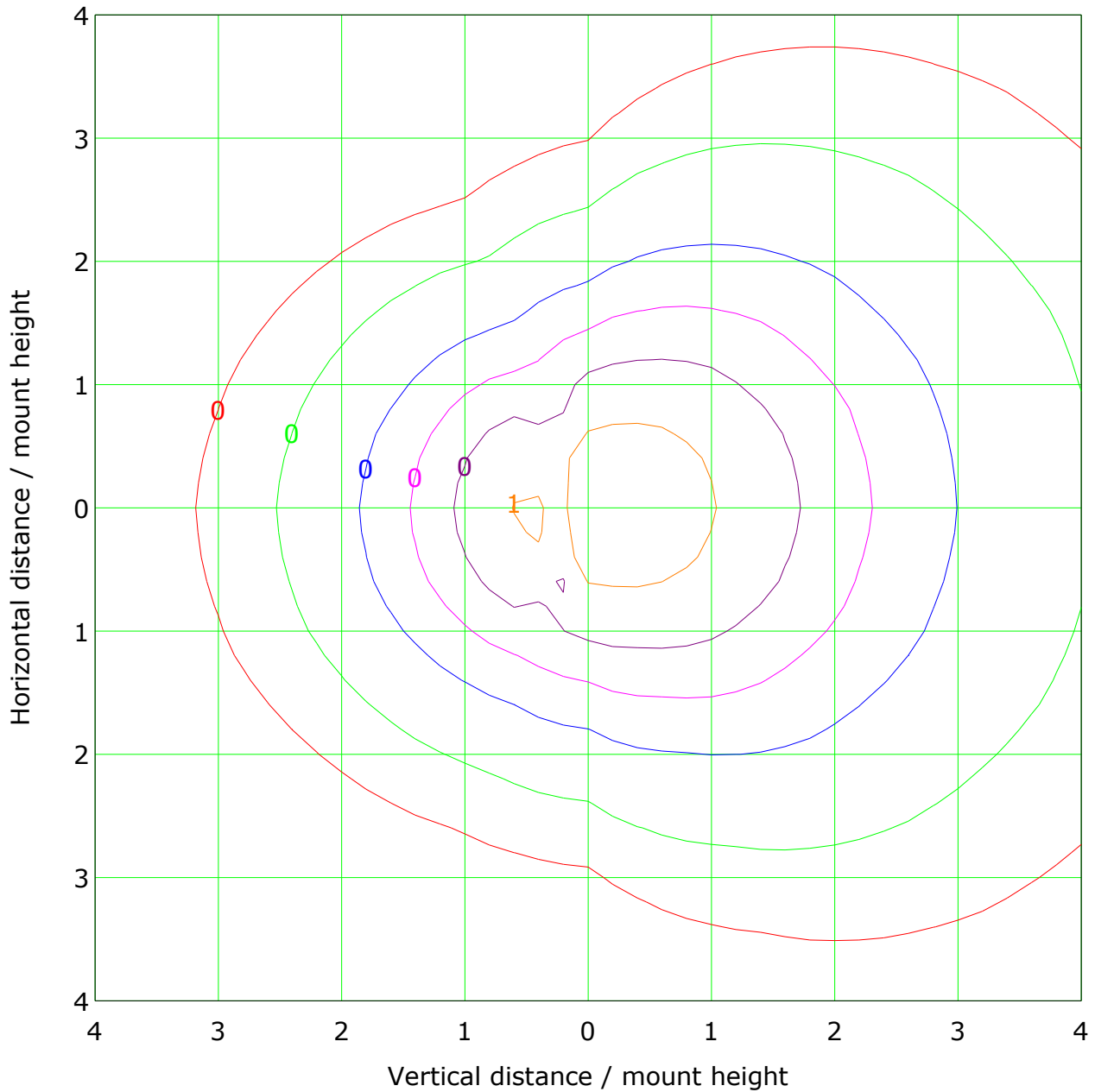
Spacing Criteria (Diagonal): 1.63



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:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.9 lx

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

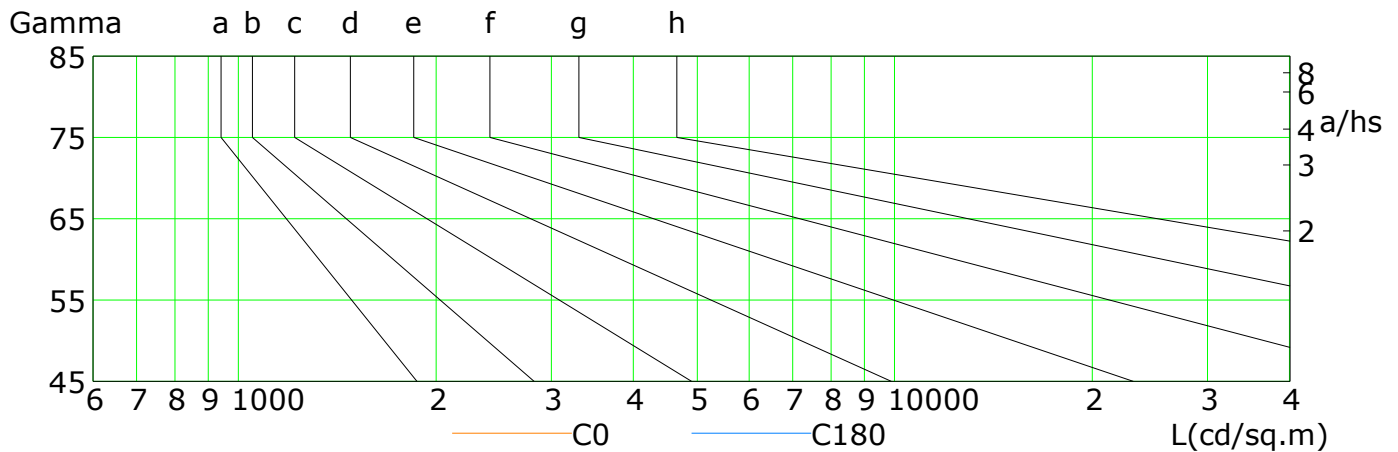
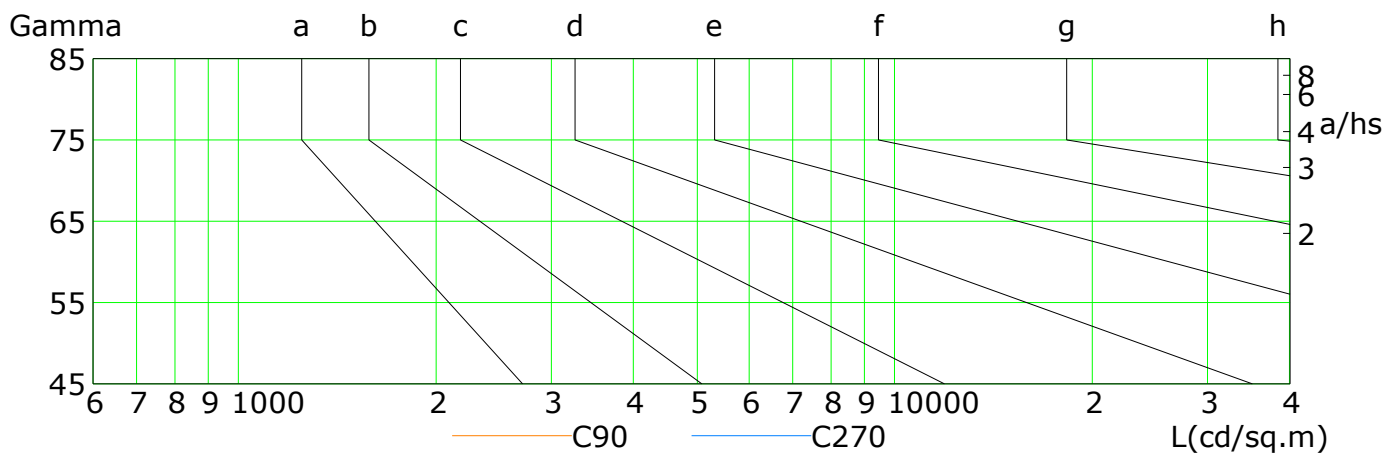
C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.4 'C
Operator: KOBE

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

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

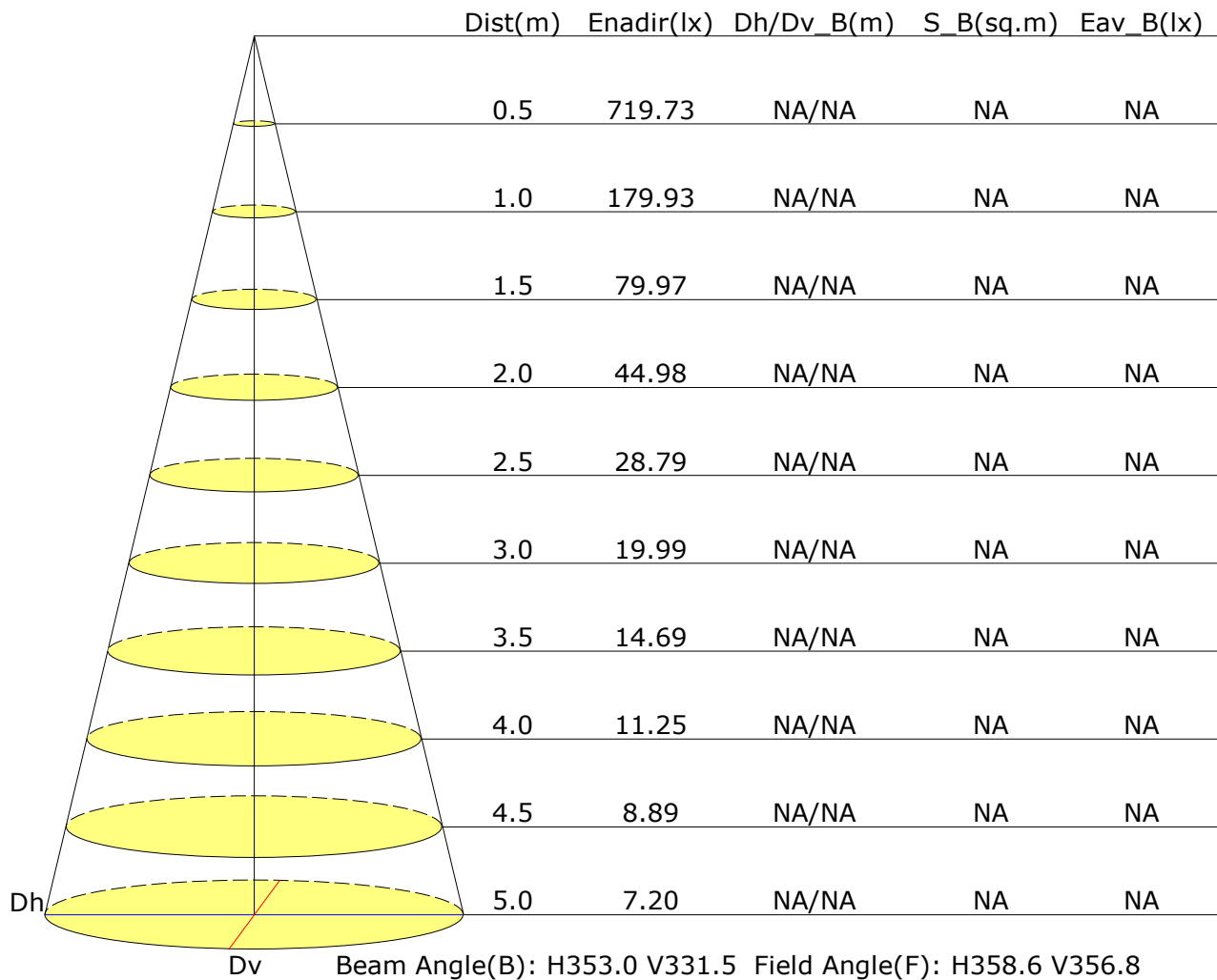


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	121	108	96	83	69	57	44	32	21
C90	276	283	288	291	293	293	291	286	281
C180	125	113	101	88	74	61	49	37	27
C270	122	111	100	89	79	71	66	60	56

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Distance: 14.073 m
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Inspector:

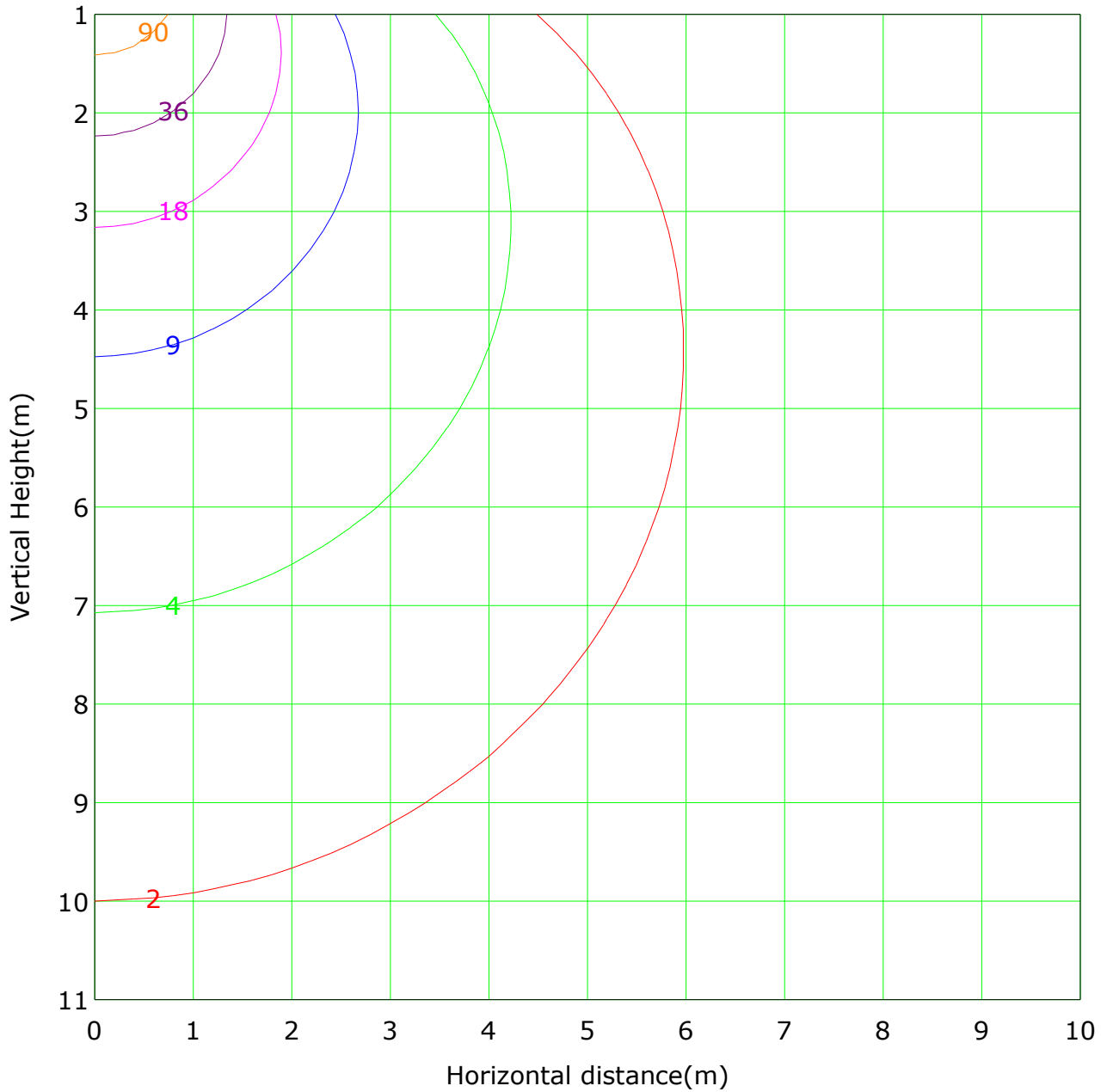
Illuminance at a Distance



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:

Vertical IsoLux Plot

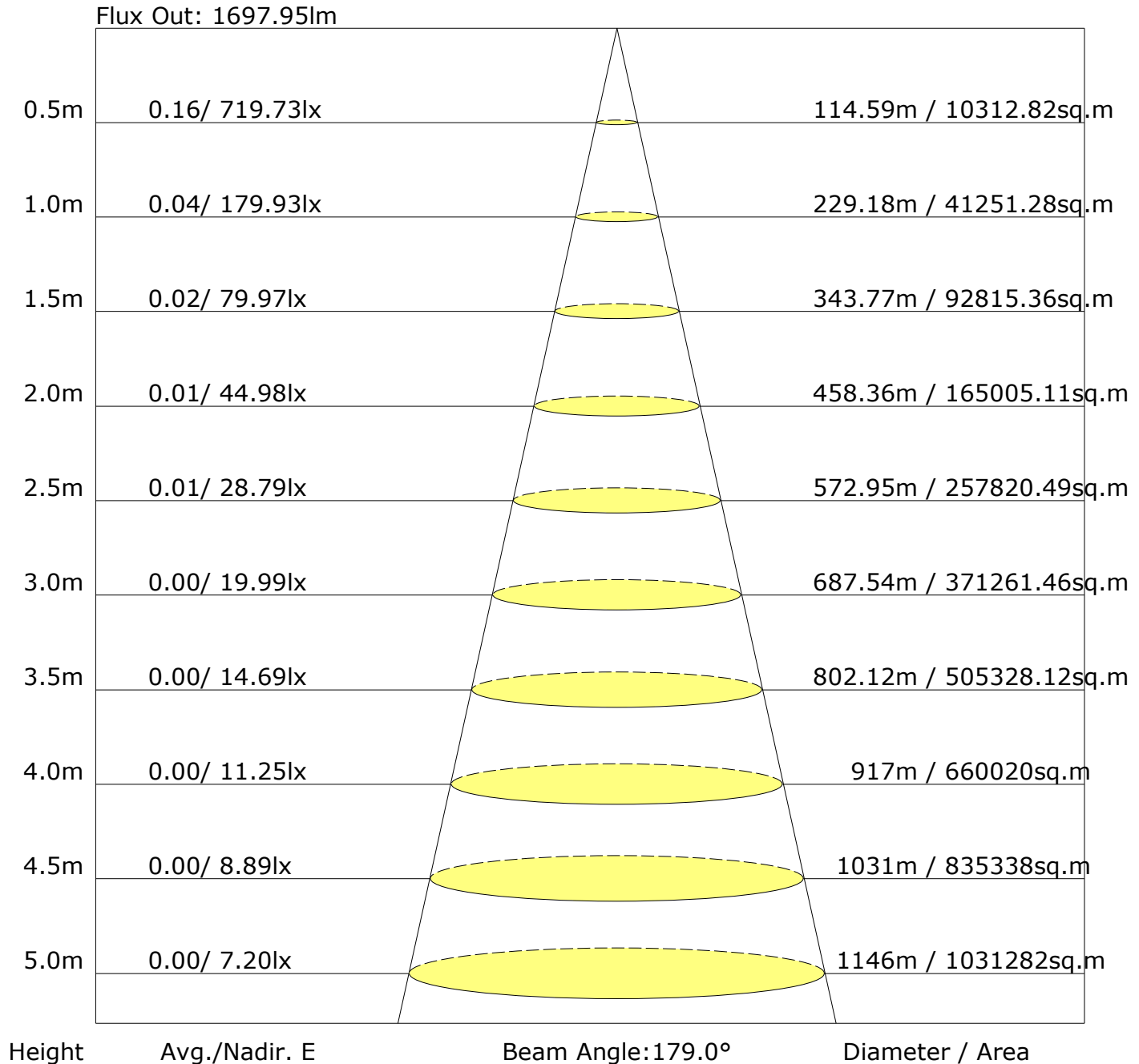


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 179.9 lx
— (1%): 1.8 lx — (2%): 3.6 lx
— (5%): 9.0 lx — (10%): 18.0 lx
— (20%): 36.0 lx — (50%): 90.0 lx

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:

The Average Illuminance Effective Figure



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:

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 1698lm ($8\log(F/F_0) = 1.8$).

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:

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	0.55	0.59	0.66	0.71	0.75	0.79	0.83	
	0.30		0.33	0.40	0.47	0.52	0.59	0.65	0.69	0.74	0.78	
	0.20		0.27	0.34	0.41	0.46	0.54	0.59	0.64	0.70	0.74	
0.50	0.50	0.20	0.34	0.40	0.46	0.50	0.56	0.60	0.63	0.67	0.69	
	0.30		0.28	0.34	0.40	0.44	0.50	0.55	0.58	0.63	0.66	
	0.20		0.24	0.30	0.35	0.39	0.46	0.51	0.54	0.59	0.63	
0.30	0.50	0.20	0.28	0.33	0.38	0.41	0.46	0.49	0.51	0.55	0.57	
	0.30		0.24	0.29	0.33	0.37	0.42	0.45	0.48	0.52	0.55	
	0.20		0.20	0.25	0.30	0.33	0.38	0.42	0.45	0.49	0.52	
0.00	0.00	0.00	0.14	0.17	0.20	0.23	0.27	0.29	0.32	0.35	0.37	
Rating:21W 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 = 1.50									
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	0.97	0.84	0.73	0.65	0.54	0.46	0.40	0.32	0.27	
	0.30		0.81	0.72	0.64	0.58	0.49	0.42	0.37	0.30	0.26	
	0.20		0.70	0.63	0.57	0.52	0.44	0.39	0.35	0.29	0.25	
0.50	0.50	0.20	0.84	0.73	0.63	0.56	0.47	0.41	0.35	0.28	0.24	
	0.30		0.71	0.63	0.56	0.51	0.43	0.37	0.33	0.27	0.23	
	0.20		0.61	0.56	0.50	0.46	0.39	0.34	0.31	0.25	0.22	
0.30	0.50	0.20	0.71	0.62	0.54	0.48	0.40	0.34	0.30	0.25	0.21	
	0.30		0.61	0.54	0.48	0.44	0.37	0.32	0.29	0.23	0.20	
	0.20		0.53	0.48	0.44	0.40	0.34	0.30	0.27	0.22	0.19	
0.00	0.00	0.00	0.37	0.34	0.31	0.28	0.24	0.22	0.19	0.16	0.14	
Rating:21W 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 = 1.50									
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	0.64	0.65	0.66	0.67	0.67	0.68	0.68	0.68	0.69	
	0.30		0.57	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.65	
	0.20		0.53	0.54	0.55	0.56	0.57	0.59	0.60	0.61	0.62	
0.50	0.50	0.20	0.62	0.63	0.64	0.64	0.65	0.65	0.65	0.66	0.66	
	0.30		0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.62	0.63	
	0.20		0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.60	0.60	
0.30	0.50	0.20	0.60	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	
	0.30		0.55	0.56	0.57	0.58	0.58	0.59	0.60	0.60	0.61	
	0.20		0.52	0.53	0.53	0.54	0.55	0.56	0.57	0.58	0.59	
0.00	0.00	0.00	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	
Rating:21W 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	179.0	4.3	4.3	0.25	0.25
5.0-10.0	171.7	12.3	16.6	0.72	0.98
10.0-15.0	153.5	18.2	34.8	1.07	2.05
15.0-20.0	142.3	23.5	58.2	1.38	3.43
20.0-25.0	150.7	31.6	89.8	1.86	5.29
25.0-30.0	160.1	40.5	130.4	2.39	7.68
30.0-35.0	161.1	47.5	177.8	2.79	10.47
35.0-40.0	159.9	53.3	231.2	3.14	13.61
40.0-45.0	159.0	58.9	290.0	3.47	17.08
45.0-50.0	156.8	63.3	353.4	3.73	20.81
50.0-55.0	151.9	66.1	419.5	3.89	24.70
55.0-60.0	145.6	67.3	486.8	3.96	28.67
60.0-65.0	138.7	67.4	554.2	3.97	32.64
65.0-70.0	131.5	66.6	620.8	3.92	36.56
70.0-75.0	124.5	65.1	685.8	3.83	40.39
75.0-80.0	117.7	63.0	748.9	3.71	44.10
80.0-85.0	111.2	60.4	809.3	3.56	47.66
85.0-90.0	104.4	57.2	866.5	3.37	51.02
90.0-95.0	101.3	55.5	921.9	3.27	54.29
95.0-100.0	101.3	55.0	977.0	3.24	57.53
100.0-105.0	105.0	56.2	1033.1	3.31	60.84
105.0-110.0	114.7	60.0	1093.1	3.53	64.37
110.0-115.0	125.8	63.7	1156.8	3.75	68.12
115.0-120.0	135.7	66.0	1222.8	3.88	72.01
120.0-125.0	144.4	66.8	1289.5	3.93	75.94
125.0-130.0	151.9	66.1	1355.6	3.89	79.83
130.0-135.0	157.6	63.7	1419.3	3.75	83.58
135.0-140.0	161.1	59.7	1479.0	3.51	87.09
140.0-145.0	162.6	54.2	1533.2	3.19	90.29
145.0-150.0	162.4	47.8	1581.0	2.82	93.10
150.0-155.0	159.2	40.3	1621.3	2.37	95.48
155.0-160.0	146.7	30.8	1652.1	1.81	97.29
160.0-165.0	129.0	21.3	1673.4	1.25	98.54
165.0-170.0	122.8	14.6	1687.9	0.86	99.40
170.0-175.0	122.4	8.8	1696.7	0.52	99.92
175.0-180.0	60.1	1.4	1698.1	0.08	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	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9
G5.0	179.1	181.5	184.3	186.4	186.7	186.8	184.9	182.4	179.5	176.7
G10.0	176.7	182.2	188.4	193.1	194.2	193.9	189.8	184.2	177.4	170.2
G15.0	172.6	181.5	191.2	199.7	203.7	201.9	194.1	184.4	173.6	159.1
G20.0	166.8	179.0	193.8	211.0	217.6	214.3	199.4	183.3	168.5	141.7
G25.0	160.0	175.2	198.6	222.5	231.9	227.3	206.9	180.7	161.8	114.1
G30.0	151.7	170.2	203.3	233.4	245.2	239.5	213.7	178.1	154.3	78.4
G35.0	142.5	164.3	207.4	243.1	257.2	250.2	219.8	175.8	145.5	47.3
G40.0	132.2	158.7	210.4	251.1	267.5	259.6	224.7	173.3	135.7	39.6
G45.0	120.7	152.9	212.0	257.8	276.3	267.2	228.4	169.9	124.7	54.8
G50.0	108.4	146.5	212.4	262.7	283.1	272.9	230.6	165.7	113.1	71.4
G55.0	95.6	139.3	211.9	265.9	288.4	277.1	231.4	160.7	100.6	68.5
G60.0	82.5	131.8	209.9	267.5	291.4	279.5	230.7	154.7	87.6	59.8
G65.0	69.4	123.6	206.5	267.6	292.9	280.1	228.2	148.2	74.5	51.5
G70.0	56.5	115.3	202.0	265.8	292.5	278.8	224.7	141.1	61.2	43.0
G75.0	43.8	106.8	196.7	262.8	290.6	276.0	219.7	133.4	48.6	35.0
G80.0	31.8	98.4	190.6	258.2	286.3	271.8	214.2	125.5	36.8	29.0
G85.0	20.9	90.3	183.7	252.8	281.1	266.6	207.7	117.8	27.1	24.4
G90.0	11.8	82.5	177.2	246.6	275.1	260.1	201.1	110.8	21.0	18.6
G95.0	20.5	90.3	183.9	252.9	281.3	266.6	208.3	118.7	30.9	13.4
G100.0	31.4	99.7	192.2	259.9	287.6	272.9	215.6	127.4	41.3	23.3
G105.0	43.4	109.2	199.5	265.6	292.6	278.0	221.8	135.6	53.3	32.5
G110.0	55.9	118.6	206.2	269.5	295.5	280.9	227.0	143.6	66.2	42.4
G115.0	68.7	127.8	211.6	272.3	296.4	282.8	231.3	151.2	79.4	52.0
G120.0	81.3	136.2	215.9	273.4	295.9	283.1	234.1	158.3	92.3	61.5
G125.0	93.9	144.5	218.7	272.3	293.2	281.2	235.6	164.2	104.8	70.1
G130.0	106.2	151.8	220.0	269.8	289.0	277.6	235.1	169.5	115.9	73.2
G135.0	117.6	158.8	220.6	265.7	282.7	272.2	232.8	174.0	126.3	55.2
G140.0	126.0	166.1	221.0	260.8	274.4	264.2	227.5	177.3	134.8	39.3
G145.0	130.0	173.1	220.8	254.0	264.3	254.0	220.3	179.2	139.3	44.1
G150.0	131.7	179.1	219.3	245.9	252.5	241.7	211.7	179.8	139.6	66.9
G155.0	137.1	183.4	216.0	235.5	239.0	228.2	201.9	177.0	136.7	87.4
G160.0	146.8	186.4	210.5	223.1	224.0	212.8	183.4	157.1	133.0	96.8
G165.0	155.2	185.2	200.7	208.8	207.8	196.1	150.7	140.9	129.4	97.9
G170.0	144.7	178.1	188.7	193.2	191.6	152.7	123.8	118.8	125.4	96.4
G175.0	130.5	134.6	167.1	173.8	150.7	118.4	128.8	129.6	126.9	120.0
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: 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	179.9	179.9	179.9	179.9	179.9	179.9	179.9			
G5.0	172.5	167.4	165.7	166.9	171.2	175.7	179.1			
G10.0	151.2	118.5	101.4	113.6	144.9	167.2	176.7			
G15.0	94.5	32.4	22.6	26.7	77.1	150.8	172.6			
G20.0	30.1	62.9	98.9	76.7	22.0	120.9	166.8			
G25.0	44.0	147.9	159.3	157.7	70.8	75.6	160.0			
G30.0	102.5	146.8	151.2	149.4	136.4	35.5	151.7			
G35.0	124.3	137.9	142.6	140.5	132.2	35.9	142.5			
G40.0	114.7	128.5	133.1	131.3	122.0	67.0	132.2			
G45.0	105.0	117.7	122.0	120.3	112.0	96.6	120.7			
G50.0	95.2	106.0	110.9	108.7	100.7	89.5	108.4			
G55.0	84.2	94.6	99.9	97.3	89.0	79.7	95.6			
G60.0	73.3	83.7	89.2	86.7	77.3	70.1	82.5			
G65.0	63.2	73.5	79.2	76.3	67.2	60.0	69.4			
G70.0	54.0	64.6	71.4	67.2	57.5	50.3	56.5			
G75.0	46.5	58.4	66.0	60.9	49.5	42.5	43.8			
G80.0	41.2	52.4	60.5	55.1	42.9	35.6	31.8			
G85.0	35.2	47.0	55.6	49.8	36.8	29.6	20.9			
G90.0	28.7	39.1	47.8	42.4	29.8	23.0	11.8			
G95.0	14.9	32.2	42.9	37.3	18.9	13.2	20.5			
G100.0	8.8	7.8	12.2	9.4	4.9	20.8	31.4			
G105.0	24.9	12.5	12.2	11.7	18.7	32.2	43.4			
G110.0	40.9	34.5	32.5	32.7	37.4	43.7	55.9			
G115.0	54.4	54.3	54.1	53.0	52.1	56.0	68.7			
G120.0	67.9	70.2	71.1	69.5	66.7	66.9	81.3			
G125.0	81.0	85.6	86.7	85.0	81.7	77.6	93.9			
G130.0	92.8	100.1	101.5	100.0	95.1	87.6	106.2			
G135.0	104.4	113.6	115.5	113.7	107.9	97.2	117.6			
G140.0	115.0	125.8	128.2	126.2	119.8	91.3	126.0			
G145.0	124.1	137.2	139.8	137.5	130.3	56.3	130.0			
G150.0	110.2	147.0	150.1	147.5	140.0	30.3	131.7			
G155.0	48.0	155.4	159.0	156.1	102.3	38.6	137.1			
G160.0	22.3	73.2	120.7	101.7	33.6	66.7	146.8			
G165.0	57.9	22.6	28.3	23.5	42.6	89.2	155.2			
G170.0	89.7	66.4	55.8	73.5	100.2	93.7	144.7			
G175.0	110.6	81.2	68.0	95.2	82.3	105.3	130.5			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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