

Report No.: PKS190513053-10

Test Time: 2019-5-15 15:04

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: DS75V3ES-LW
Lamp Description: 3500K
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 29.08 W

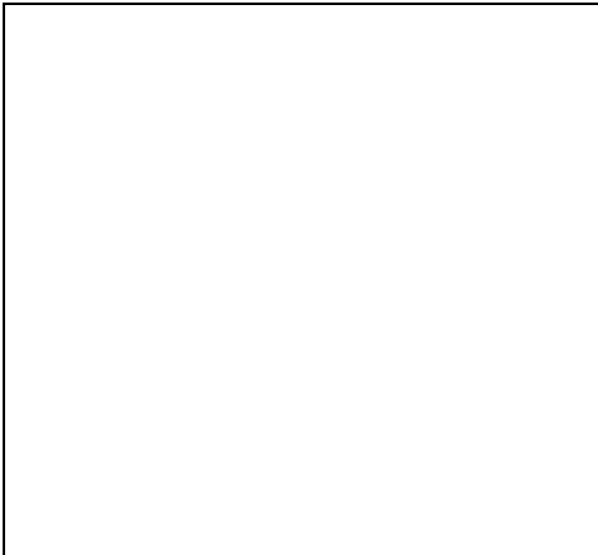
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.245 A
Power Factor: 0.987

Photometric Results

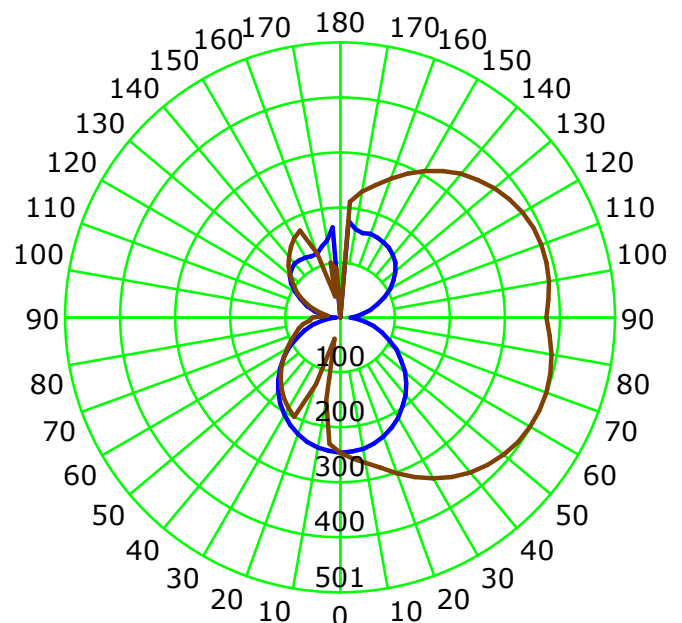
CIE Class: General Diffuse
Measurement Flux: 2214.6 lm
Downward Ratio: 53%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 358.6, 356.8, 358.1, 358.1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 352.8, 182.2, 326.1, 324.2
Luminaire Efficacy Rating (LER): 76.21
Max. Intensity: 401 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 2214.6 lm
Efficiency: 100%
Upward Ratio: 47%
C0r0 Intensity: 246.2 cd
Pos of Max. Intensity: H90 V65
S/MH(C90/C270): 1.65

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

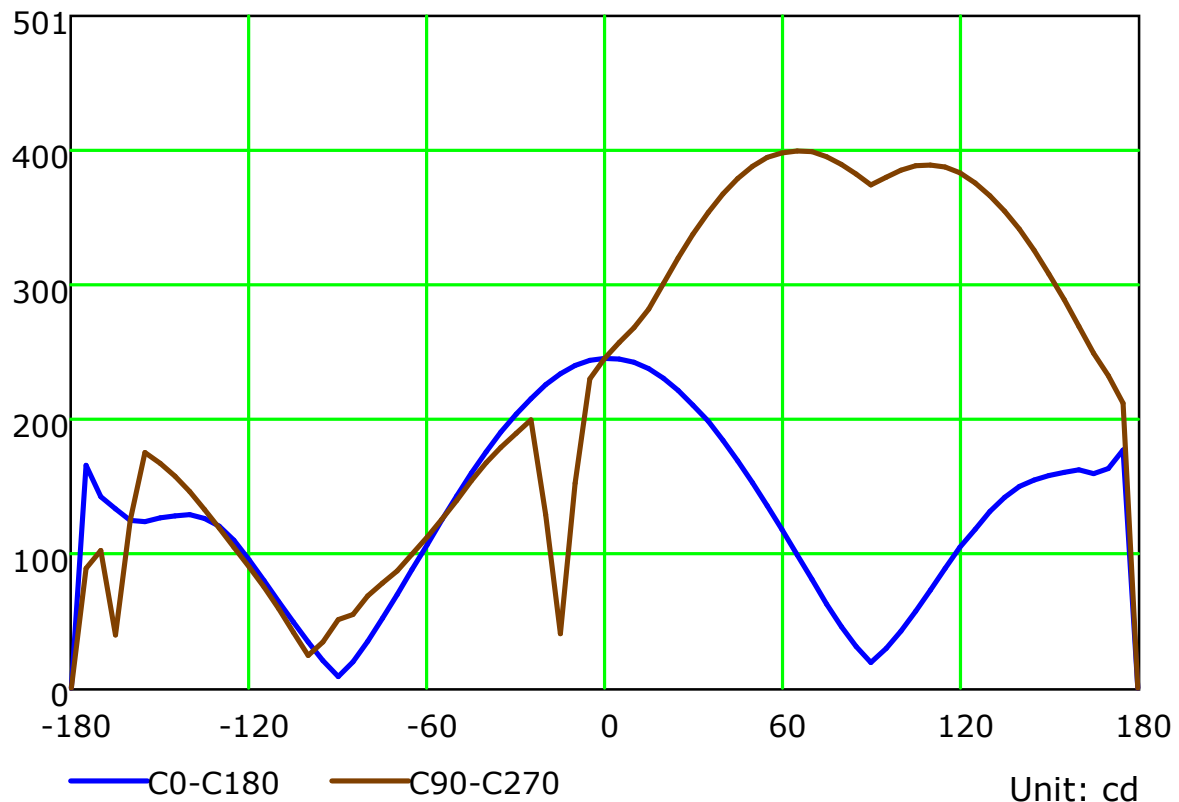
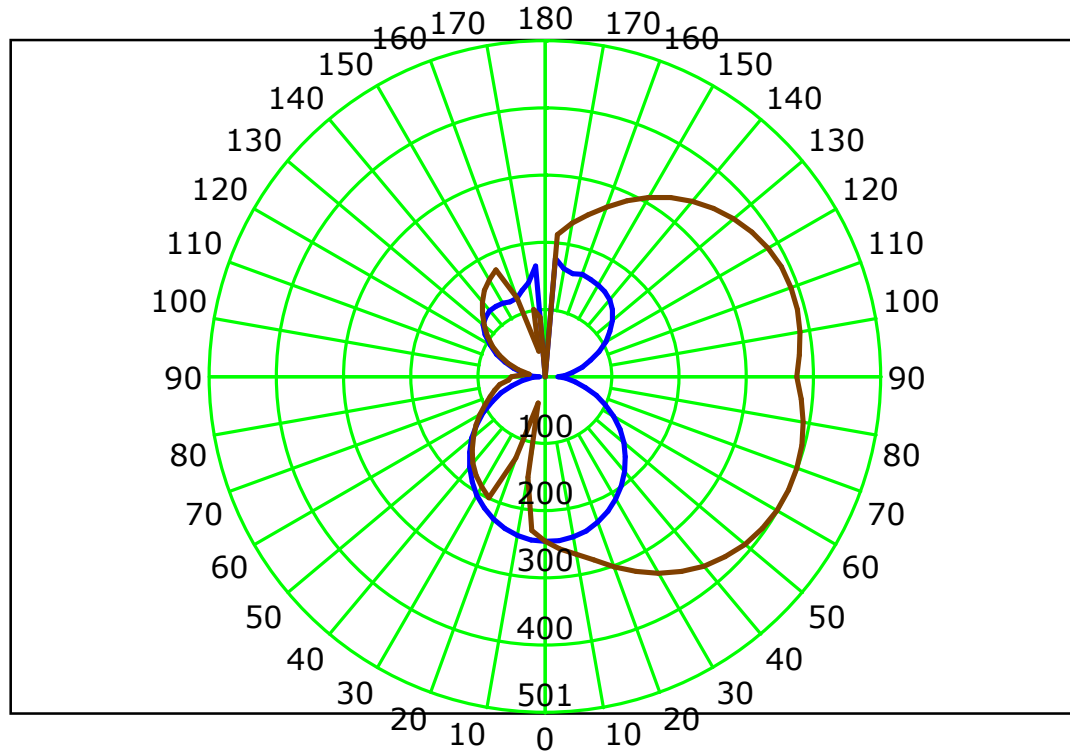
Average Diffuse Angle(50%): 267.5°

— 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:

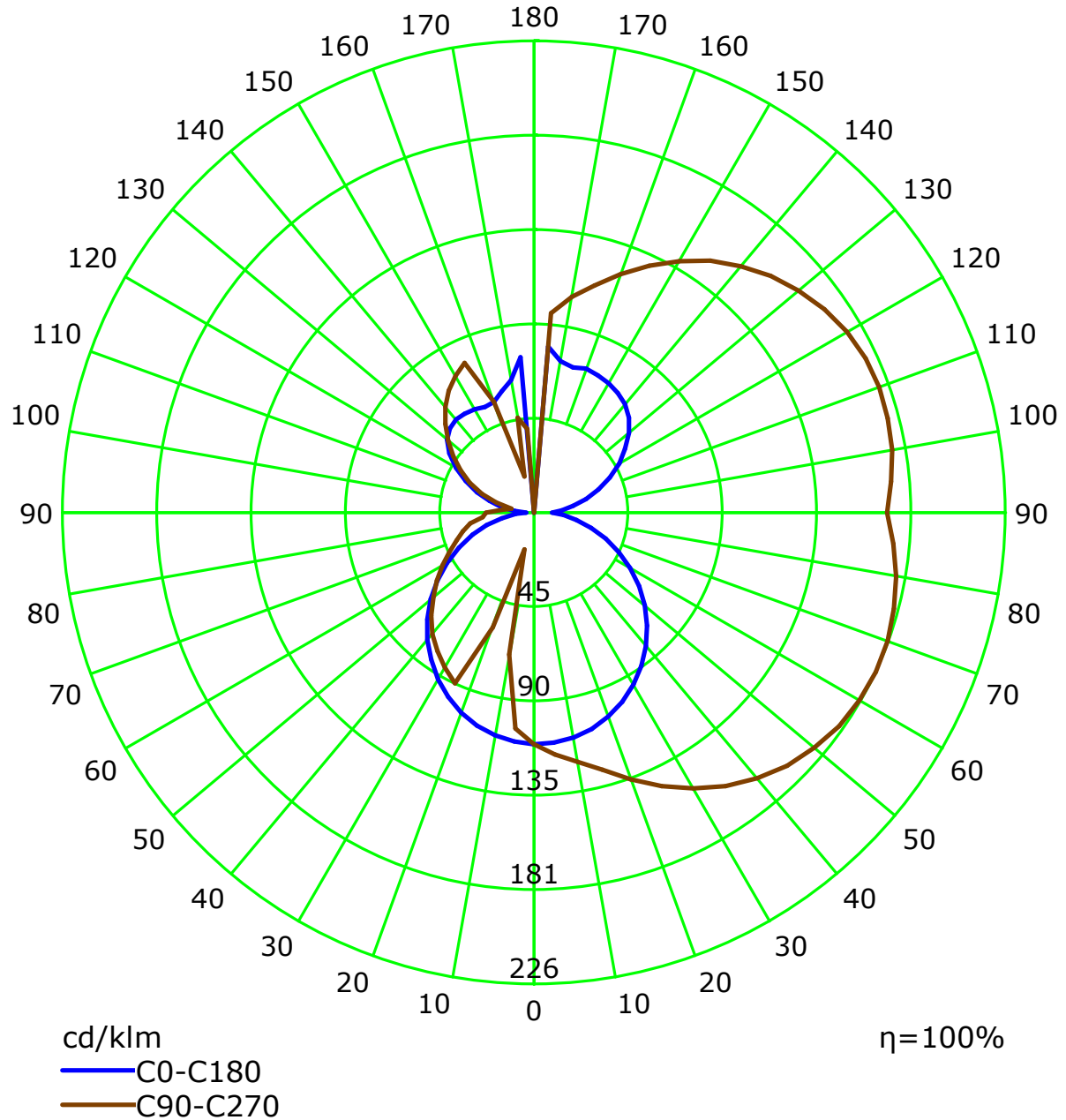
Luminous Intensity Distribution Curve



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
Operator: KOBE

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

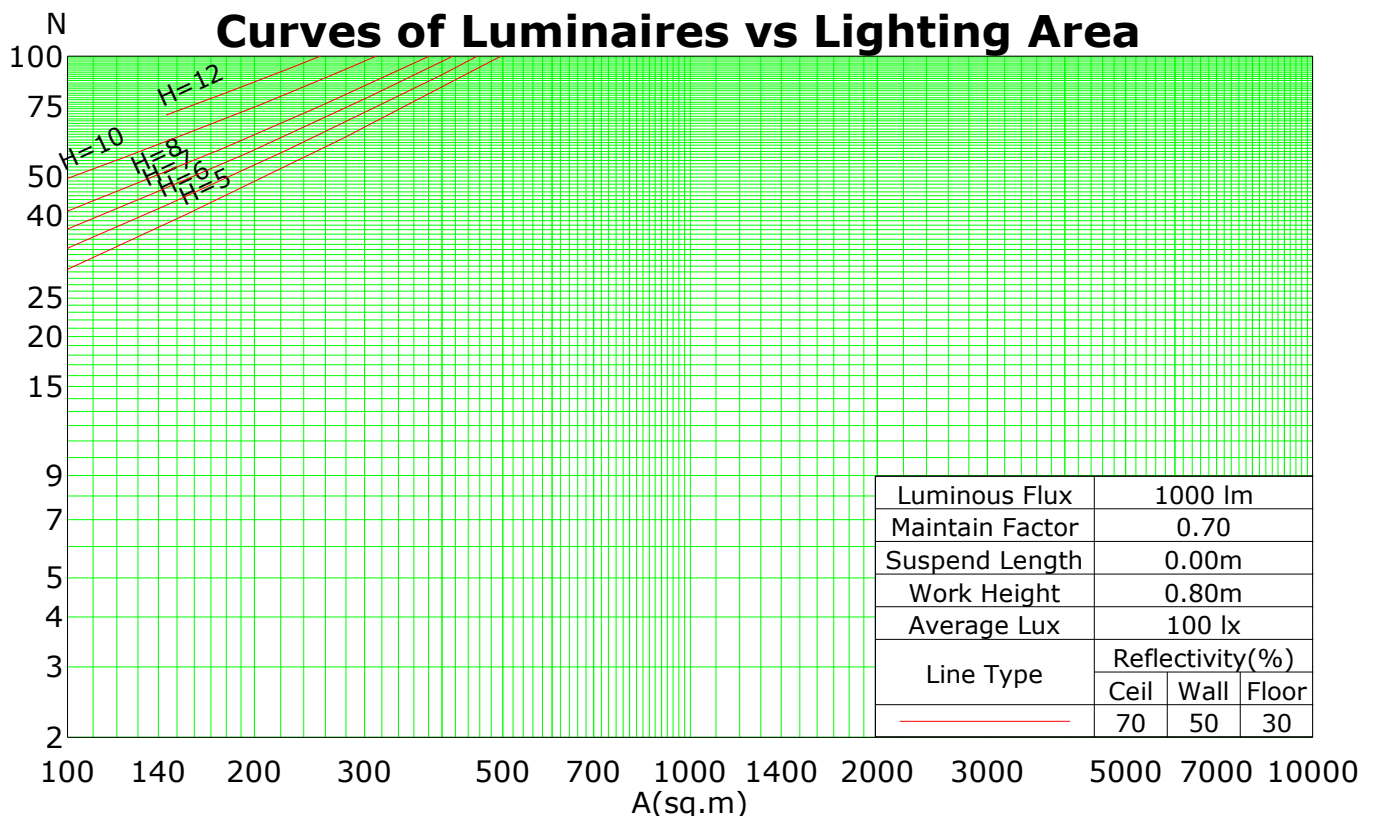
Coefficients Of Utilization - Zonal Cavity Method

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	1.08	1.08	1.08	1.08	1.00	1.00	1.00	1.00	.85	.85	.85	.71	.71	.71	.59	.59	.59	.53
1	.95	.89	.84	.79	.87	.82	.78	.74	.69	.66	.63	.58	.55	.52	.47	.45	.43	.38
2	.85	.76	.69	.62	.78	.70	.63	.58	.59	.54	.49	.49	.45	.41	.39	.36	.34	.29
3	.77	.66	.57	.50	.70	.61	.53	.47	.51	.45	.40	.42	.37	.33	.33	.30	.27	.23
4	.70	.57	.48	.41	.64	.53	.45	.39	.45	.38	.33	.37	.32	.28	.29	.26	.22	.19
5	.64	.51	.42	.35	.58	.47	.39	.33	.39	.33	.28	.32	.27	.23	.26	.22	.19	.16
6	.59	.45	.36	.30	.54	.42	.34	.28	.35	.29	.24	.29	.24	.20	.23	.19	.16	.13
7	.54	.40	.32	.26	.49	.37	.30	.24	.32	.25	.21	.26	.21	.17	.21	.17	.14	.11
8	.50	.37	.28	.22	.46	.34	.26	.21	.29	.23	.18	.24	.19	.15	.19	.15	.12	.10
9	.46	.33	.25	.20	.43	.31	.23	.18	.26	.20	.16	.22	.17	.14	.18	.14	.11	.09
10	.43	.30	.23	.18	.40	.28	.21	.16	.24	.18	.14	.20	.15	.12	.16	.13	.10	.08

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.65

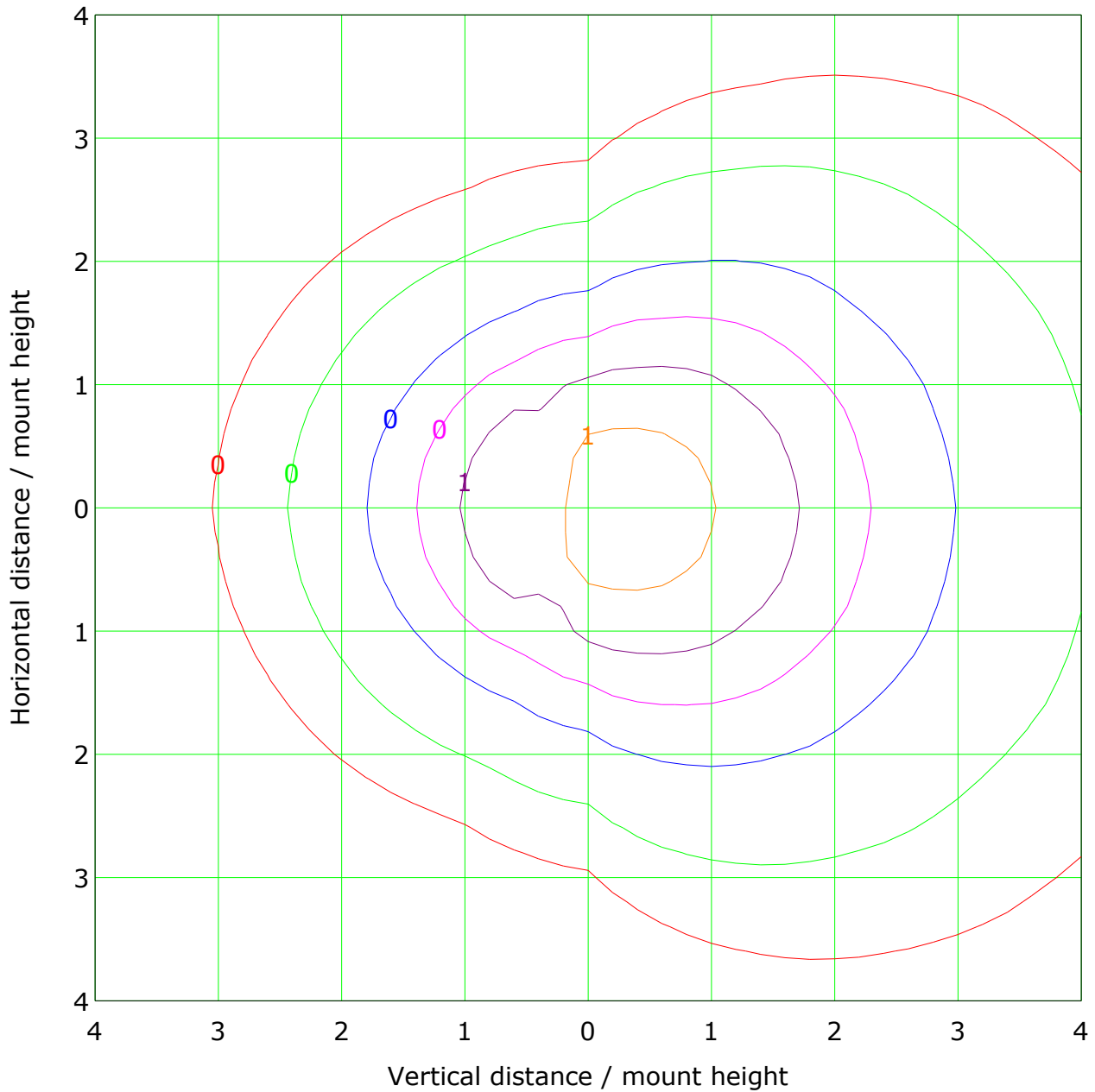
Spacing Criteria (Diagonal): 1.63



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%): 2.6 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.1 lx	(10%): 0.3 lx
(20%): 0.5 lx	(50%): 1.3 lx

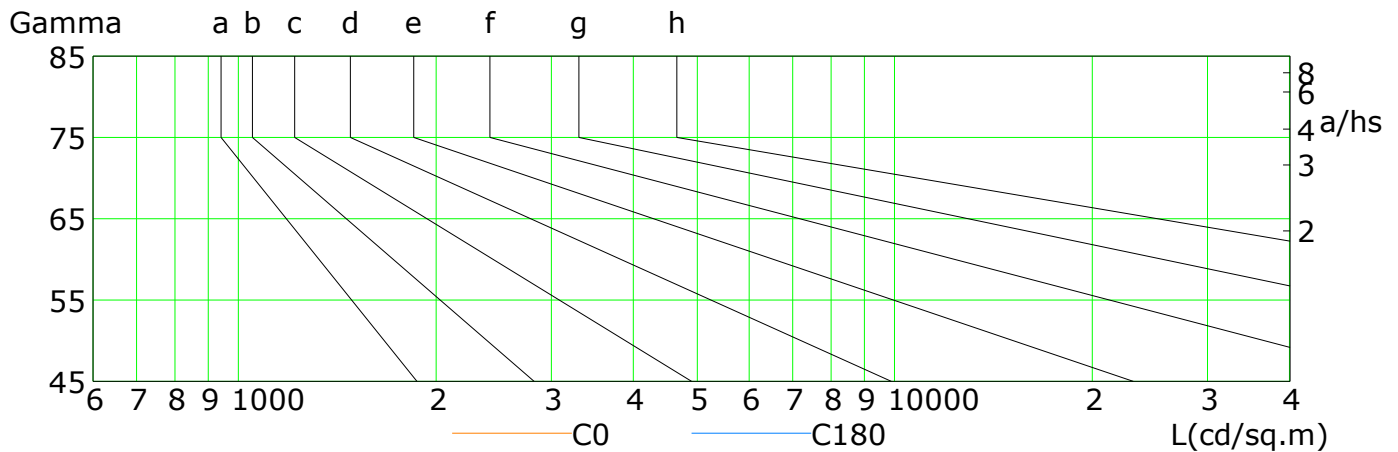
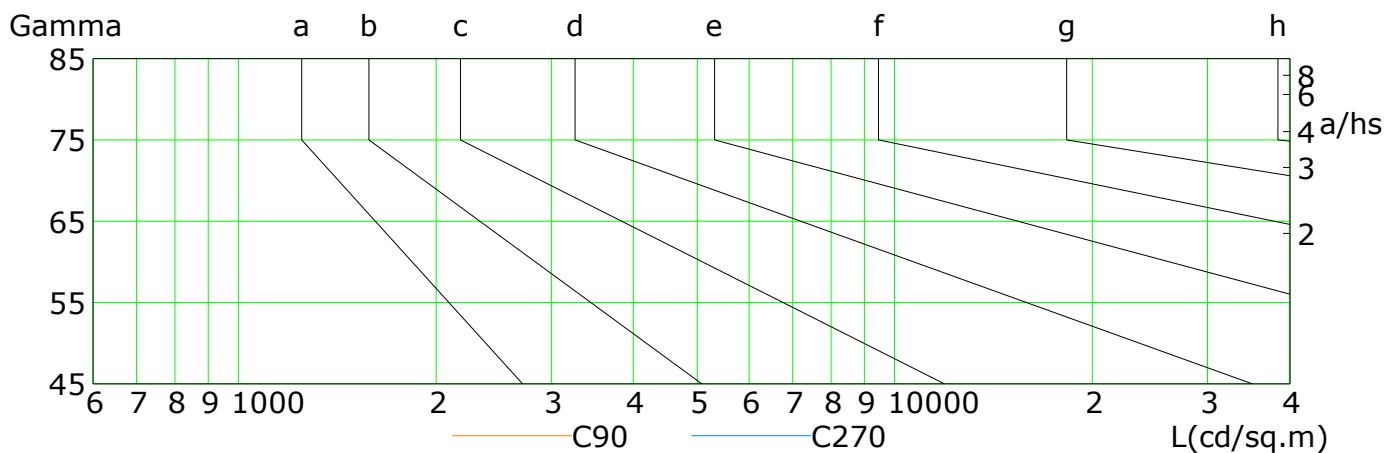
C Plane (°):0.0-360.0: 22.5
Test Lab: Bacl
Test Type: TYPE C
Temperature: 25.4 'C
Operator: KOBE

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

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

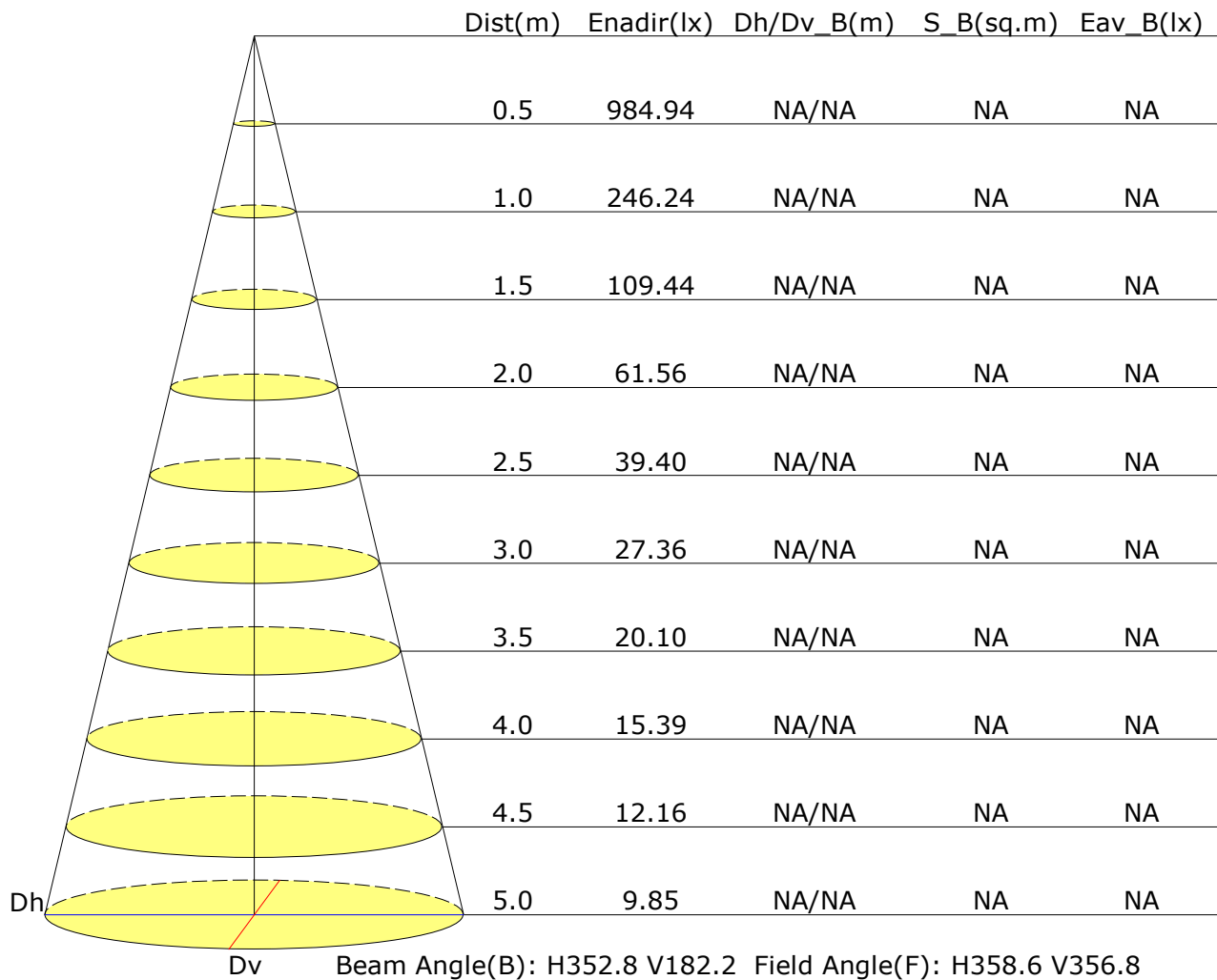


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	170	154	136	118	100	81	63	46	31
C90	380	389	396	399	401	400	396	391	383
C180	161	144	126	107	88	70	52	35	20
C270	155	140	126	113	100	88	79	69	55

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:

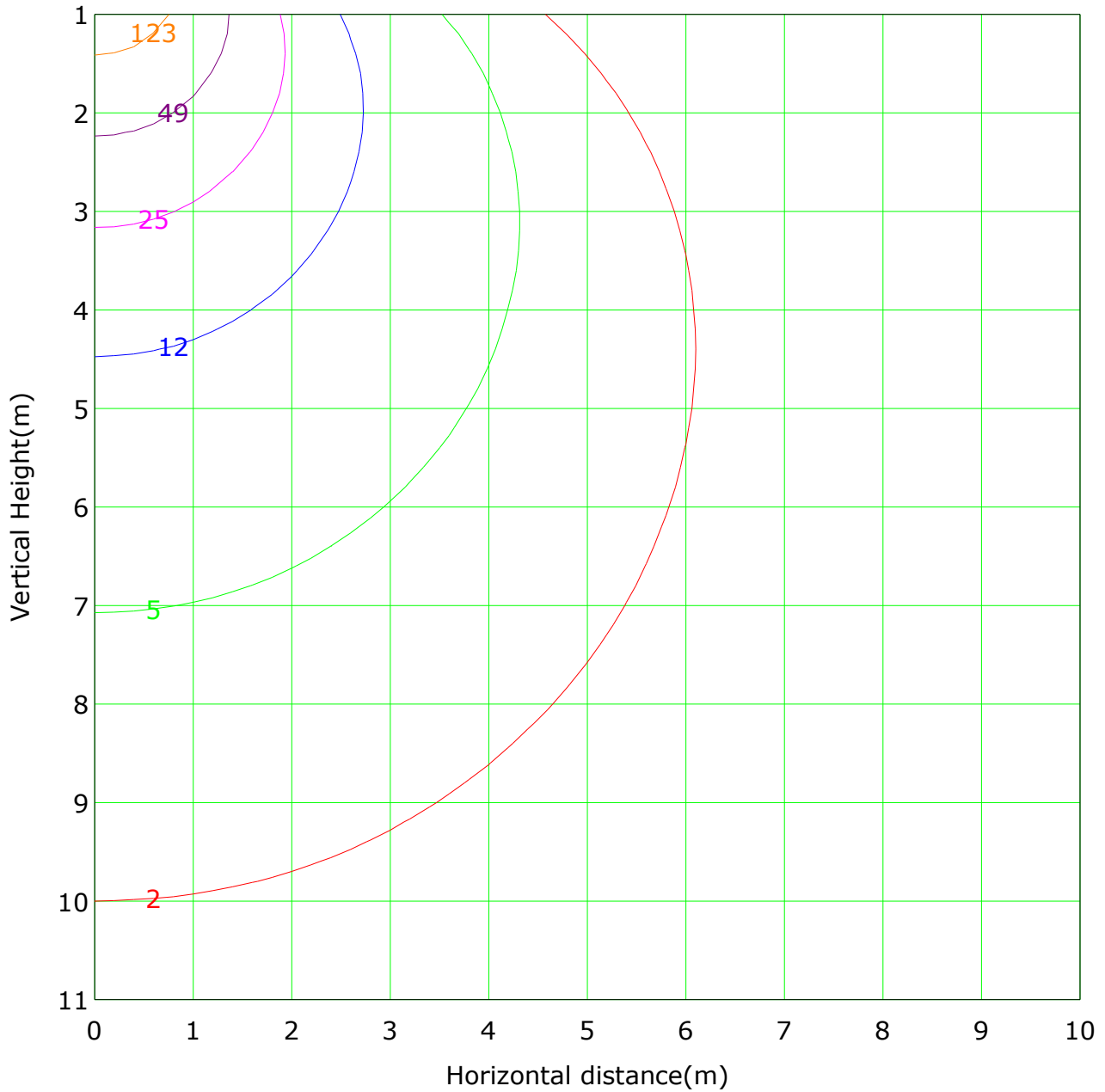
Illuminance at a Distance



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

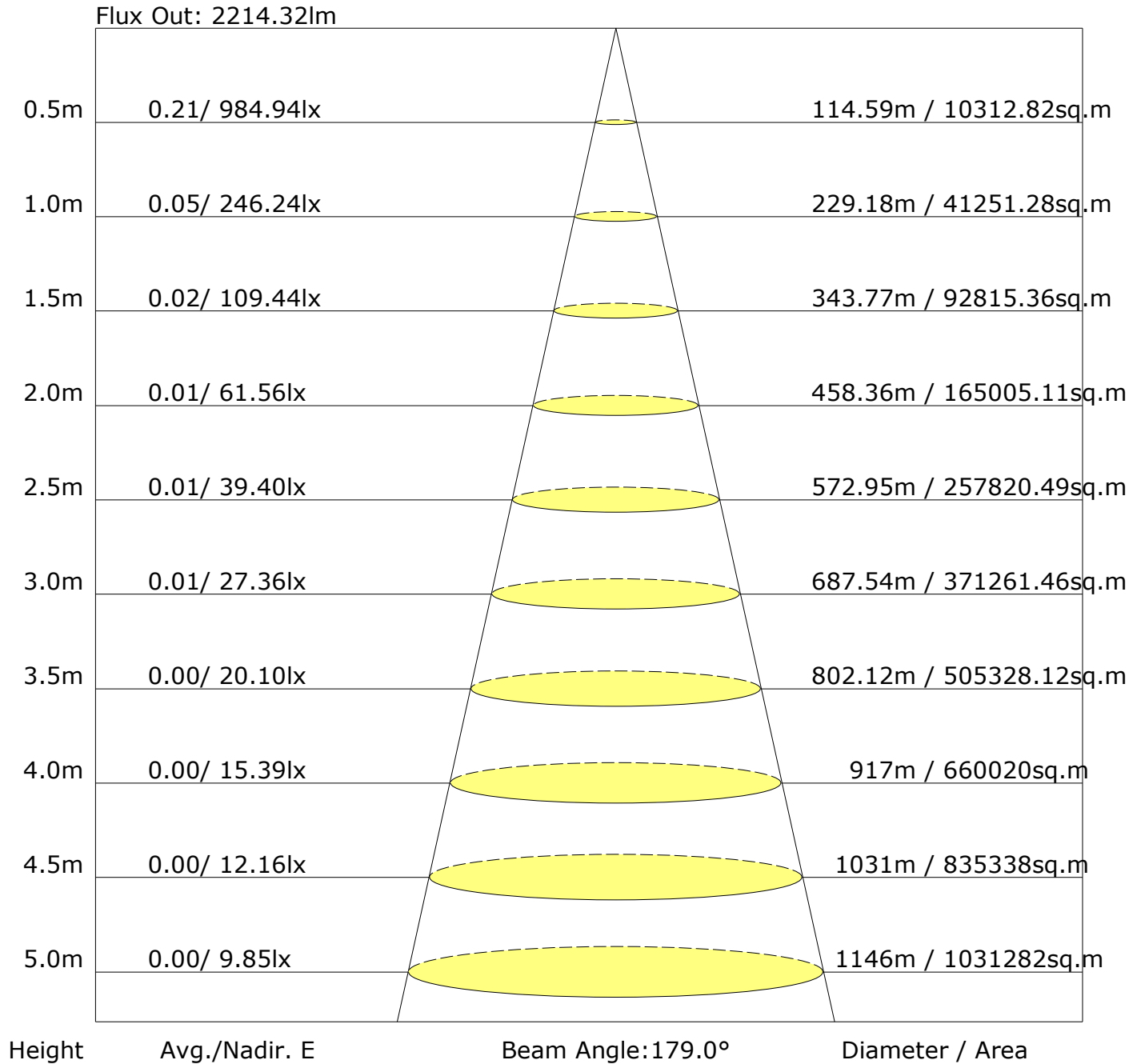
Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-3000
Distance: 14.073 m
Humidity: 48
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 246.2 lx
 (1%): 2.5 lx (2%): 4.9 lx
 (5%): 12.3 lx (10%): 24.6 lx
 (20%): 49.2 lx (50%): 123.1 lx

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 2215lm ($8\log(F/F_0) = 2.8$).

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	0.41	0.48	0.55	0.60	0.67	0.72	0.75	0.80	0.83	
	0.30		0.33	0.41	0.47	0.52	0.60	0.65	0.69	0.75	0.79	
	0.20		0.28	0.35	0.41	0.46	0.54	0.60	0.64	0.70	0.75	
0.50	0.50	0.20	0.35	0.41	0.47	0.51	0.56	0.60	0.63	0.67	0.70	
	0.30		0.29	0.35	0.41	0.45	0.51	0.56	0.59	0.64	0.67	
	0.20		0.24	0.31	0.36	0.40	0.47	0.51	0.55	0.60	0.64	
0.30	0.50	0.20	0.29	0.34	0.39	0.42	0.47	0.50	0.53	0.56	0.58	
	0.30		0.24	0.29	0.34	0.38	0.43	0.46	0.49	0.53	0.56	
	0.20		0.21	0.25	0.30	0.34	0.39	0.43	0.46	0.50	0.54	
0.00	0.00	0.00	0.14	0.18	0.21	0.24	0.28	0.31	0.33	0.36	0.39	
Rating:29W 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	0.98	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	0.45	0.39	0.35	0.29	0.25	
0.50	0.50	0.20	0.84	0.73	0.64	0.57	0.47	0.42	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		0.62	0.56	0.50	0.46	0.40	0.35	0.31	0.26	0.22	
0.30	0.50	0.20	0.72	0.63	0.55	0.49	0.40	0.35	0.31	0.25	0.21	
	0.30		0.62	0.55	0.49	0.44	0.37	0.33	0.29	0.24	0.20	
	0.20		0.54	0.49	0.44	0.40	0.35	0.30	0.27	0.23	0.19	
0.00	0.00	0.00	0.38	0.35	0.32	0.29	0.25	0.22	0.20	0.17	0.14	
Rating:29W 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	0.62	0.64	0.64	0.65	0.66	0.66	0.66	0.67	0.67	
	0.30		0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	
	0.20		0.51	0.52	0.53	0.54	0.56	0.57	0.58	0.60	0.61	
0.50	0.50	0.20	0.60	0.61	0.62	0.62	0.63	0.63	0.64	0.64	0.64	
	0.30		0.55	0.56	0.57	0.57	0.58	0.59	0.60	0.61	0.61	
	0.20		0.50	0.51	0.52	0.53	0.55	0.56	0.57	0.58	0.59	
0.30	0.50	0.20	0.58	0.59	0.60	0.60	0.61	0.61	0.61	0.61	0.61	
	0.30		0.54	0.54	0.55	0.56	0.57	0.57	0.58	0.59	0.59	
	0.20		0.50	0.51	0.52	0.52	0.53	0.54	0.55	0.56	0.57	
0.00	0.00	0.00	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	
Rating:29W 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	245.8	5.9	5.9	0.27	0.27
5.0-10.0	238.2	17.0	22.9	0.77	1.03
10.0-15.0	215.3	25.5	48.5	1.15	2.19
15.0-20.0	199.6	32.9	81.4	1.49	3.67
20.0-25.0	208.8	43.8	125.2	1.98	5.65
25.0-30.0	219.6	55.6	180.7	2.51	8.16
30.0-35.0	220.0	64.8	245.5	2.93	11.09
35.0-40.0	217.8	72.7	318.2	3.28	14.37
40.0-45.0	216.2	80.1	398.3	3.62	17.98
45.0-50.0	212.9	86.1	484.3	3.89	21.87
50.0-55.0	206.1	89.6	574.0	4.05	25.92
55.0-60.0	197.1	91.1	665.1	4.11	30.03
60.0-65.0	187.3	91.1	756.1	4.11	34.14
65.0-70.0	177.0	89.6	845.8	4.05	38.19
70.0-75.0	166.5	87.0	932.8	3.93	42.12
75.0-80.0	156.1	83.6	1016.3	3.77	45.89
80.0-85.0	145.4	79.0	1095.4	3.57	49.46
85.0-90.0	135.7	74.3	1169.7	3.35	52.81
90.0-95.0	131.2	71.8	1241.5	3.24	56.06
95.0-100.0	133.8	72.7	1314.2	3.28	59.34
100.0-105.0	142.6	76.3	1390.5	3.44	62.79
105.0-110.0	153.8	80.4	1470.9	3.63	66.42
110.0-115.0	164.1	83.1	1554.0	3.75	70.17
115.0-120.0	173.3	84.3	1638.2	3.81	73.97
120.0-125.0	181.5	83.9	1722.2	3.79	77.76
125.0-130.0	188.6	82.0	1804.2	3.70	81.47
130.0-135.0	193.6	78.2	1882.4	3.53	85.00
135.0-140.0	194.6	72.1	1954.5	3.25	88.25
140.0-145.0	193.0	64.4	2018.9	2.91	91.16
145.0-150.0	191.3	56.3	2075.2	2.54	93.71
150.0-155.0	185.6	47.0	2122.2	2.12	95.83
155.0-160.0	170.0	35.7	2157.9	1.61	97.44
160.0-165.0	153.7	25.3	2183.2	1.14	98.58
165.0-170.0	152.9	18.1	2201.4	0.82	99.40
170.0-175.0	158.9	11.4	2212.7	0.51	99.91
175.0-180.0	80.0	1.9	2214.6	0.09	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	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2
G5.0	245.7	250.7	255.0	257.8	258.2	257.3	254.4	250.0	244.5	241.0
G10.0	243.1	253.1	261.8	267.8	269.0	267.0	260.5	251.4	240.6	231.0
G15.0	238.3	253.1	267.1	279.5	282.8	277.7	264.9	250.5	234.7	211.8
G20.0	231.2	251.0	274.3	296.1	301.8	293.1	269.8	247.3	226.5	178.6
G25.0	222.0	246.9	283.5	313.6	321.0	309.4	277.0	242.0	216.2	122.9
G30.0	211.4	242.7	292.0	329.6	338.8	324.4	283.6	235.0	204.7	71.0
G35.0	199.1	239.2	299.0	344.0	355.0	337.9	289.4	227.8	191.2	68.5
G40.0	185.1	234.7	304.3	356.3	368.9	349.1	293.4	220.7	176.5	102.0
G45.0	169.9	229.0	307.9	366.0	380.3	358.0	295.8	212.8	160.6	137.4
G50.0	153.7	222.0	309.5	373.4	389.4	364.7	296.4	203.8	143.6	125.1
G55.0	136.5	214.2	309.1	378.4	395.7	368.8	295.2	193.8	125.7	110.2
G60.0	118.5	205.2	306.9	381.0	399.4	370.6	292.0	183.0	106.9	95.6
G65.0	99.8	195.5	303.0	381.1	400.9	370.1	287.0	171.3	88.3	80.7
G70.0	81.4	184.7	297.4	378.9	400.1	367.0	280.1	159.3	70.1	65.2
G75.0	63.0	173.8	290.5	374.6	396.4	361.9	271.8	146.9	52.2	52.5
G80.0	46.1	162.4	282.2	368.4	390.7	354.9	262.0	134.3	35.0	41.9
G85.0	31.4	150.5	273.1	360.3	383.4	346.7	251.3	121.8	19.6	31.8
G90.0	19.5	140.3	264.8	353.1	375.5	338.2	241.7	110.7	8.8	21.8
G95.0	29.8	149.5	272.4	359.4	381.2	343.8	248.9	119.4	20.8	16.2
G100.0	42.6	159.5	280.1	365.9	386.6	349.4	256.6	129.1	34.5	31.9
G105.0	57.5	169.2	286.7	369.8	389.6	352.9	263.4	138.8	49.4	43.9
G110.0	73.1	178.0	292.0	371.7	390.3	354.7	268.7	148.2	64.7	57.1
G115.0	89.3	186.3	295.2	371.3	388.8	354.4	272.5	157.2	80.5	71.4
G120.0	105.2	193.5	296.6	368.6	384.5	351.8	274.5	165.5	95.8	85.5
G125.0	118.6	200.0	296.0	363.6	377.0	347.3	274.8	173.5	110.4	98.7
G130.0	131.8	205.4	293.5	356.0	367.1	340.4	273.5	180.7	121.2	111.6
G135.0	142.7	209.9	289.0	346.2	355.7	331.6	270.5	186.9	126.7	120.8
G140.0	150.5	213.3	282.8	333.9	342.4	320.6	265.8	191.9	129.6	86.8
G145.0	155.4	215.7	275.1	319.8	326.8	307.3	259.7	194.1	128.8	57.2
G150.0	158.7	217.0	266.1	303.9	308.8	292.4	252.2	183.0	127.1	54.5
G155.0	161.1	218.6	256.1	286.6	289.8	276.1	232.9	170.6	124.3	77.5
G160.0	163.2	219.6	245.1	268.1	269.8	258.6	202.0	171.2	125.2	106.5
G165.0	160.0	217.1	235.3	249.5	250.1	234.1	182.1	155.7	134.0	116.7
G170.0	163.8	194.9	225.2	234.6	233.2	187.7	161.9	154.2	143.1	128.6
G175.0	177.7	184.7	186.4	213.1	212.8	146.1	169.1	172.3	166.1	161.0
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	246.2	246.2	246.2	246.2	246.2	246.2	246.2			
G5.0	236.3	231.7	230.7	232.6	237.5	241.6	245.7			
G10.0	205.9	167.4	153.1	176.7	213.5	234.1	243.1			
G15.0	120.9	45.5	41.0	56.8	147.4	221.3	238.3			
G20.0	46.8	101.2	129.7	85.4	61.4	201.2	231.2			
G25.0	101.8	196.9	200.1	189.0	74.7	169.0	222.0			
G30.0	179.7	186.8	190.3	183.9	144.3	123.4	211.4			
G35.0	171.1	175.7	179.9	172.6	167.4	80.6	199.1			
G40.0	158.4	164.3	168.5	161.2	155.0	71.5	185.1			
G45.0	145.5	150.5	154.7	147.9	142.3	90.6	169.9			
G50.0	131.2	135.9	140.1	133.4	129.2	113.8	153.7			
G55.0	115.8	121.4	126.1	119.1	114.4	106.3	136.5			
G60.0	100.9	107.8	112.7	105.5	99.3	91.8	118.5			
G65.0	87.4	94.8	99.9	92.6	85.6	78.0	99.8			
G70.0	75.1	82.4	87.7	80.6	73.3	63.9	81.4			
G75.0	63.4	72.2	78.5	70.0	61.9	50.4	63.0			
G80.0	53.9	63.2	69.1	60.5	52.0	39.8	46.1			
G85.0	42.0	50.3	55.3	48.0	40.8	30.5	31.4			
G90.0	35.2	45.0	51.5	43.9	33.9	20.4	19.5			
G95.0	18.3	28.6	34.8	28.0	20.9	22.2	29.8			
G100.0	24.8	19.2	24.5	20.2	29.0	33.1	42.6			
G105.0	43.5	39.5	41.8	40.5	44.3	44.3	57.5			
G110.0	58.3	57.1	59.3	56.8	58.6	57.5	73.1			
G115.0	72.4	72.8	75.8	72.3	72.5	70.6	89.3			
G120.0	86.6	87.7	90.5	86.8	86.6	83.0	105.2			
G125.0	101.3	102.6	105.1	101.1	101.0	95.2	118.6			
G130.0	115.5	117.1	119.4	115.4	114.5	107.2	131.8			
G135.0	129.0	131.5	133.6	129.1	127.5	94.5	142.7			
G140.0	141.0	144.6	146.6	141.9	138.7	73.0	150.5			
G145.0	152.0	156.3	158.4	153.1	149.2	63.5	155.4			
G150.0	158.1	165.7	167.9	162.5	147.8	83.4	158.7			
G155.0	83.1	173.8	176.0	170.6	82.8	110.4	161.1			
G160.0	36.4	93.7	125.2	88.8	47.3	129.1	163.2			
G165.0	76.2	34.0	39.9	41.1	103.2	138.8	160.0			
G170.0	111.2	82.4	102.7	124.9	136.3	139.4	163.8			
G175.0	148.1	109.8	89.4	118.0	144.5	160.1	177.7			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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