

Report No.:

Test Time:

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: LED FLOODLIGHT

Lamp Catalog: LED

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.456 A

Power Factor: 0.991

Luminaire Description: E002EI-100W-6500K

Lamp Description: SMD

Lumens per Lamp:

Luminous Width (mm):

Voltage: 230.1V

Power: 104.1 W

Photometric Results

IES NEMA Type: 7H x 7V

Measurement Flux: 9016 lm

Field Lumens: 8875.9 lm

Field Angle: H149.0, V166.6

Luminaire Efficacy Rating (LER): 86.66

Max. Intensity: 3217.84 cd

Total Rated Lamp Lumens: 9016.0 lm

Efficiency: 100%

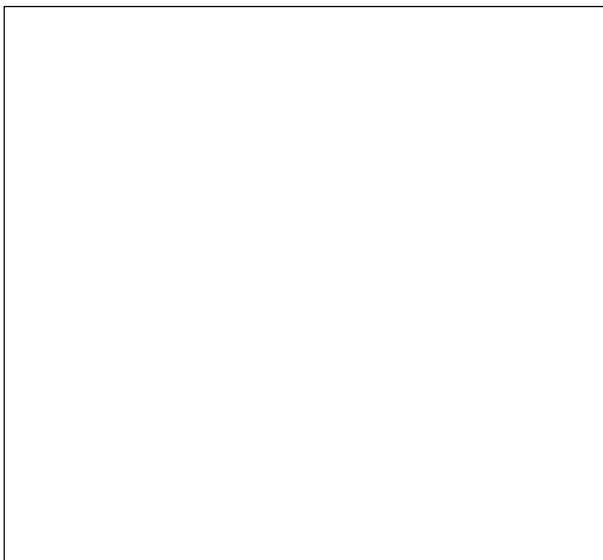
Field Efficiency: 98.45%

Beam Angle: H113.2, V112.7

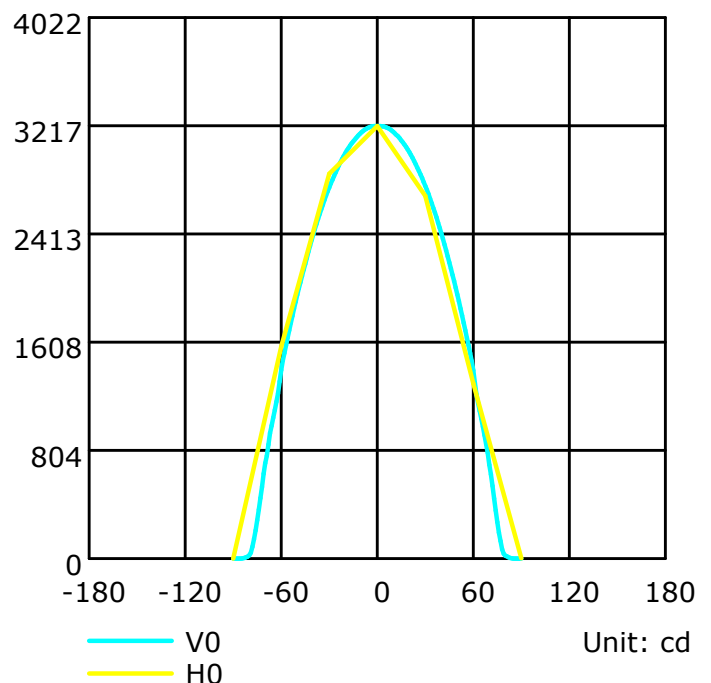
C0r0 Intensity: 3217.83 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

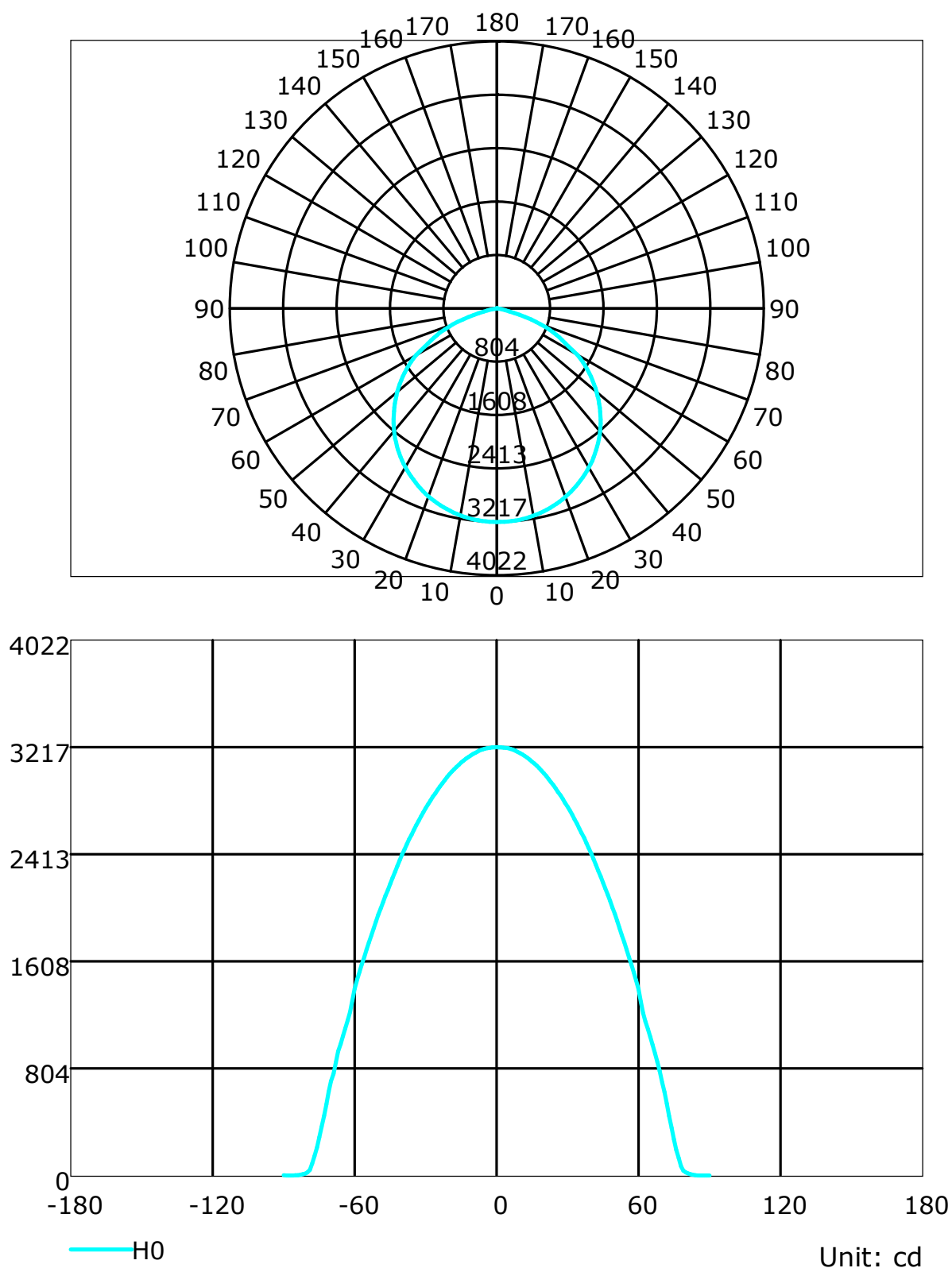
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

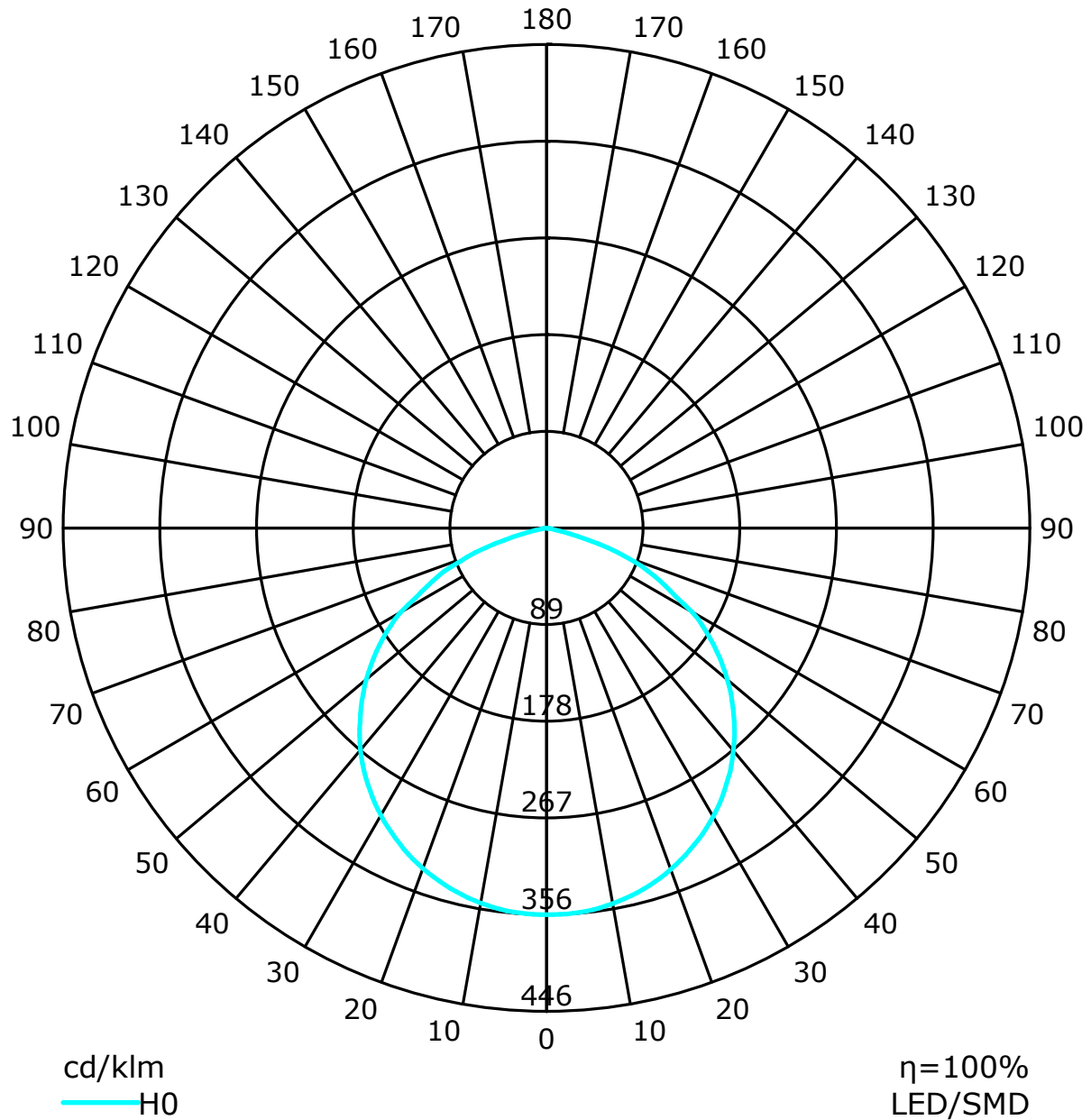
Luminous Intensity Distribution Curve



B Plane (°):-90.0-90.0: 30.0
Test Lab:
Test Type: TYPE B
Temperature:
Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.012 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

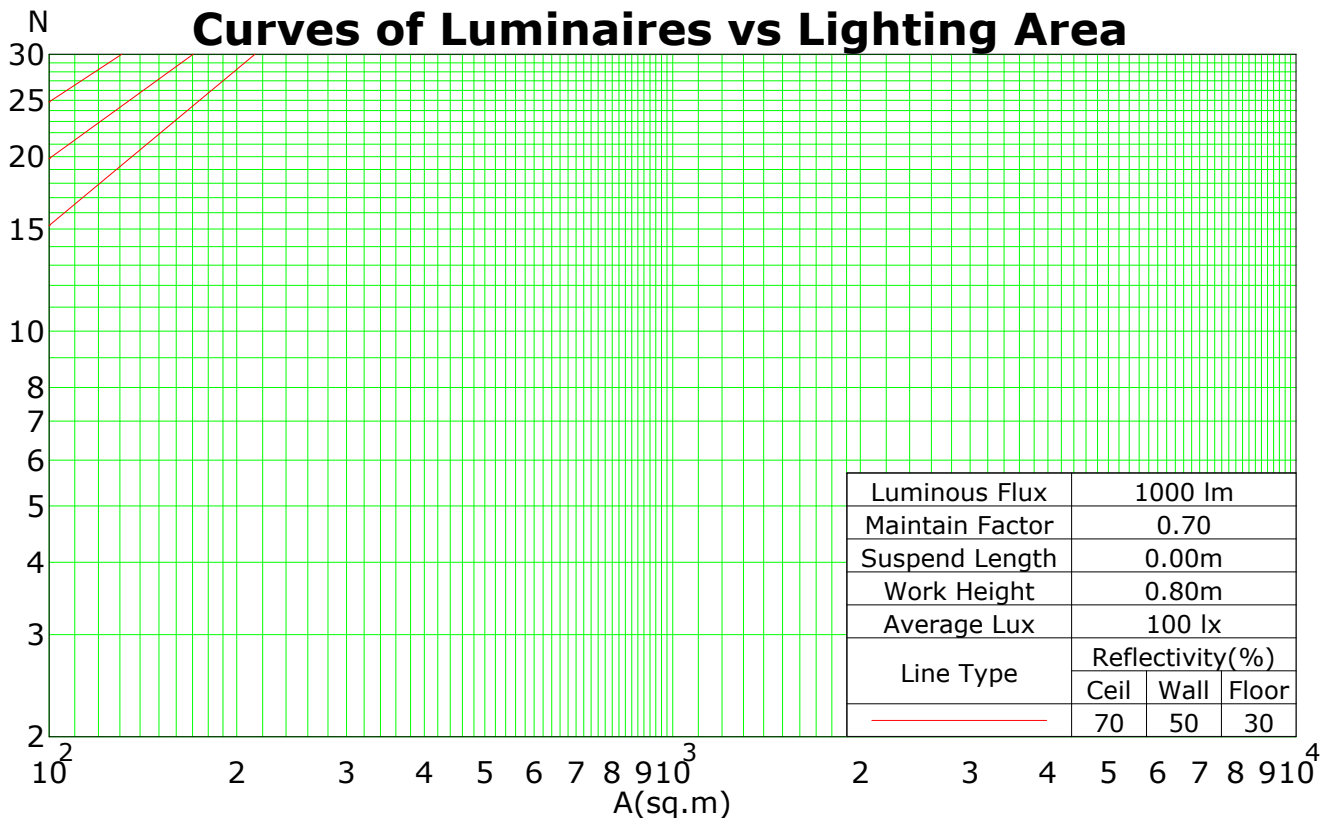
Coefficients Of Utilization - Zonal Cavity Method

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.09	1.04	1.00	0.96	1.06	1.02	0.98	0.94	0.98	0.94	0.91	0.94	0.91	0.89	0.90	0.88	0.86	0.84
2	0.99	0.91	0.84	0.78	0.96	0.89	0.83	0.77	0.85	0.80	0.75	0.82	0.78	0.74	0.79	0.75	0.72	0.70
3	0.90	0.80	0.71	0.65	0.88	0.78	0.70	0.64	0.75	0.69	0.63	0.72	0.67	0.62	0.70	0.65	0.61	0.59
4	0.83	0.71	0.62	0.55	0.80	0.69	0.61	0.55	0.67	0.60	0.54	0.64	0.58	0.53	0.62	0.57	0.52	0.50
5	0.76	0.63	0.54	0.47	0.74	0.62	0.53	0.47	0.60	0.52	0.47	0.58	0.51	0.46	0.56	0.50	0.46	0.43
6	0.70	0.57	0.48	0.41	0.68	0.56	0.47	0.41	0.54	0.46	0.41	0.52	0.46	0.40	0.51	0.45	0.40	0.38
7	0.65	0.51	0.43	0.36	0.63	0.51	0.42	0.36	0.49	0.42	0.36	0.48	0.41	0.36	0.46	0.40	0.35	0.33
8	0.60	0.47	0.38	0.32	0.59	0.46	0.38	0.32	0.45	0.37	0.32	0.44	0.37	0.32	0.42	0.36	0.32	0.30
9	0.57	0.43	0.35	0.29	0.55	0.42	0.35	0.29	0.41	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.29	0.27
10	0.53	0.40	0.32	0.26	0.52	0.39	0.32	0.26	0.38	0.31	0.26	0.37	0.31	0.26	0.36	0.30	0.26	0.24

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.27

Spacing Criteria (Diagonal): 1.38



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

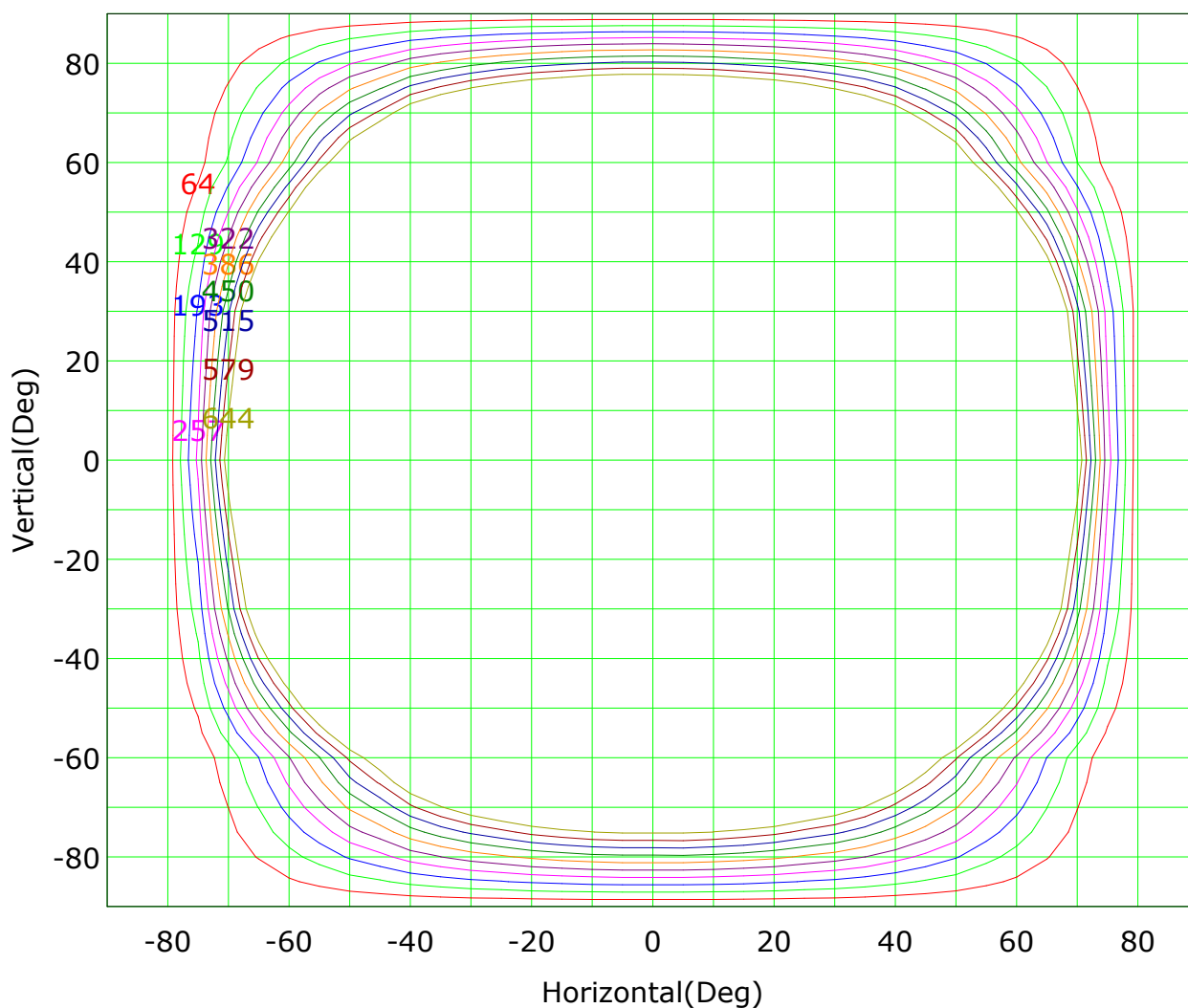
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 3218 cd

(2%): 64 cd	(4%): 129 cd
(6%): 193 cd	(8%): 257 cd
(10%): 322 cd	(12%): 386 cd
(14%): 450 cd	(16%): 515 cd
(18%): 579 cd	(20%): 644 cd

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

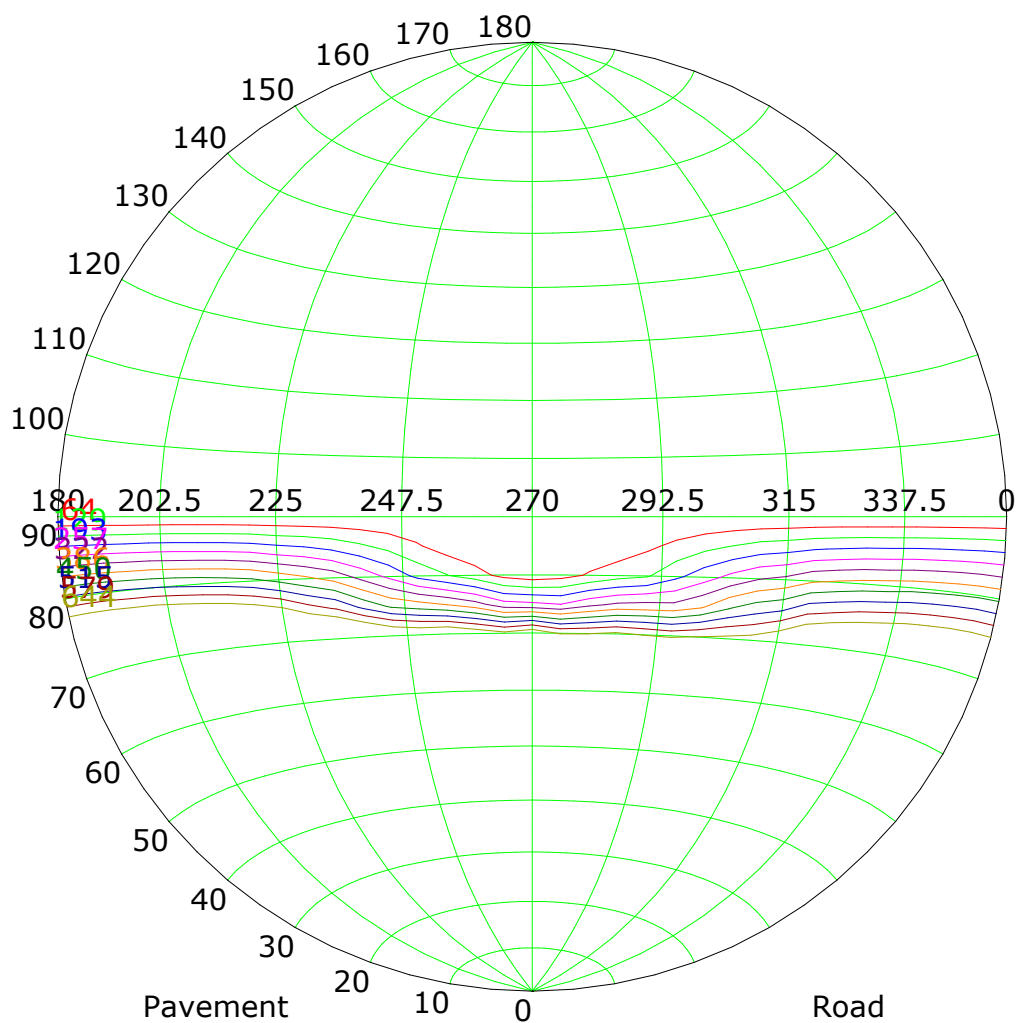
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 3218 cd

(2%): 64 cd	(4%): 129 cd
(6%): 193 cd	(8%): 257 cd
(10%): 322 cd	(12%): 386 cd
(14%): 450 cd	(16%): 515 cd
(18%): 579 cd	(20%): 644 cd

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

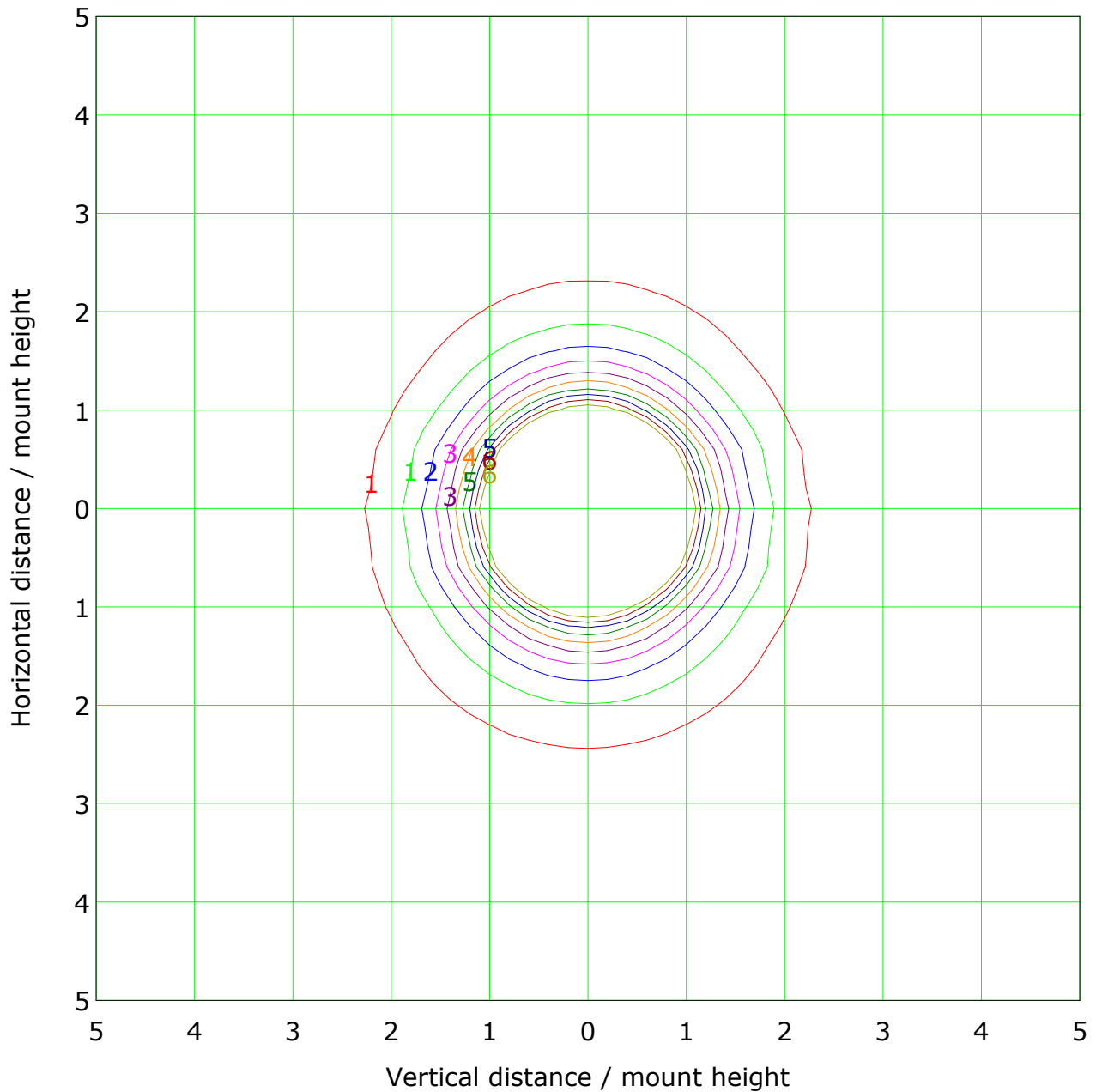
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 32.2 lx	
(2%): 0.6 lx	(4%): 1.3 lx
(6%): 1.9 lx	(8%): 2.6 lx
(10%): 3.2 lx	(12%): 3.9 lx
(14%): 4.5 lx	(16%): 5.1 lx
(18%): 5.8 lx	(20%): 6.4 lx

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

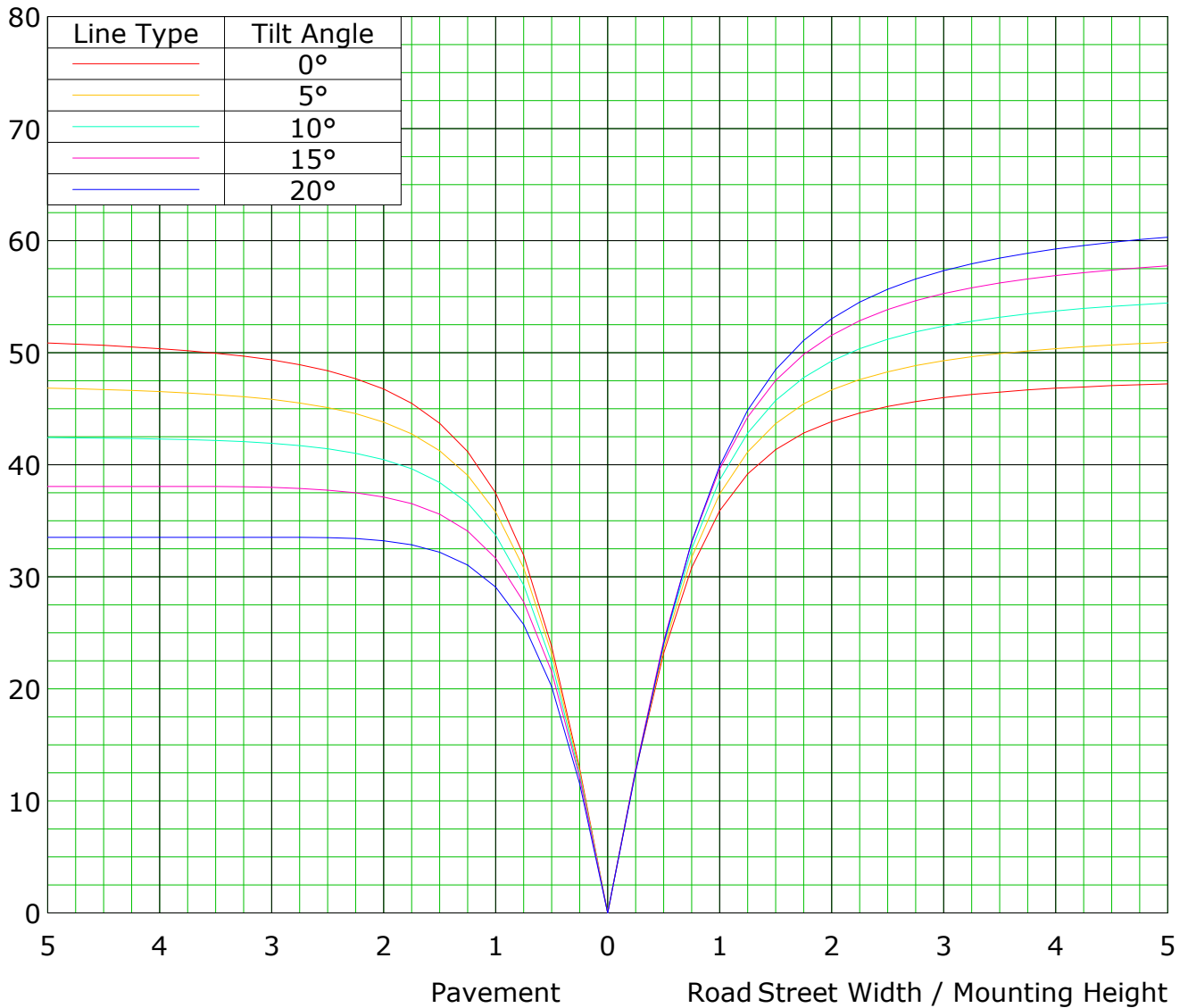
Distance: 7.012 m

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

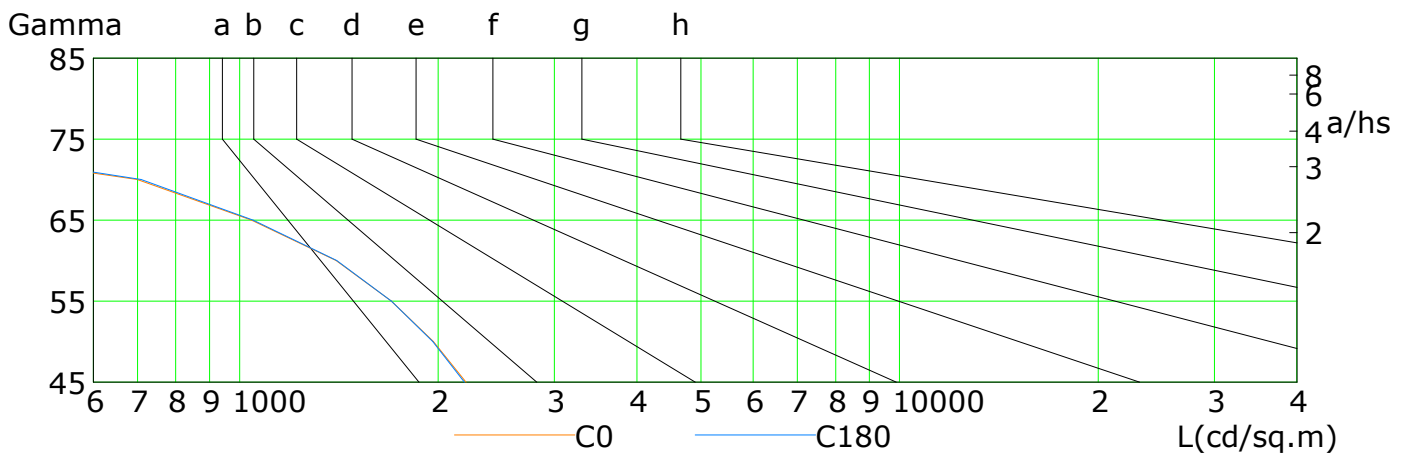
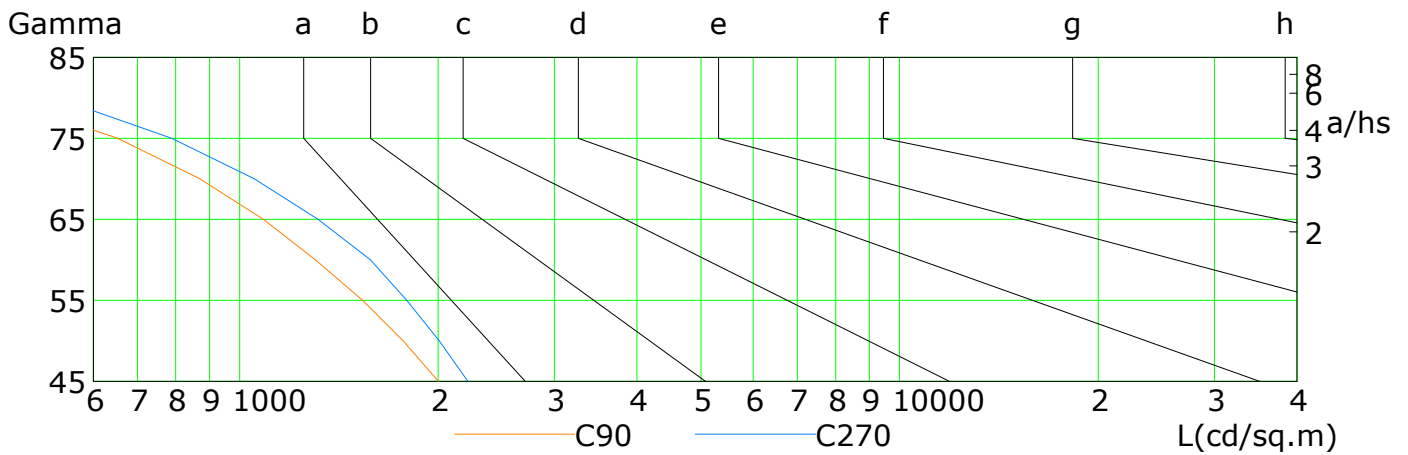
Humidity:

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	2202	1965	1698	1400	1042	699	272	23	2
C90	2001	1768	1535	1302	1086	870	653	437	221
C180	2192	1962	1699	1403	1048	709	287	25	2
C270	2219	2005	1791	1577	1314	1052	789	527	264

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

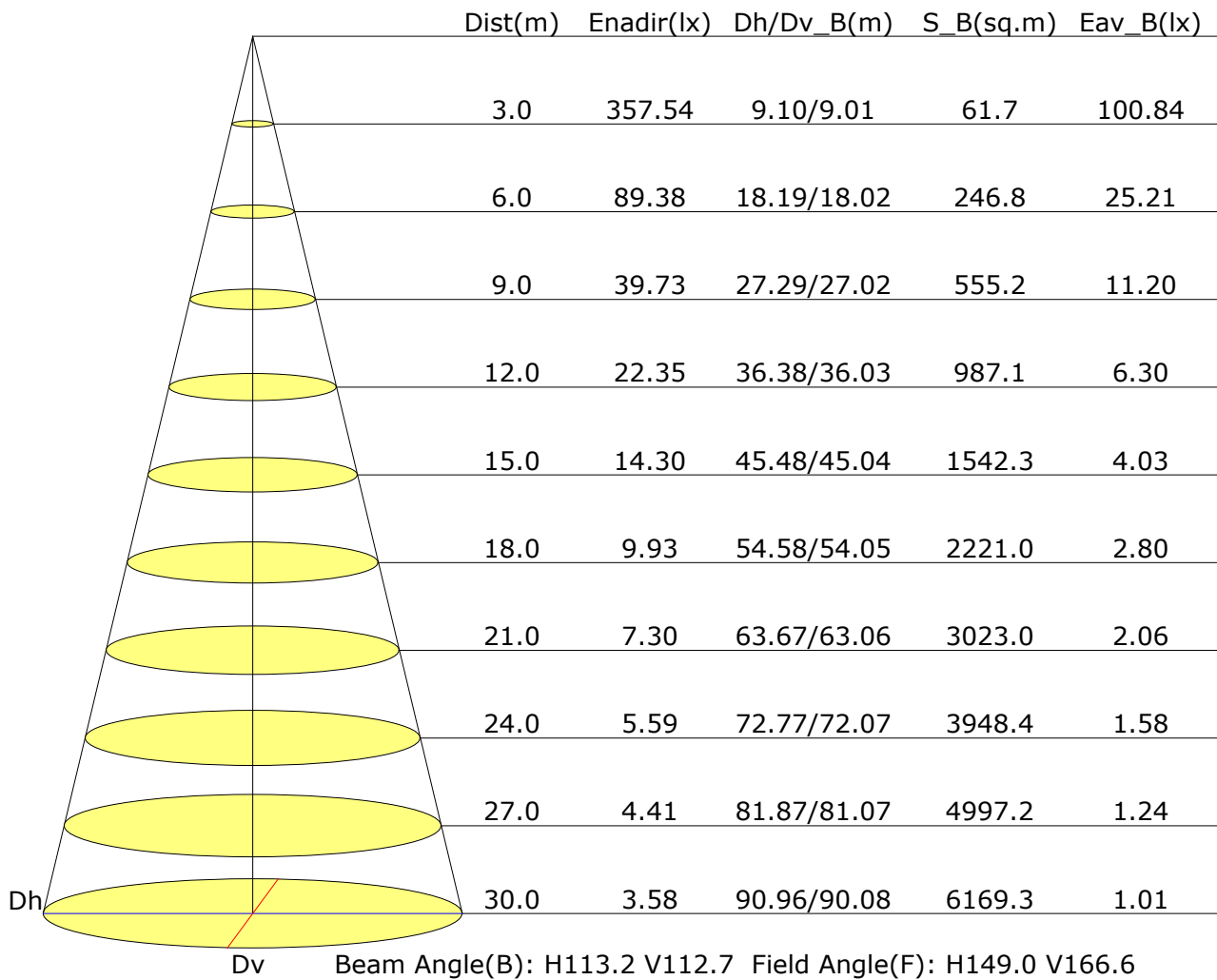
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

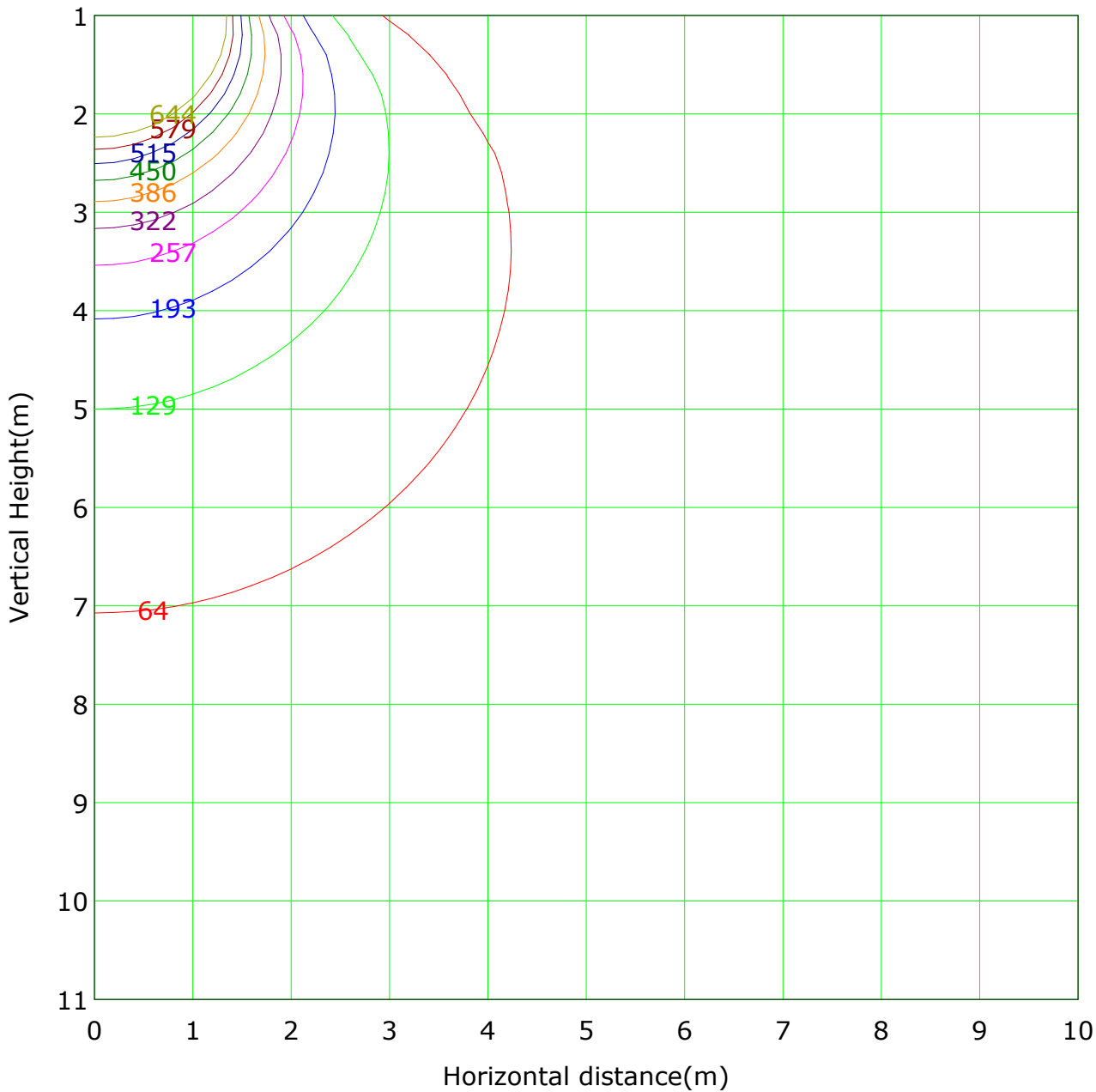
Illuminance at a Distance



B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 3217.8 lx
(2%): 64.4 lx	(4%): 128.7 lx	
(6%): 193.1 lx	(8%): 257.4 lx	
(10%): 321.8 lx	(12%): 386.1 lx	
(14%): 450.5 lx	(16%): 514.9 lx	
(18%): 579.2 lx	(20%): 643.6 lx	

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

Area Flux Table

Unit: lm

		Orbit: 111																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Vertical plane	-90	0.0	0.1	0.6	1.7	3.3	4.9	6.3	7.3	7.9	8.0	7.4	6.3	4.9	3.3	1.8	0.6	0.1	0.0	64.5	28.7	
	-80	0.0	0.2	1.7	5.1	9.7	14.6	18.8	21.9	23.7	23.8	22.1	18.9	14.7	9.8	5.2	1.8	0.2	0.0	192.4	181.3	
	-70	0.0	0.4	2.9	8.4	16.1	24.3	31.3	36.5	39.5	39.6	36.8	31.5	24.5	16.3	8.7	3.0	0.4	0.0	320.3	314.3	
	-60	0.0	0.7	4.7	12.7	23.0	33.8	43.1	50.0	53.9	54.0	50.2	43.3	34.0	23.1	12.9	4.8	0.7	0.0	444.9	441.1	
	-50	0.0	1.3	7.3	17.8	30.3	43.1	54.2	62.4	66.8	66.9	62.5	54.2	43.1	30.2	17.7	7.2	1.2	0.0	566.4	563.9	
	-40	0.0	1.9	10.0	22.9	37.7	52.4	65.3	74.8	79.8	79.8	74.7	65.2	52.2	37.4	22.5	9.7	1.7	0.0	687.8	686.0	
	-30	0.0	2.3	11.7	26.1	42.3	58.4	72.3	82.6	88.1	88.1	82.6	72.2	58.2	42.0	25.7	11.3	2.1	0.0	766.0	764.5	
	-20	0.0	2.5	12.5	27.6	44.3	60.9	75.3	86.0	91.7	91.7	86.1	75.4	60.9	44.2	27.3	12.3	2.3	0.0	801.0	799.7	
	-10	0.0	2.7	13.3	29.0	46.3	63.5	78.3	89.4	95.3	95.3	89.6	78.6	63.6	46.4	28.9	13.2	2.6	0.0	836.0	834.6	
	0	0.0	2.6	13.2	28.7	45.9	62.9	77.7	88.6	94.4	94.4	88.8	77.9	63.1	46.0	28.7	13.0	2.5	0.0	828.6	827.2	
10	0.0	2.3	12.1	26.7	43.1	59.3	73.3	83.7	89.2	89.2	83.8	73.3	59.2	43.0	26.5	11.8	2.2	0.0	778.8	777.4		
20	0.0	2.0	10.9	24.7	40.3	55.6	69.0	78.8	84.0	84.0	78.7	68.8	55.4	40.0	24.3	10.6	1.8	0.0	729.0	727.4		
30	0.0	1.6	9.1	21.1	35.0	48.8	60.8	69.7	74.4	74.4	69.6	60.6	48.5	34.6	20.6	8.8	1.4	0.0	639.1	637.1		
40	0.0	1.1	6.5	15.8	27.2	38.9	48.9	56.4	60.4	60.4	56.3	48.7	38.6	26.9	15.6	6.3	1.0	0.0	509.1	506.3		
50	0.0	0.6	3.9	10.5	19.4	28.9	37.0	43.2	46.4	46.4	43.1	36.9	28.8	19.2	10.5	3.8	0.5	0.0	379.1	374.4		
60	0.0	0.3	2.2	6.6	12.9	19.9	25.9	30.5	32.9	32.9	30.4	25.8	19.9	12.8	6.7	2.2	0.3	0.0	262.0	254.4		
70	0.0	0.2	1.3	4.0	7.8	12.0	15.6	18.3	19.8	19.8	18.3	15.5	12.0	7.7	4.0	1.3	0.2	0.0	157.8	142.9		
80	0.0	0.1	0.5	1.4	2.6	4.1	5.3	6.2	6.7	6.7	6.2	5.3	4.1	2.6	1.4	0.5	0.1	0.0	53.6	14.7		
90	0.3	22.9	124.4	290.7	487.1	686.2	858.5	986.6	1054.8	1055.2	987.0	858.5	685.6	485.3	289.0	122.4	21.5	0.3	9016			
Flux(T)	0.0	12.1	112.3	279.5	478.5	678.8	851.5	979.7	1048.7	1049.0	980.3	851.5	678.1	476.8	278.1	110.1	10.9	0.0		8876		

Horizontal plane

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

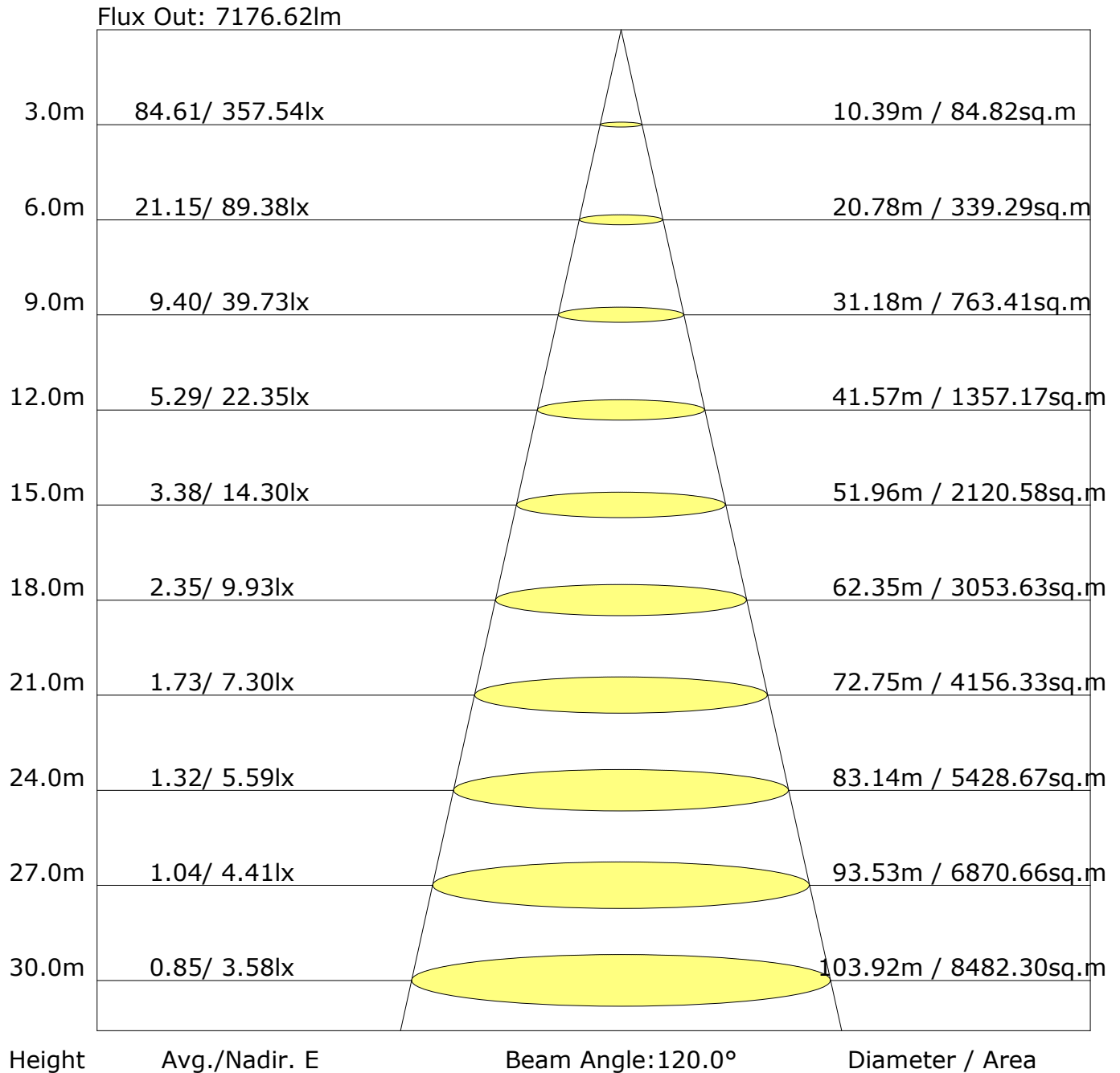
Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

The Average Illuminance Effective Figure



B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

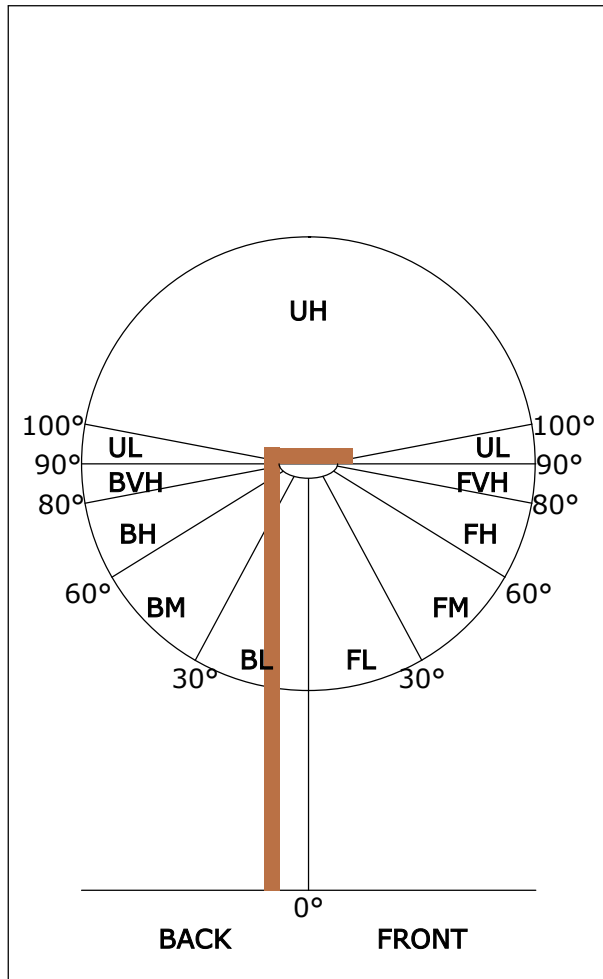
UGR Table

反射率:											
天花板	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
墙面	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
工作面	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
房间尺寸	横向					纵向					
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.\$	

依据CIE Pub.190:2010计算,表格已按0lm光源光通量进行修正($8\log(F/F_0) = -1.$$).

B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

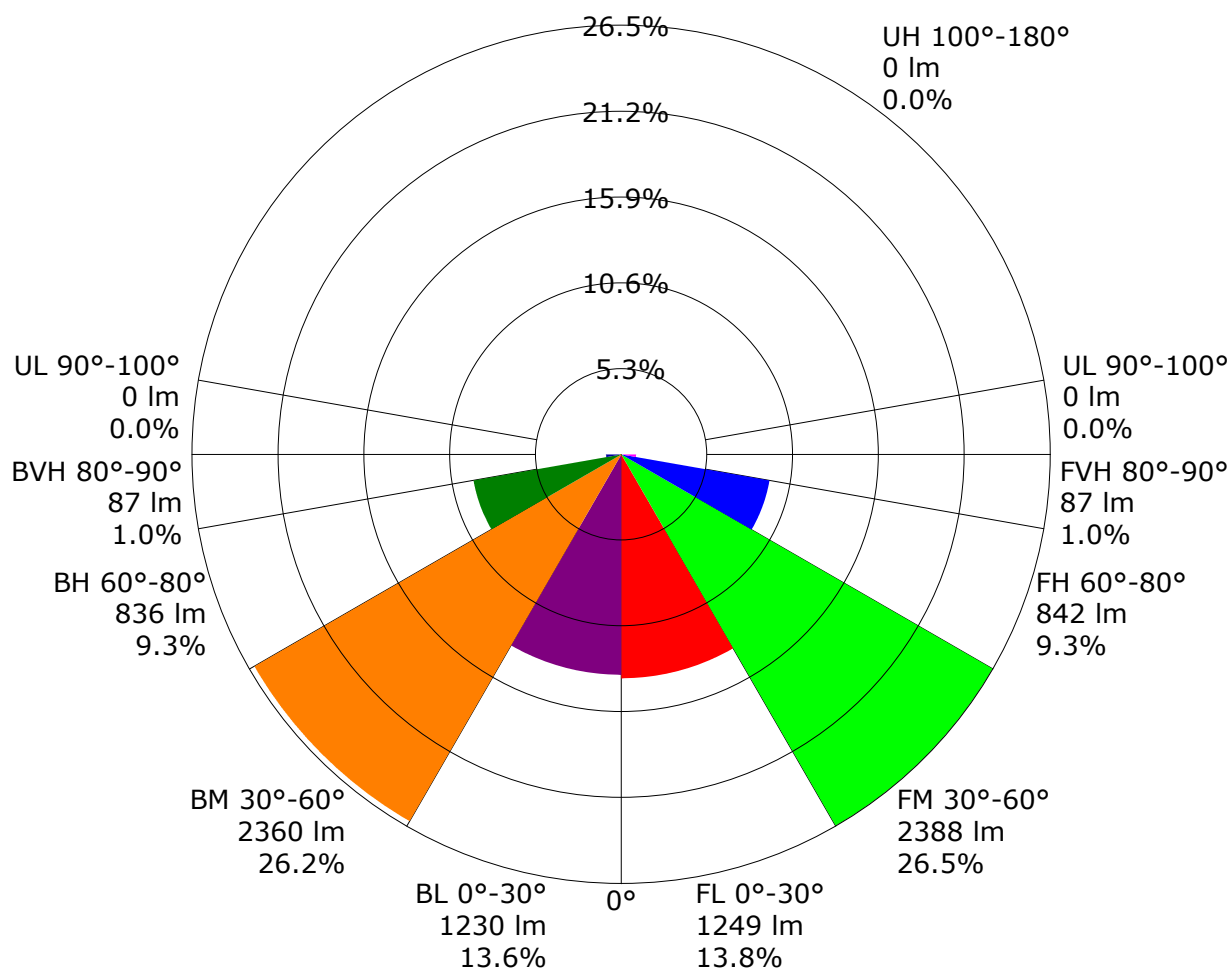
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	4566	50.6
FL (0°-30°)	1249	13.8
FM (30°-60°)	2388	26.5
FH (60°-80°)	842	9.3
FVH (80°-90°)	87	1.0
BACK LIGHT	4513	50.1
BL (0°-30°)	1230	13.6
BM (30°-60°)	2360	26.2
BH (60°-80°)	836	9.3
BVH (80°-90°)	87	1.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U2 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G1

B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

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	0.74	0.79	0.86	0.91	0.94	0.98	1.00	
	0.30		0.49	0.59	0.67	0.72	0.80	0.86	0.89	0.94	0.97	
	0.20		0.43	0.54	0.62	0.68	0.76	0.81	0.86	0.91	0.95	
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.87	0.90	0.94	0.96	
	0.30		0.48	0.58	0.65	0.71	0.78	0.83	0.87	0.91	0.94	
	0.20		0.43	0.53	0.61	0.66	0.74	0.80	0.83	0.89	0.92	
0.30	0.50	0.20	0.53	0.63	0.69	0.74	0.80	0.84	0.87	0.91	0.93	
	0.30		0.47	0.57	0.64	0.69	0.76	0.81	0.84	0.88	0.91	
	0.20		0.43	0.53	0.60	0.65	0.73	0.78	0.81	0.86	0.89	
0.00	0.00	0.00	0.41	0.50	0.57	0.63	0.70	0.74	0.78	0.82	0.84	
Rating:104W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

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	0.93	0.76	0.64	0.55	0.43	0.35	0.30	0.23	0.19	
	0.30		0.78	0.65	0.55	0.48	0.39	0.32	0.28	0.22	0.18	
	0.20		0.67	0.57	0.49	0.43	0.35	0.30	0.26	0.20	0.17	
0.50	0.50	0.20	0.90	0.73	0.61	0.52	0.41	0.37	0.28	0.22	0.18	
	0.30		0.76	0.63	0.54	0.47	0.37	0.31	0.27	0.21	0.17	
	0.20		0.66	0.56	0.48	0.43	0.35	0.29	0.25	0.20	0.16	
0.30	0.50	0.20	0.87	0.70	0.58	0.50	0.39	0.32	0.27	0.21	0.17	
	0.30		0.74	0.62	0.52	0.45	0.36	0.30	0.25	0.20	0.16	
	0.20		0.65	0.55	0.47	0.42	0.34	0.28	0.24	0.19	0.15	
0.00	0.00	0.00	0.55	0.45	0.38	0.33	0.26	0.22	0.18	0.14	0.11	
Rating:104W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

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	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21	
	0.30		0.09	0.11	0.12	0.13	0.14	0.16	0.16	0.18	0.18	
	0.20		0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	
0.50	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.19	0.20	
	0.30		0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		0.04	0.06	0.07	0.09	0.11	0.12	0.13	0.15	0.16	
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.17	0.18	0.18	0.19	0.19	
	0.30		0.09	0.10	0.11	0.12	0.14	0.15	0.15	0.16	0.17	
	0.20		0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.15	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Rating:104W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

B Plane (°):-90.0-90.0: 30.0
 Test Lab:
 Test Type: TYPE B
 Temperature:
 Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.012 m
 Humidity:
 Inspector:

Zonal Lumen

[illegible]

B Plane (°):-90.0-90.0: 30.0
Test Lab:
Test Type: TYPE B
Temperature:
Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.012 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

cone flux(90°): 4891.56 lm

%lum = 54.3%
%lamp = 54.3%

cone flux(120°): 7176.62 lm

%lum = 79.6%
%lamp = 79.6%

B Plane (°):-90.0-90.0: 30.0
Test Lab:
Test Type: TYPE B
Temperature:
Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.012 m
Humidity:
Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

B Plane (°):-90.0-90.0: 30.0	Beta Plane (°):-90.0-90.0:1.0
Test Lab:	Test Device: GPM-1600L
Test Type: TYPE B	Distance: 7.012 m
Temperature:	Humidity:
Operator: ZBB	Inspector:

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.012 m

Humidity:

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

Unit: cd

Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	1.#J
L 0-180(75) av	1.#J
L 0-180(85) av	1.#J
L 90-270(65) av	1.#J
L 90-270(75) av	1.#J
L 90-270(85) av	1.#J
L 45(65) av	1.#J
L 45(75) av	1.#J
L 45(85) av	1.#J

Standard: GB/T 29293-2012

B Plane (°):-90.0-90.0: 30.0
Test Lab:
Test Type: TYPE B
Temperature:
Operator: ZBB

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.012 m
Humidity:
Inspector: