

Report No.:

Test Time:

Luminaire Property

Luminaire Manufacturer: OSAKA LIGHTING (PVT.) LTD.

Luminaire Category: LED HIGHBAY

Lamp Catalog: LED

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.921 A

Power Factor: 0.965

Luminaire Description: H001E-200W

Lamp Description: SMD

Lumens per Lamp:

Luminous Width (mm):

Voltage: 230.6 V

Power: 204.94 W

Photometric Results

IES NEMA Type: 7H x 7V

Measurement radiation Flux: 34464 mW

Field Lumens: 33260.6 mW

Field Angle: H134.5, V157.0

Luminous Efficacy (lm/w): 168.17

Max. Intensity: 467.14 mW/sr/klm

Total Rated Lamp radiation flux: 34464.0 mW

Efficiency: 100%

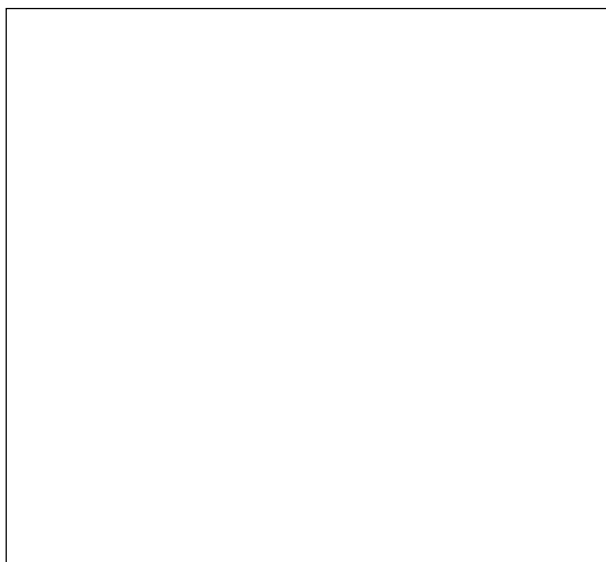
Field Efficiency: 96.51%

Beam Angle: H94.1, V93.8

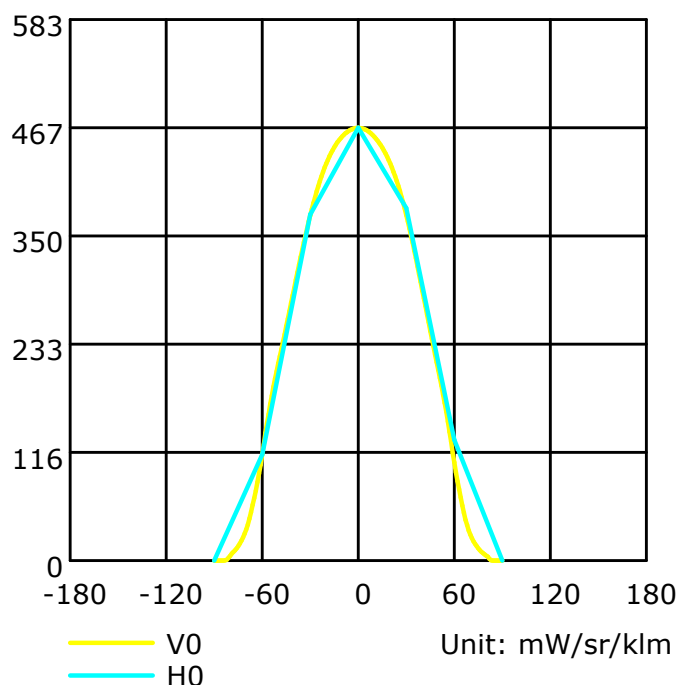
C0r0 Intensity: 467.13 mW/sr/klm

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Radiation Intensity Distribution Curve



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: F

Beta Plane (°):-90.0-90.0:1.0

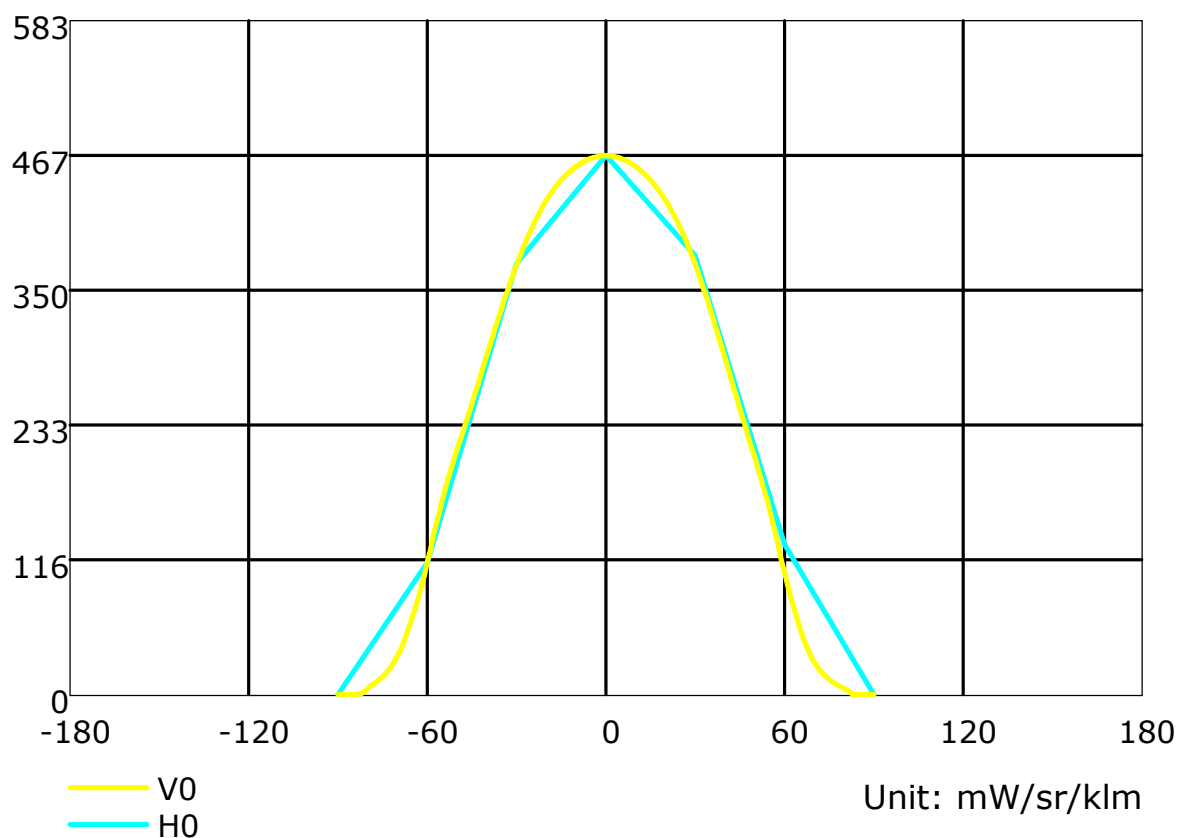
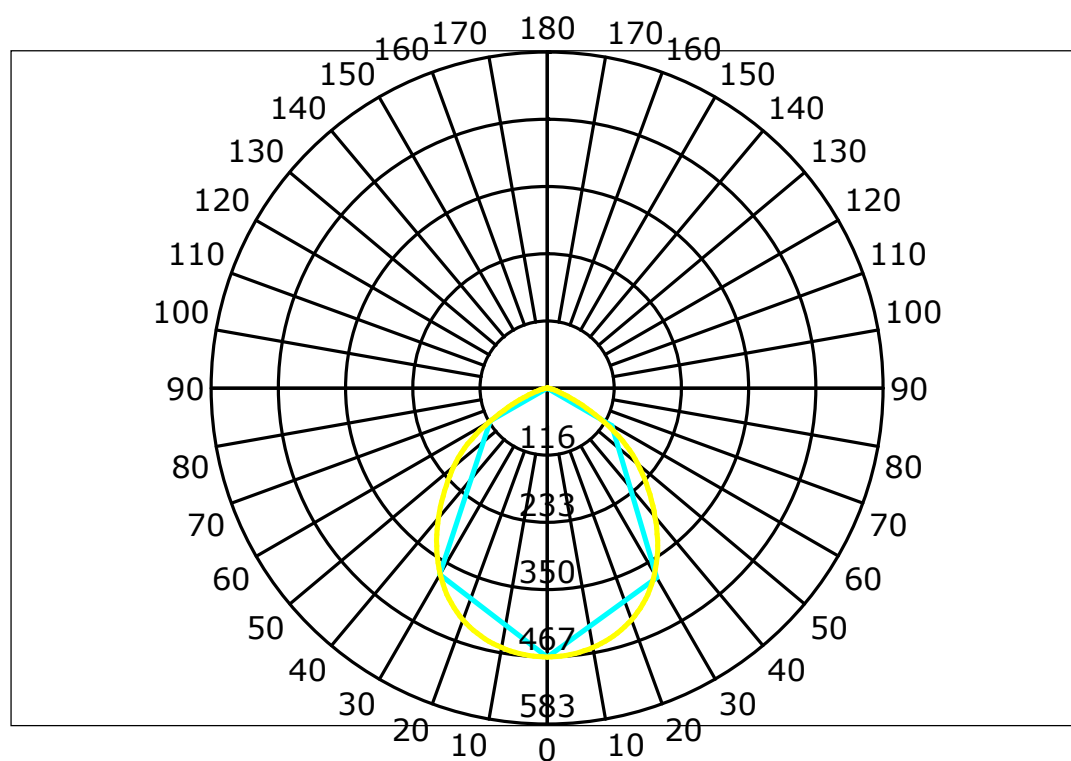
Test Device: GPM-1600L

Distance: 6.912 m

Humidity:

Inspector:

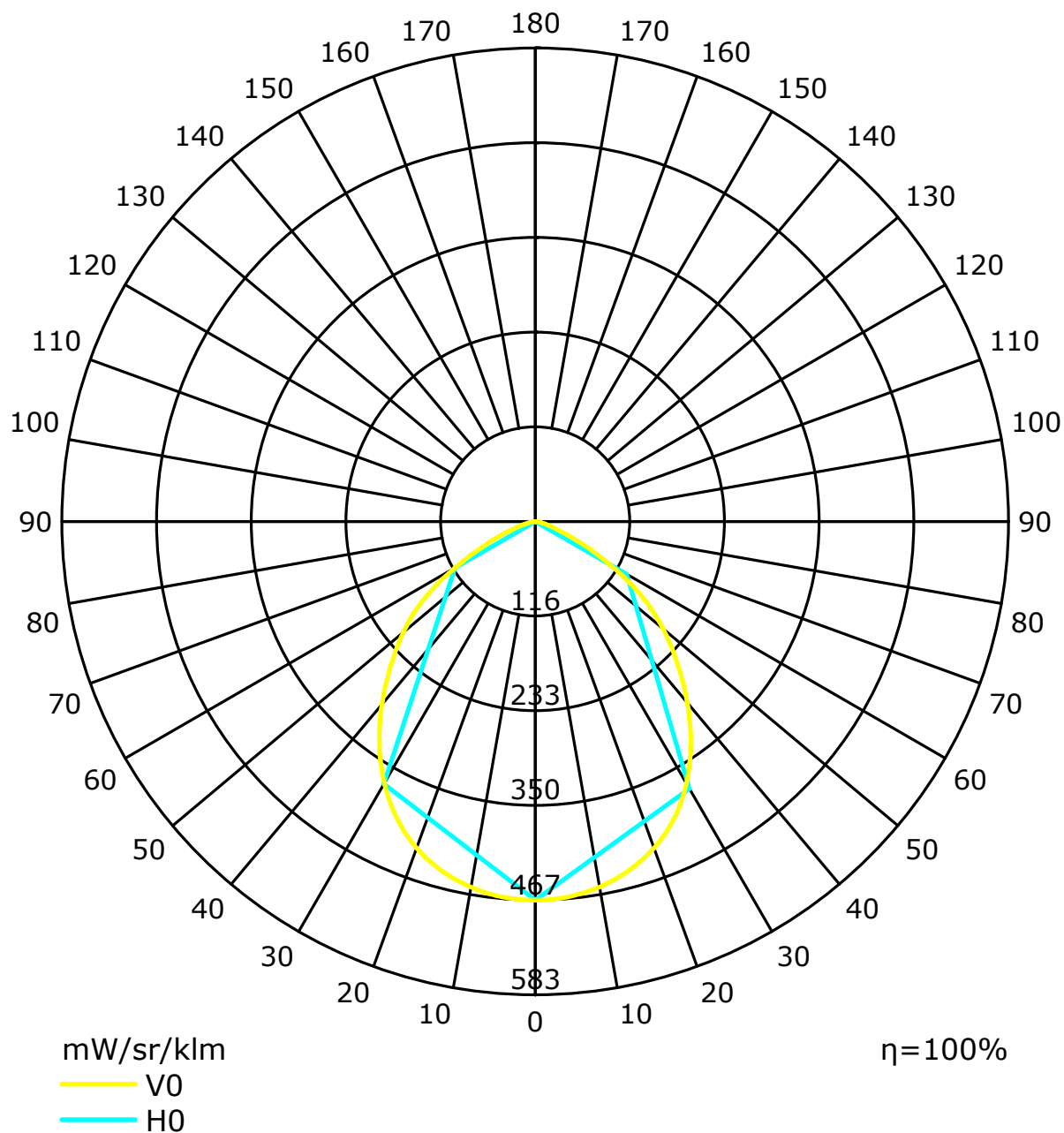
Radiation Intensity Distribution Curve



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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Radiation Intensity Distribution Curve(mW/sr/klm)



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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

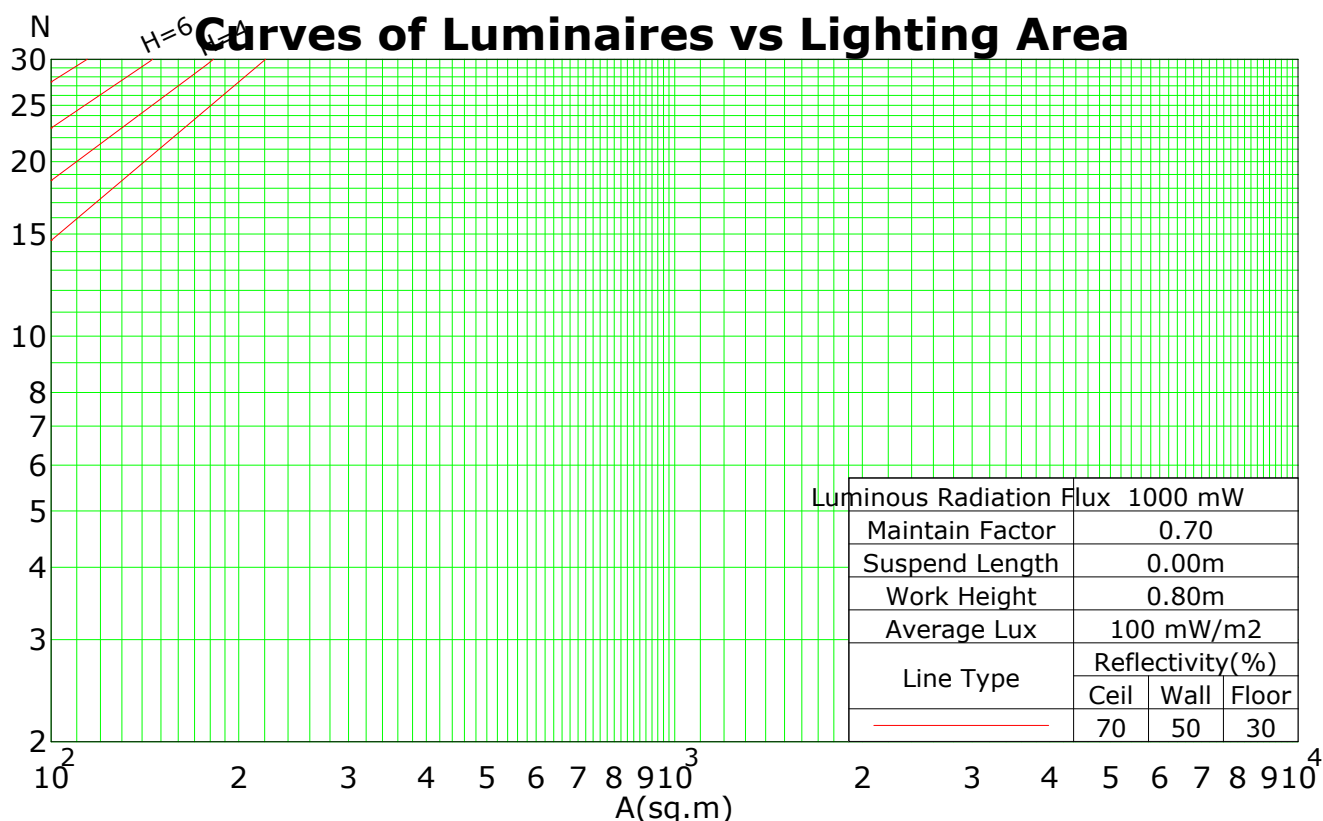
Coefficients Of Utilization - Zonal Cavity Method

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	1.10	1.06	1.02	0.99	1.08	1.04	1.01	0.97	1.00	0.97	0.94	0.96	0.94	0.92	0.92	0.91	0.89	0.87
2	1.02	0.94	0.88	0.83	0.99	0.92	0.87	0.82	0.89	0.84	0.80	0.86	0.82	0.78	0.83	0.80	0.77	0.75
3	0.94	0.84	0.77	0.71	0.91	0.82	0.76	0.70	0.80	0.74	0.69	0.77	0.72	0.68	0.74	0.70	0.67	0.65
4	0.86	0.75	0.67	0.61	0.84	0.74	0.67	0.61	0.72	0.65	0.60	0.69	0.64	0.59	0.67	0.62	0.58	0.56
5	0.80	0.68	0.60	0.53	0.78	0.67	0.59	0.53	0.65	0.58	0.53	0.63	0.57	0.52	0.61	0.56	0.52	0.50
6	0.74	0.62	0.53	0.47	0.72	0.61	0.53	0.47	0.59	0.52	0.47	0.57	0.51	0.46	0.56	0.50	0.46	0.44
7	0.69	0.56	0.48	0.42	0.67	0.55	0.48	0.42	0.54	0.47	0.42	0.53	0.46	0.41	0.51	0.46	0.41	0.39
8	0.64	0.52	0.43	0.38	0.63	0.51	0.43	0.38	0.50	0.43	0.38	0.48	0.42	0.37	0.47	0.41	0.37	0.35
9	0.60	0.47	0.40	0.34	0.59	0.47	0.39	0.34	0.46	0.39	0.34	0.45	0.38	0.34	0.44	0.38	0.34	0.32
10	0.57	0.44	0.36	0.31	0.55	0.43	0.36	0.31	0.42	0.36	0.31	0.42	0.35	0.31	0.41	0.35	0.31	0.29

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.20

Spacing Criteria (Diagonal): 1.26



B Plane (°):-90.0-90.0: 30.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator: F

Beta Plane (°):-90.0-90.0:1.0

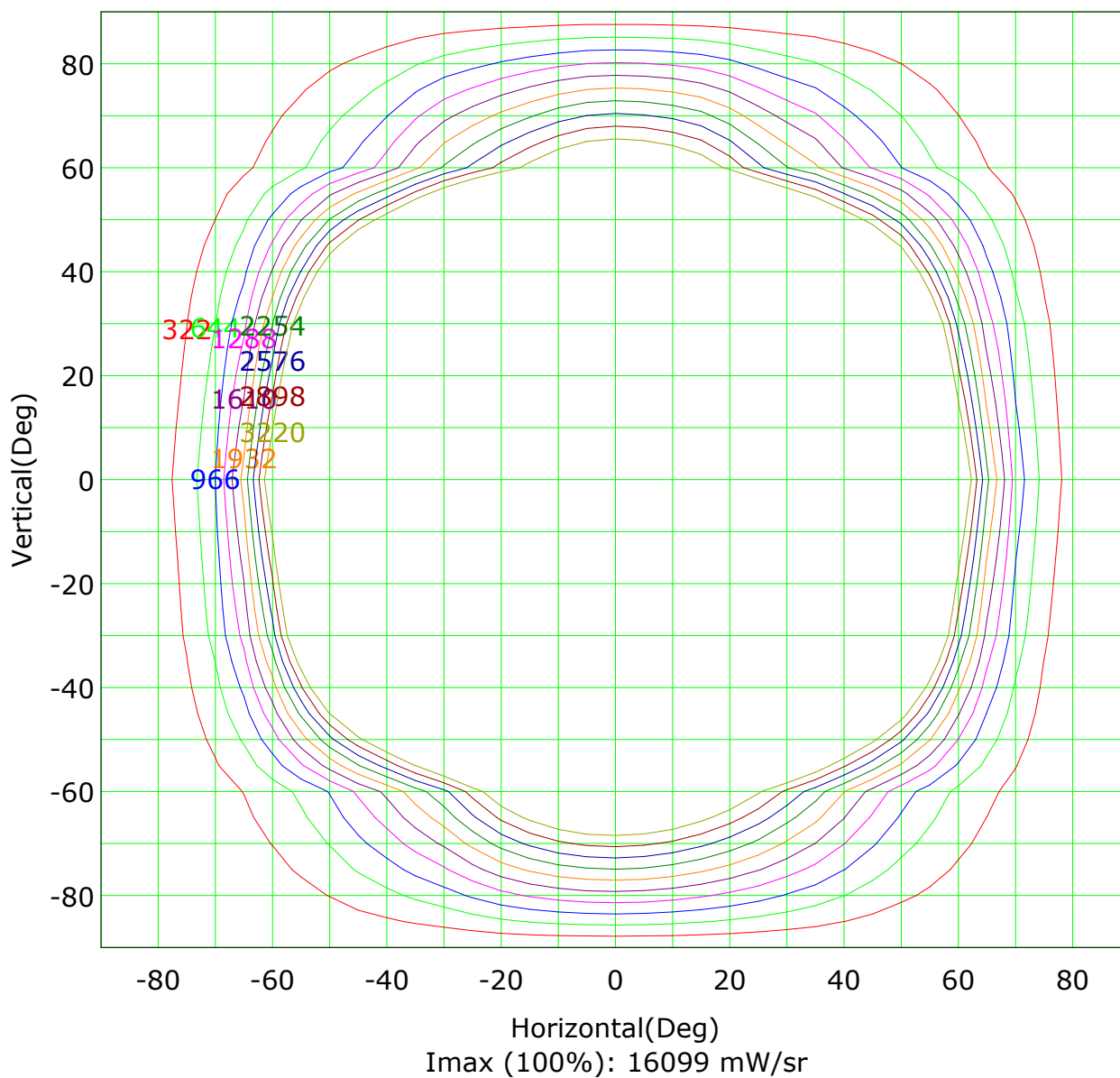
Test Device: GPM-1600L

Distance: 6.912 m

Humidity:

Inspector:

Iso Radiation intensity(rectangle)

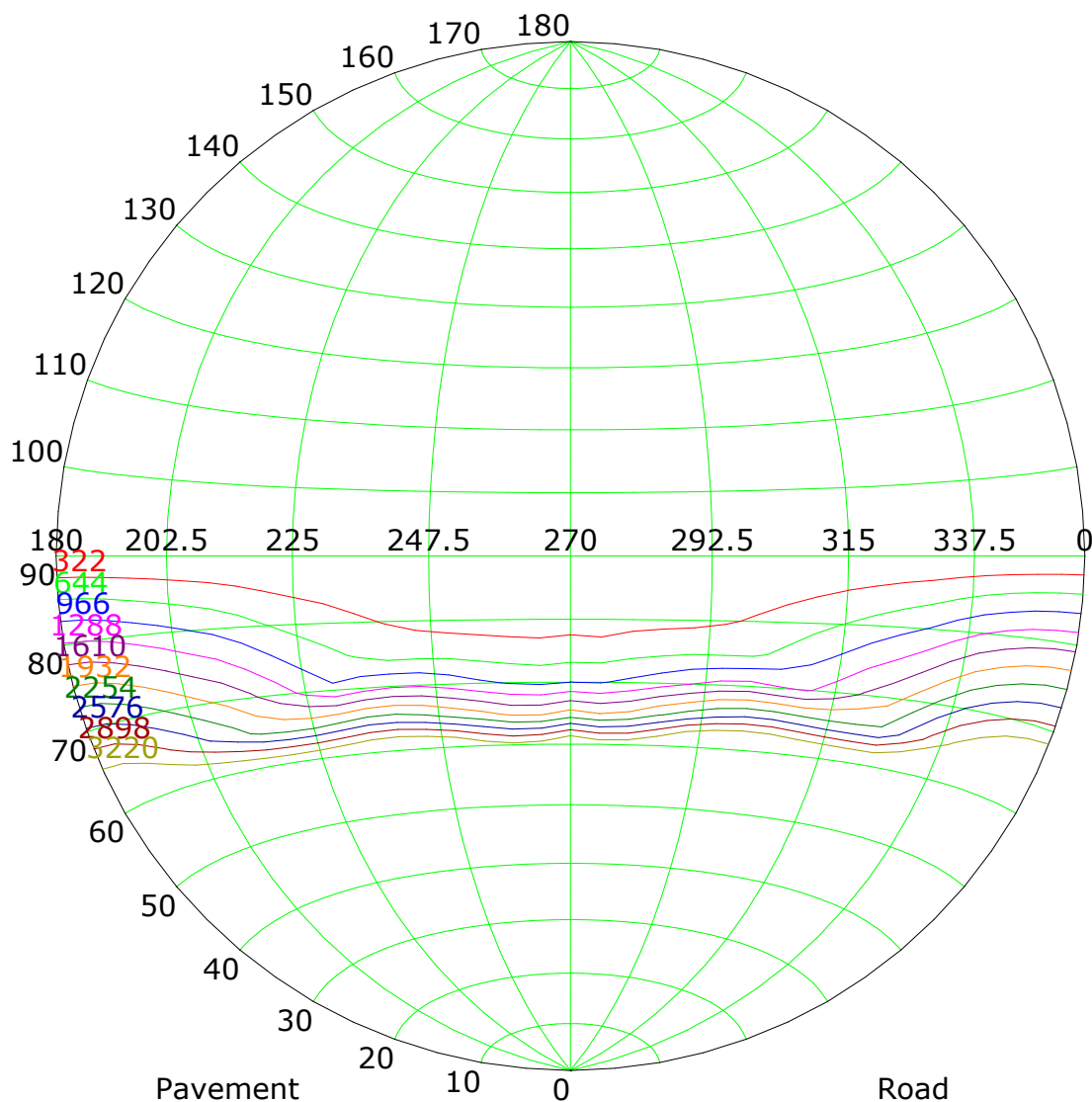


(2%): 322 mW/sr	(4%): 644 mW/sr
(6%): 966 mW/sr	(8%): 1288 mW/sr
(10%): 1610 mW/sr	(12%): 1932 mW/sr
(14%): 2254 mW/sr	(16%): 2576 mW/sr
(18%): 2898 mW/sr	(20%): 3220 mW/sr

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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Iso Radiation intensity(sphere)



Imax (100%): 16099 mW/sr

(2%): 322 mW/sr	(4%): 644 mW/sr
(6%): 966 mW/sr	(8%): 1288 mW/sr
(10%): 1610 mW/sr	(12%): 1932 mW/sr
(14%): 2254 mW/sr	(16%): 2576 mW/sr
(18%): 2898 mW/sr	(20%): 3220 mW/sr

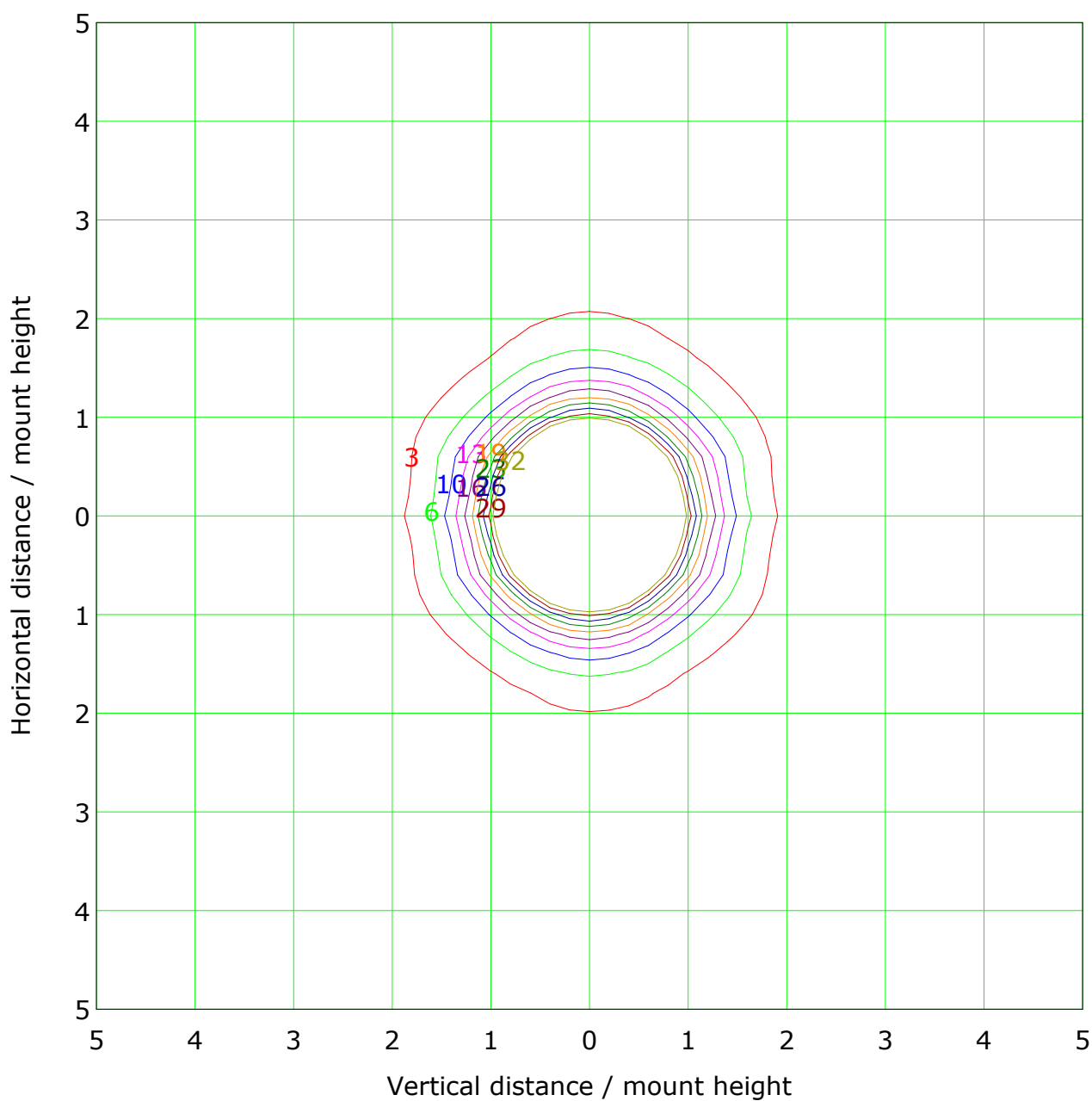
CIE: narrow - long
CIE: Non-cut-off luminaire
Max.At90: 13.554 cd/klm

IES: Cut-off
Max.At80: 13.287 cd/klm
Max.80-90: 13.554 cd/klm

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

IsoIrradiance Plot



Mounting Height: 10.0m Max Irradiance(100%): 161.0 mW/m²

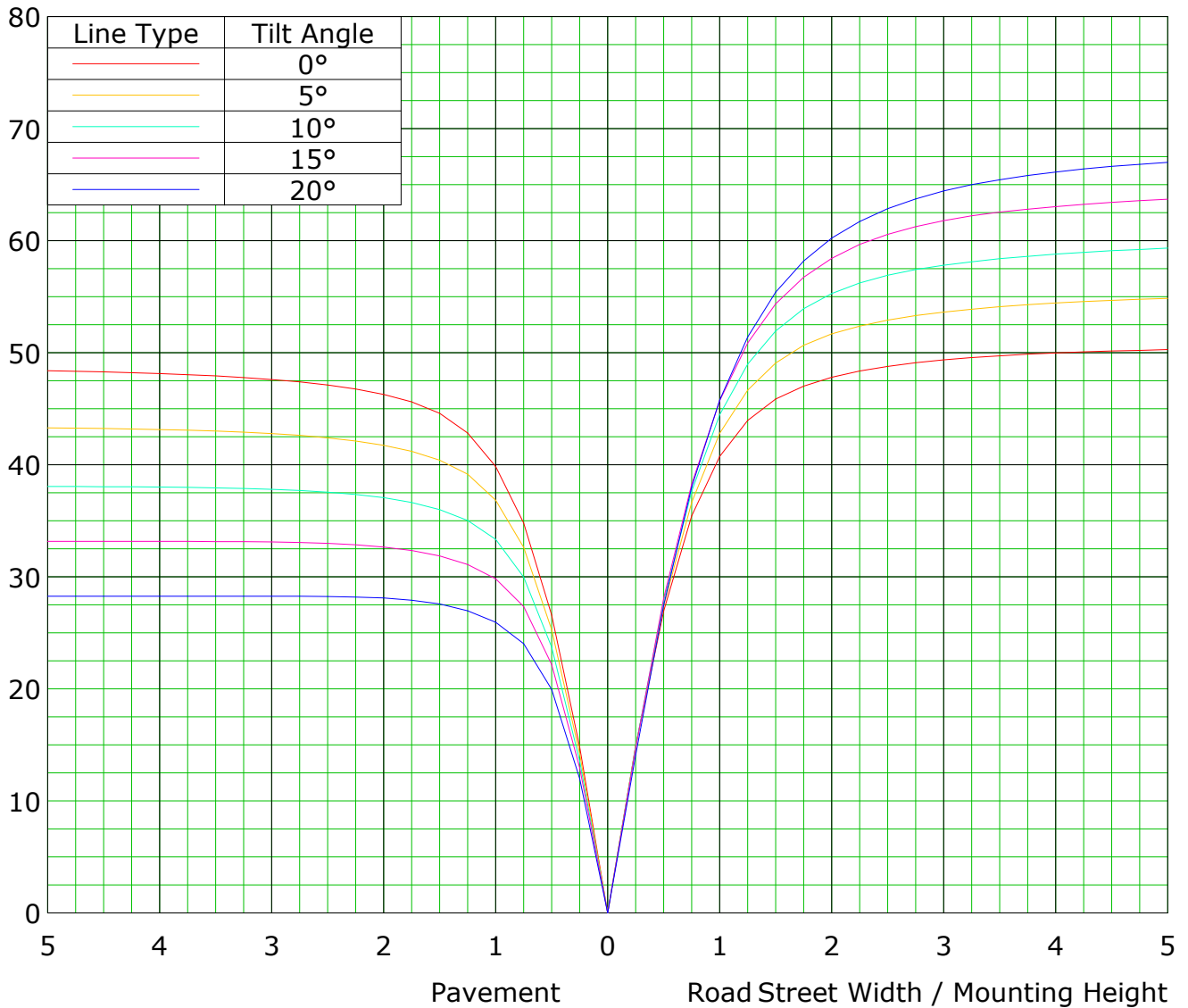
(2%): 3.2 mW/m²	(4%): 6.4 mW/m²
(6%): 9.7 mW/m²	(8%): 12.9 mW/m²
(10%): 16.1 mW/m²	(12%): 19.3 mW/m²
(14%): 22.5 mW/m²	(16%): 25.8 mW/m²
(18%): 29.0 mW/m²	(20%): 32.2 mW/m²

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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



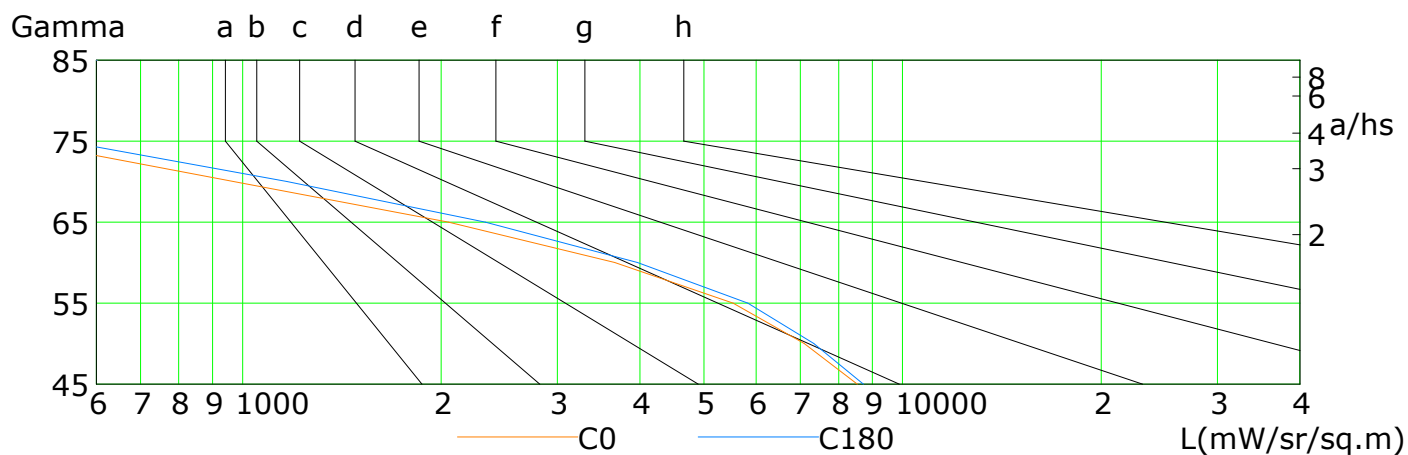
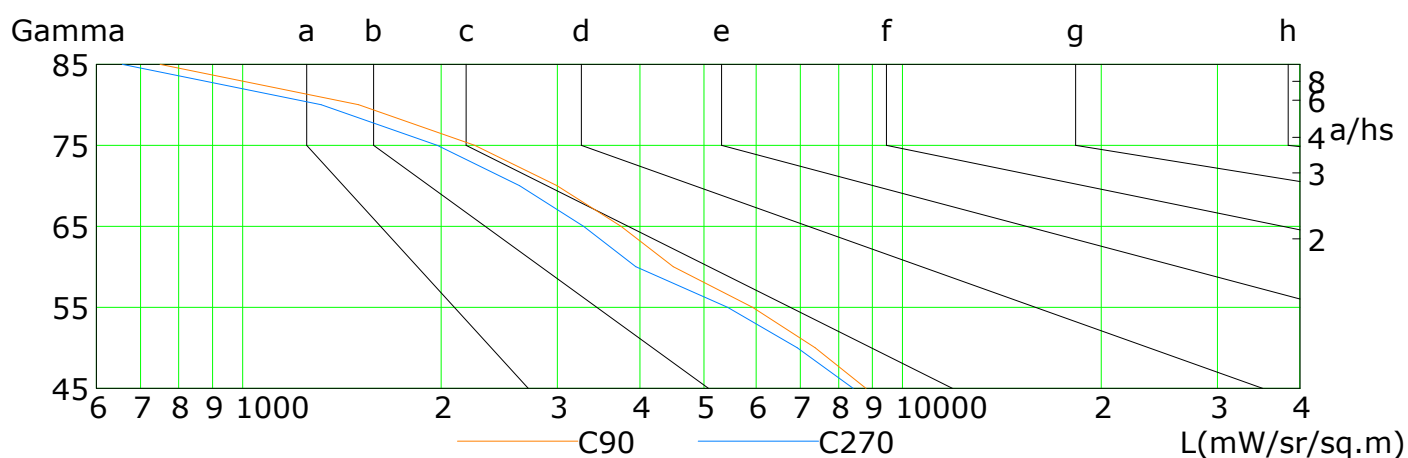
B Plane (°):-90.0-90.0: 30.0
Test Lab:
Test Type: TYPE B
Temperature:
Operator: F

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 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

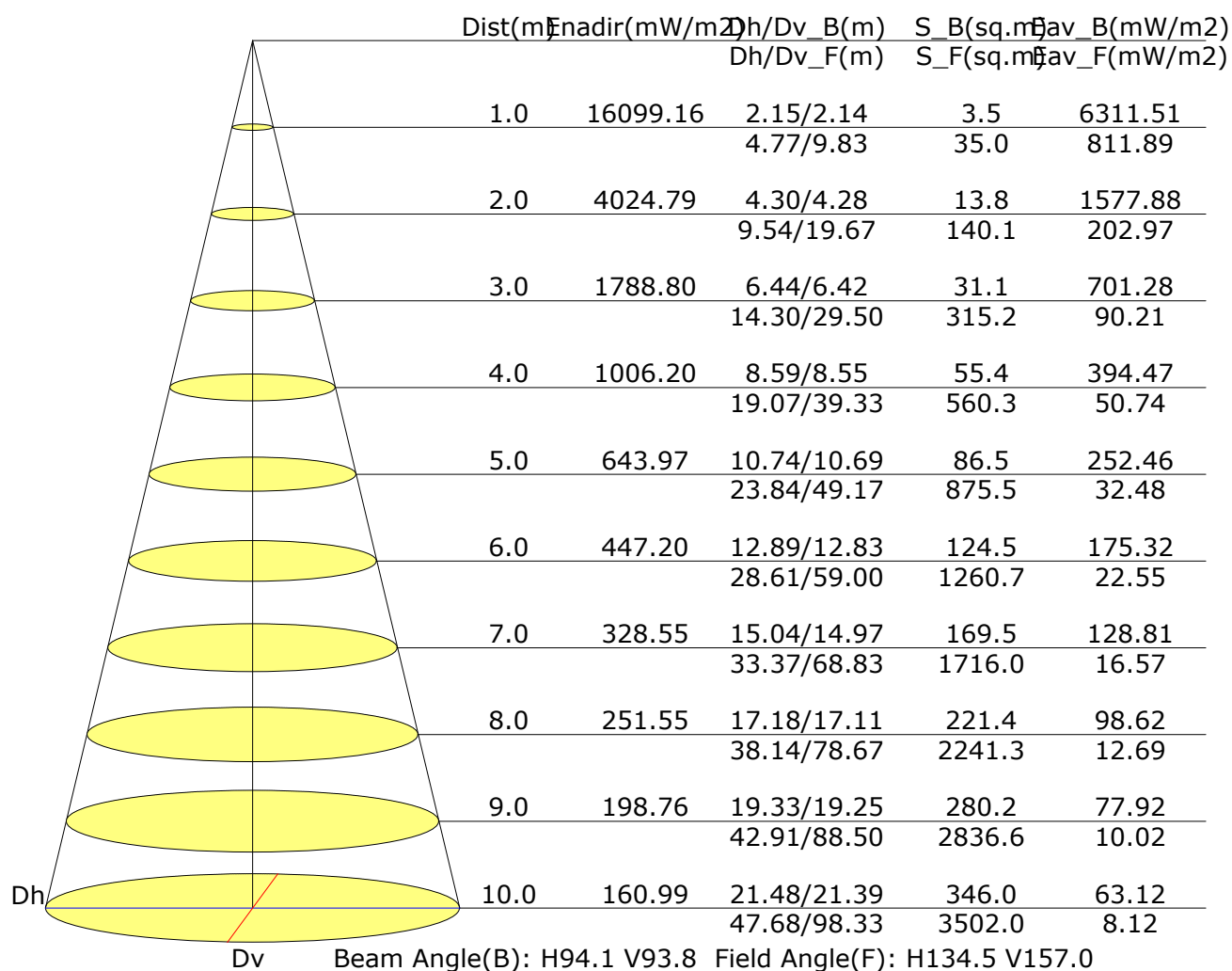


L(mW/sr/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	8544	7096	5539	3660	2052	969	460	189	0
C90	8802	7365	5929	4492	3743	2995	2247	1498	750
C180	8720	7337	5828	3963	2333	1167	538	188	0
C270	8412	6923	5433	3943	3286	2629	1972	1314	657

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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

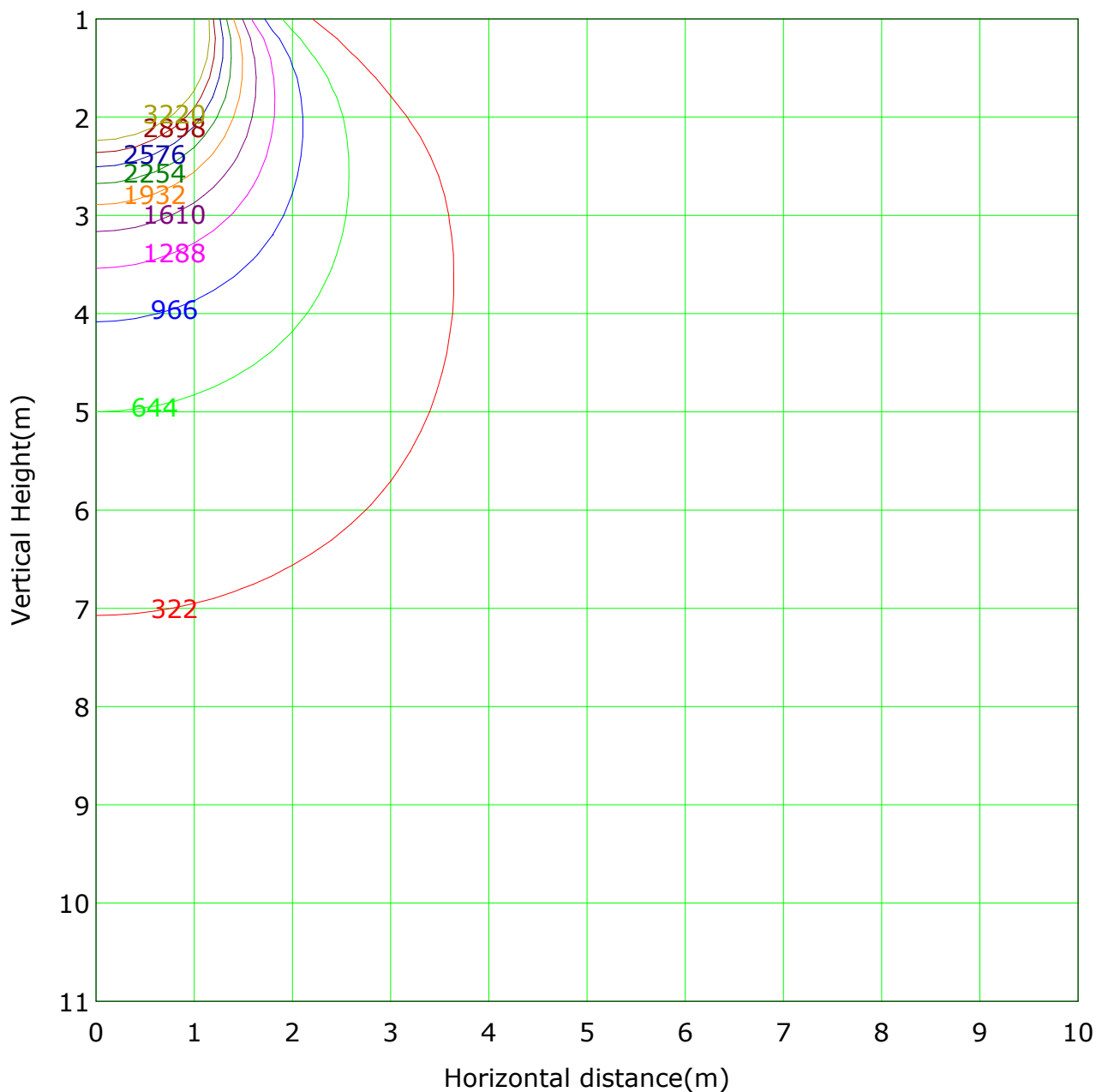
Illuminance at a Distance



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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Vertical IsoIrradiance Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Irradiance: 16099.2 mW/m²

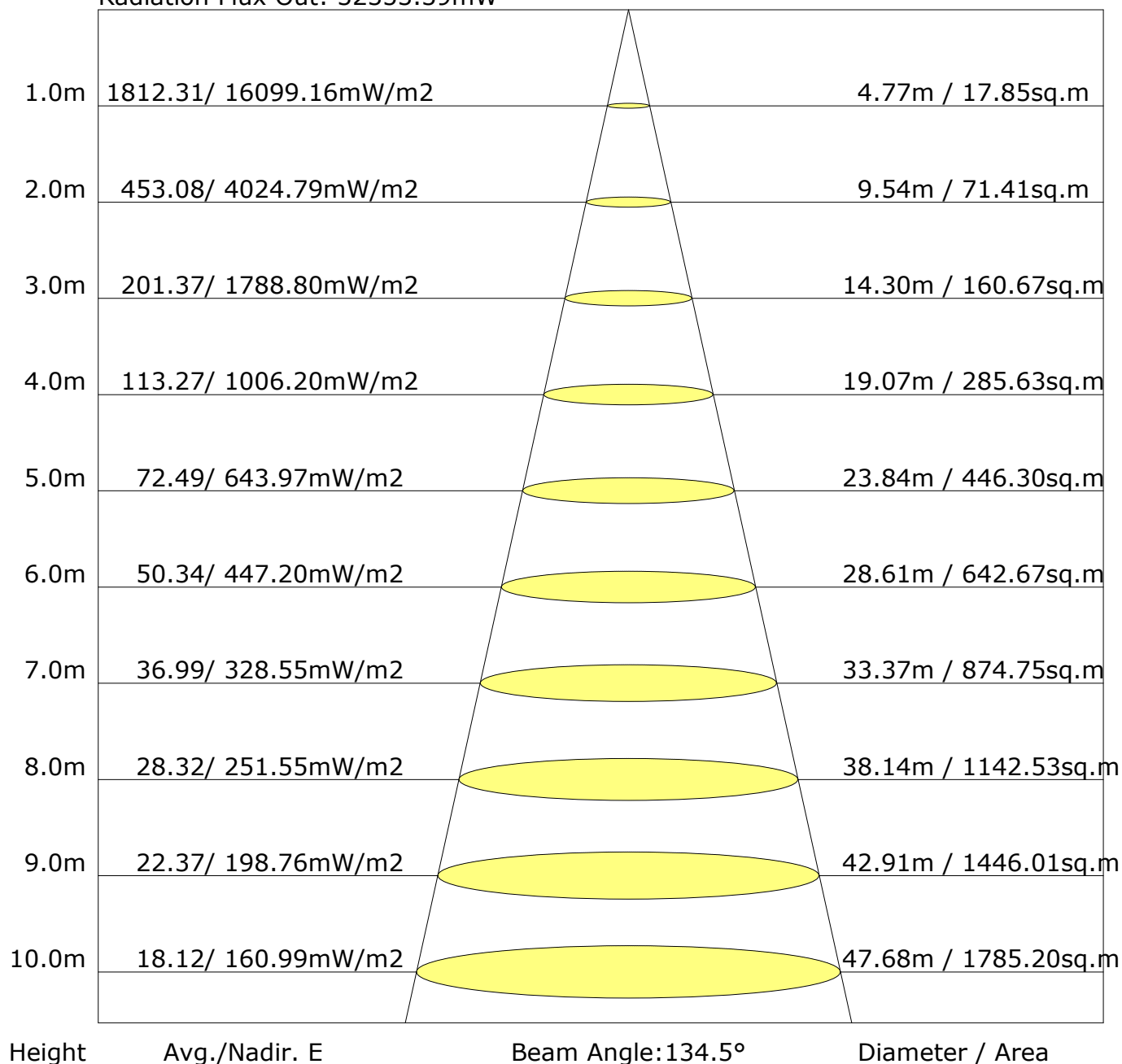
(2%): 322.0 mW/m²	(4%): 644.0 mW/m²
(6%): 965.9 mW/m²	(8%): 1287.9 mW/m²
(10%): 1609.9 mW/m²	(12%): 1931.9 mW/m²
(14%): 2253.9 mW/m²	(16%): 2575.9 mW/m²
(18%): 2897.8 mW/m²	(20%): 3219.8 mW/m²

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

Beta Plane (°): -90.0-90.0: 1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Radiation Flux Out: 32353.39mW



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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

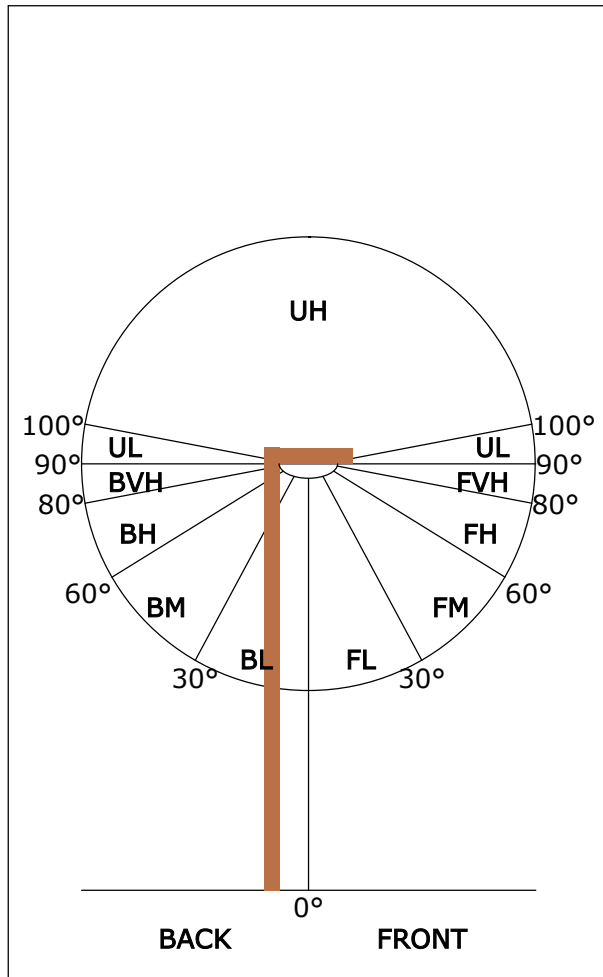
UGR Table

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 $34464 \ln (8 \log(F/F_0) = 12.3)$.

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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

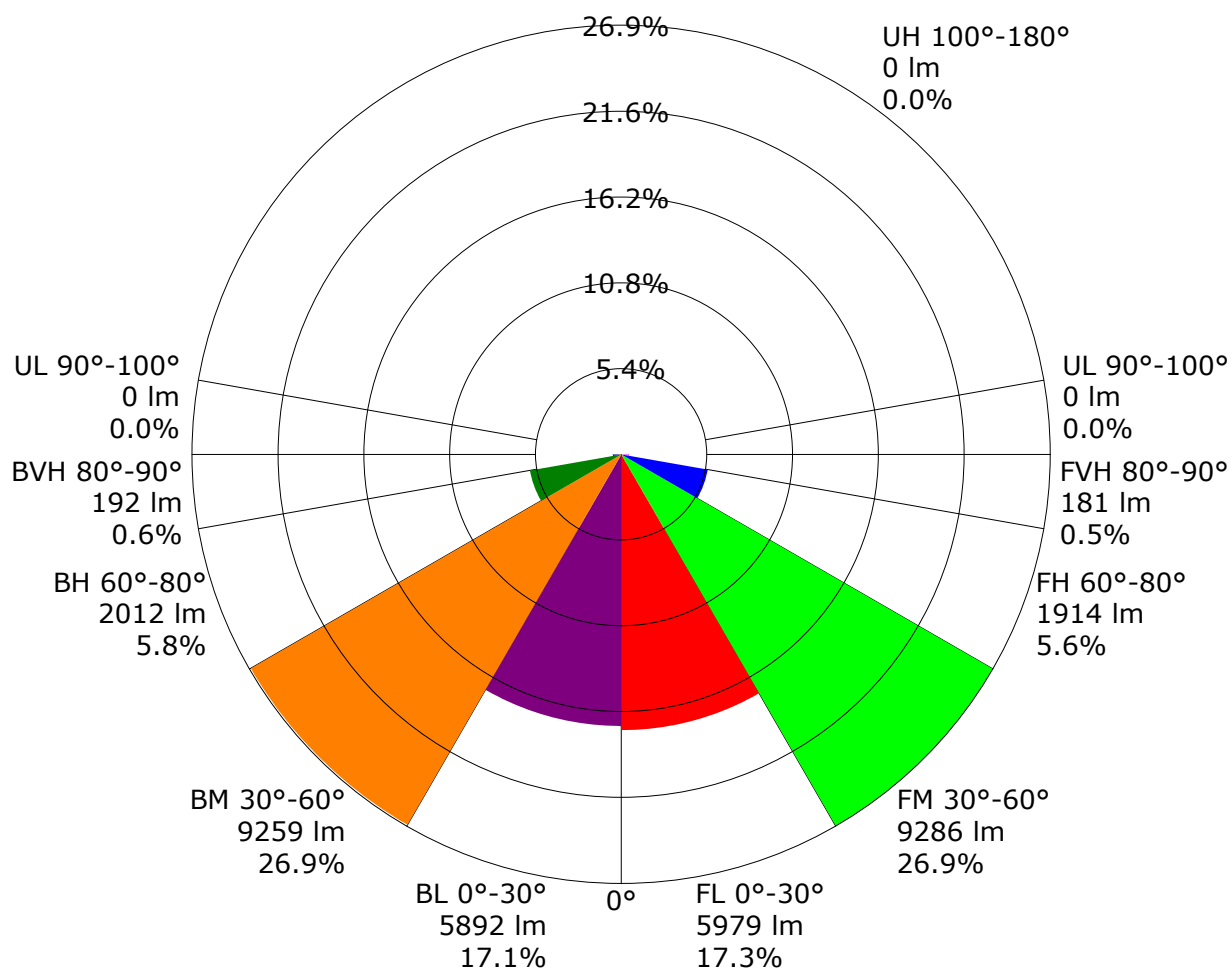
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	17360	50.4
FL (0°-30°)	5979	17.3
FM (30°-60°)	9286	26.9
FH (60°-80°)	1914	5.6
FVH (80°-90°)	181	0.5
BACK LIGHT	17355	50.4
BL (0°-30°)	5892	17.1
BM (30°-60°)	9259	26.9
BH (60°-80°)	2012	5.8
BVH (80°-90°)	192	0.6
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	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)	B5 U5 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

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

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 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: F

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00									
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	0.53	0.62	0.68	0.72	0.78	0.82	0.84	0.88	0.90	
	0.30		0.47	0.56	0.63	0.67	0.74	0.78	0.81	0.85	0.87	
	0.20		0.43	0.52	0.58	0.63	0.70	0.75	0.78	0.82	0.85	
0.50	0.50	0.20	0.52	0.60	0.66	0.70	0.76	0.79	0.81	0.84	0.86	
	0.30		0.46	0.55	0.61	0.66	0.72	0.76	0.78	0.82	0.84	
	0.20		0.42	0.51	0.58	0.62	0.69	0.73	0.76	0.80	0.83	
0.30	0.50	0.20	0.51	0.59	0.64	0.68	0.73	0.76	0.79	0.81	0.83	
	0.30		0.46	0.54	0.60	0.64	0.70	0.74	0.76	0.79	0.81	
	0.20		0.42	0.51	0.57	0.61	0.67	0.71	0.74	0.78	0.80	
0.00	0.00	0.00	0.40	0.49	0.55	0.59	0.65	0.68	0.71	0.74	0.76	
Rating:205W 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: F

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00									
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	0.77	0.62	0.52	0.44	0.35	0.28	0.24	0.19	0.15	
	0.30		0.64	0.53	0.45	0.39	0.31	0.26	0.22	0.17	0.14	
	0.20		0.55	0.46	0.40	0.35	0.29	0.24	0.21	0.16	0.14	
0.50	0.50	0.20	0.74	0.59	0.49	0.42	0.33	0.30	0.23	0.17	0.14	
	0.30		0.63	0.51	0.44	0.38	0.30	0.25	0.21	0.16	0.13	
	0.20		0.54	0.45	0.39	0.34	0.28	0.23	0.20	0.16	0.13	
0.30	0.50	0.20	0.72	0.57	0.47	0.40	0.31	0.26	0.22	0.16	0.13	
	0.30		0.61	0.50	0.42	0.37	0.29	0.24	0.20	0.16	0.13	
	0.20		0.54	0.45	0.38	0.34	0.27	0.22	0.19	0.15	0.12	
0.00	0.00	0.00	0.44	0.36	0.30	0.26	0.20	0.17	0.14	0.11	0.09	
Rating:205W 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: F

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.00									
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	0.13	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	
	0.30		0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.16	
	0.20		0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.14	0.15	
0.50	0.50	0.20	0.13	0.14	0.14	0.15	0.16	0.16	0.17	0.17	0.17	
	0.30		0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	
	0.20		0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	
0.30	0.50	0.20	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.16	0.17	
	0.30		0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	
	0.20		0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Rating:205W 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: F

Beta Plane (°):-90.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 6.912 m
 Humidity:
 Inspector:

Zonal Lumen

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

cone flux(90°): 22231.55 mW

%lum = 64.5%
%lamp = 64.5%

cone flux(120°): 30218.14 mW

%lum = 87.7%
%lamp = 87.7%

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 5)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 6)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 7)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 8)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 9)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 10)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 11)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 12)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 13)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 14)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 15)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 16)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 17)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

Candlepower Table (Continue 18)

Unit: mW/sr/klm

[illegible]

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

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector:

LED Average Luminance Report

Avg.L	mW/sr/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: F

Beta Plane (°):-90.0-90.0:1.0
Test Device: GPM-1600L
Distance: 6.912 m
Humidity:
Inspector: