

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: 0.466 A

Power Factor: 0.990

Luminaire Description: E002EI-100W-6500K

Lamp Description: SMD

Lumens per Lamp:

Luminous Width (mm):

Voltage: 230.0 V

Power: 104.26 W

Photometric Results

IES NEMA Type: 7H x 7V

Measurement Flux: 9234.7 lm

Field Lumens: 9095.4 lm

Field Angle: H153.0, V167.2

Luminaire Efficacy Rating (LER): 88.62

Max. Intensity: 3178.09 cd

Total Rated Lamp Lumens: 9234.7 lm

Efficiency: 100%

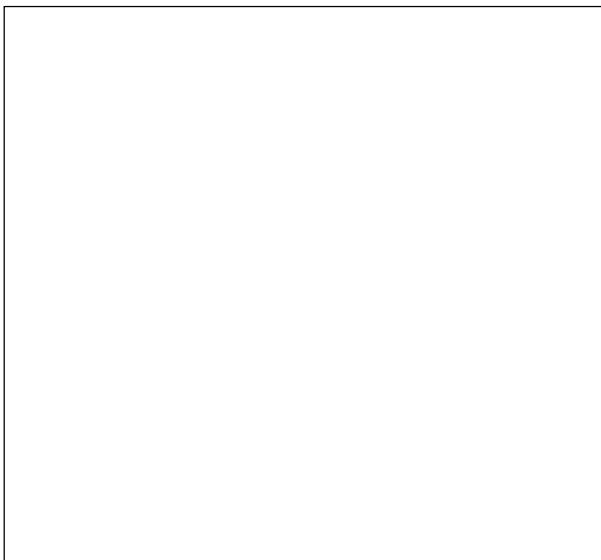
Field Efficiency: 98.49%

Beam Angle: H116.6, V114.9

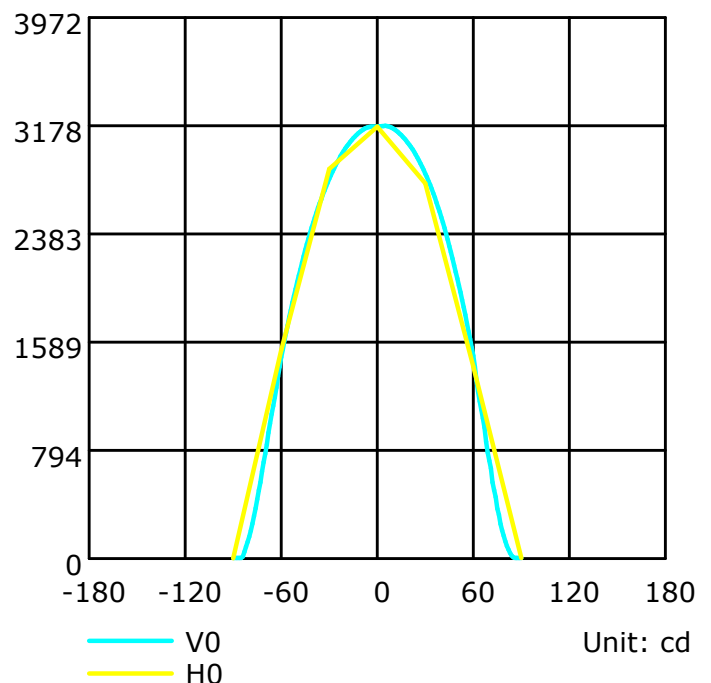
C0r0 Intensity: 3172.67 cd

Pos of Max. Intensity: H0 V5

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

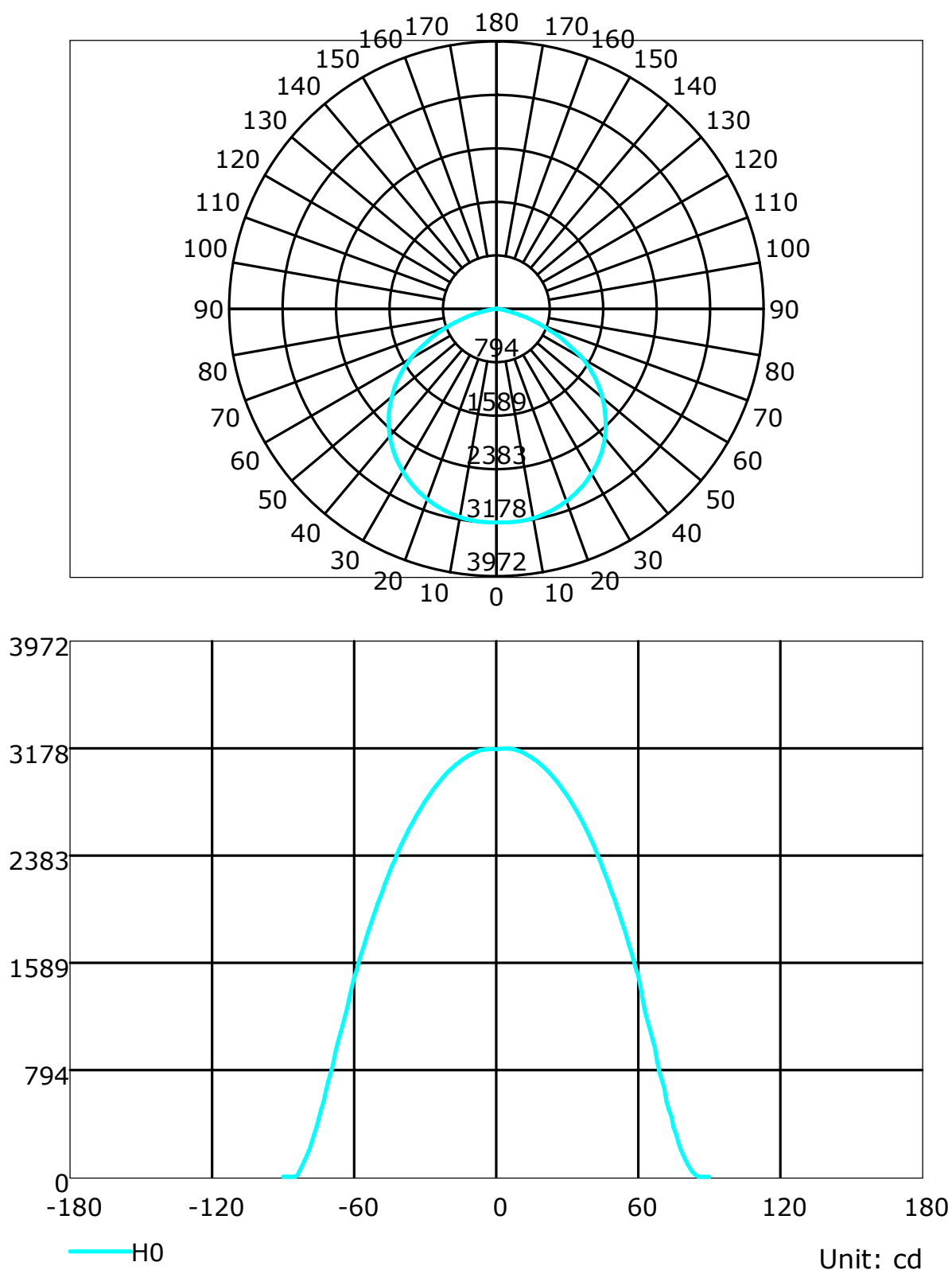
Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

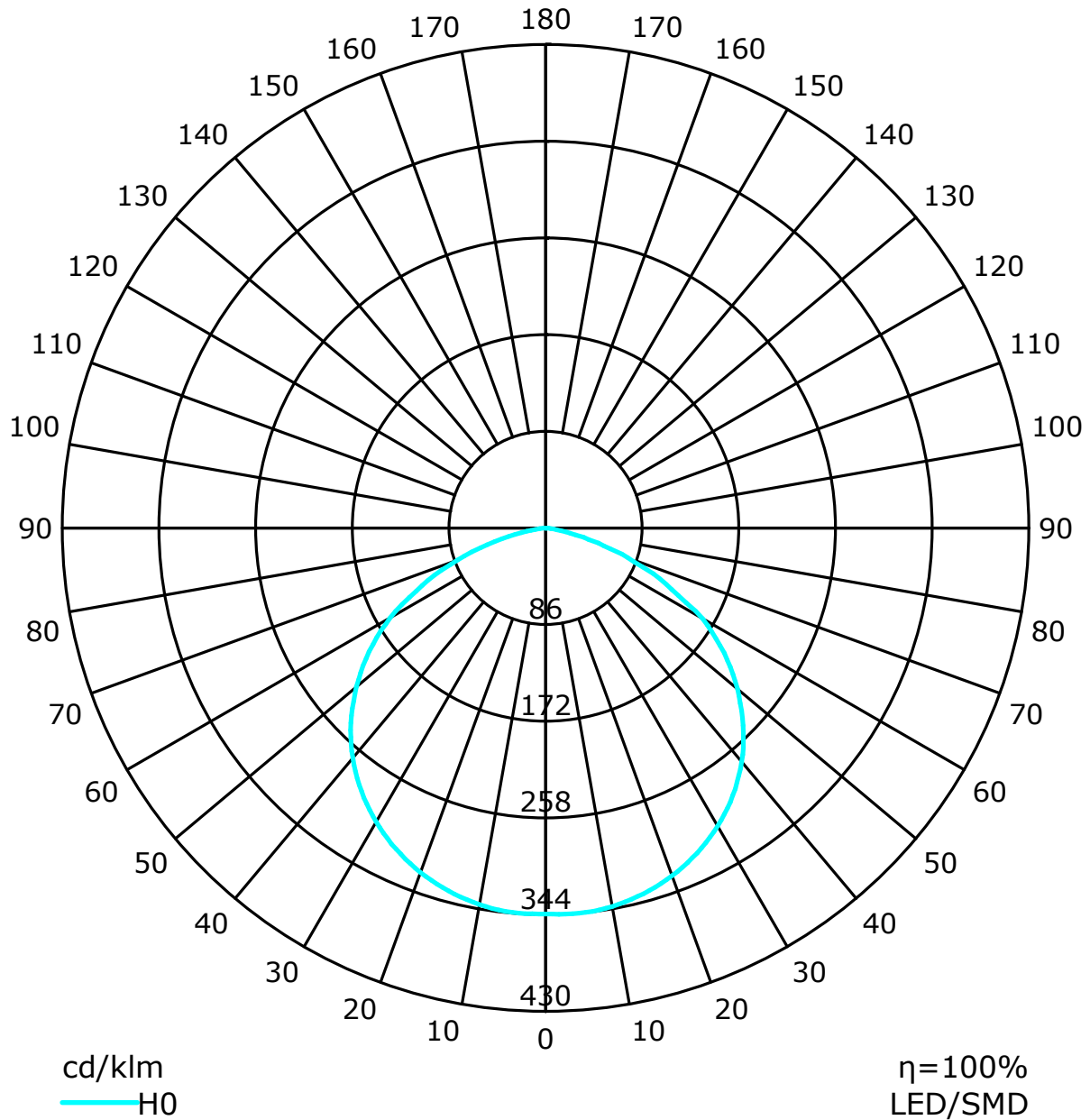
Luminous Intensity Distribution Curve



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: 7.132 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: 7.132 m

Humidity:

Inspector:

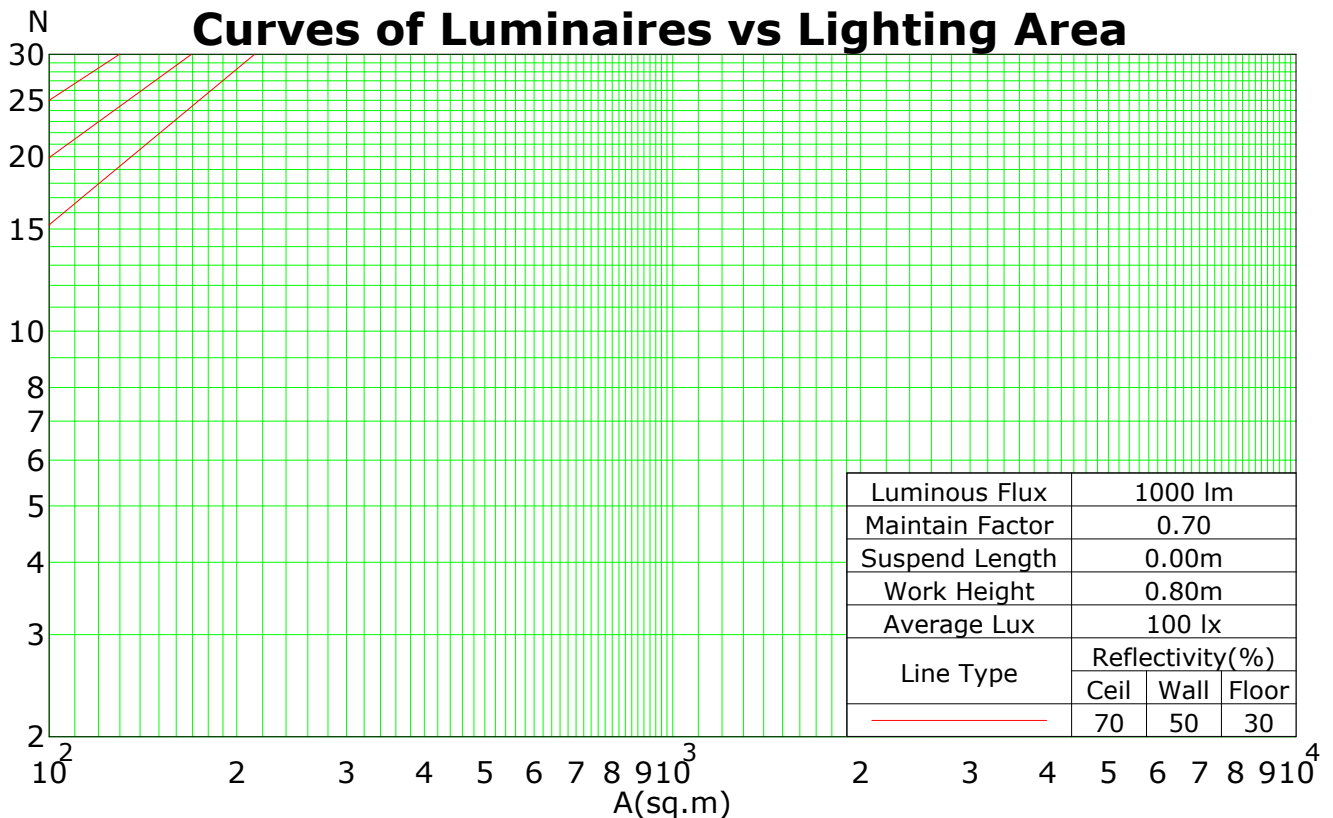
Coefficients Of Utilization - Zonal Cavity Method

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	0.97	0.94	0.91	0.93	0.91	0.88	0.90	0.88	0.86	0.84
2	0.99	0.91	0.84	0.78	0.96	0.89	0.82	0.77	0.85	0.80	0.75	0.82	0.77	0.73	0.79	0.75	0.72	0.70
3	0.90	0.79	0.71	0.65	0.88	0.78	0.70	0.64	0.75	0.68	0.63	0.72	0.66	0.62	0.69	0.65	0.61	0.58
4	0.82	0.70	0.61	0.55	0.80	0.69	0.61	0.54	0.66	0.59	0.53	0.64	0.58	0.53	0.62	0.56	0.52	0.50
5	0.76	0.63	0.54	0.47	0.74	0.62	0.53	0.47	0.59	0.52	0.46	0.57	0.51	0.46	0.56	0.50	0.45	0.43
6	0.70	0.56	0.47	0.41	0.68	0.55	0.47	0.41	0.54	0.46	0.40	0.52	0.45	0.40	0.50	0.44	0.40	0.38
7	0.65	0.51	0.42	0.36	0.63	0.50	0.42	0.36	0.49	0.41	0.36	0.47	0.40	0.35	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	0.43	0.37	0.32	0.42	0.36	0.31	0.29
9	0.56	0.43	0.34	0.29	0.55	0.42	0.34	0.29	0.41	0.34	0.29	0.40	0.33	0.28	0.39	0.33	0.28	0.26
10	0.53	0.39	0.31	0.26	0.51	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.30	0.26	0.36	0.30	0.26	0.24

Spacing Criteria (0-180): 1.31

Spacing Criteria (90-270): 1.29

Spacing Criteria (Diagonal): 1.41



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

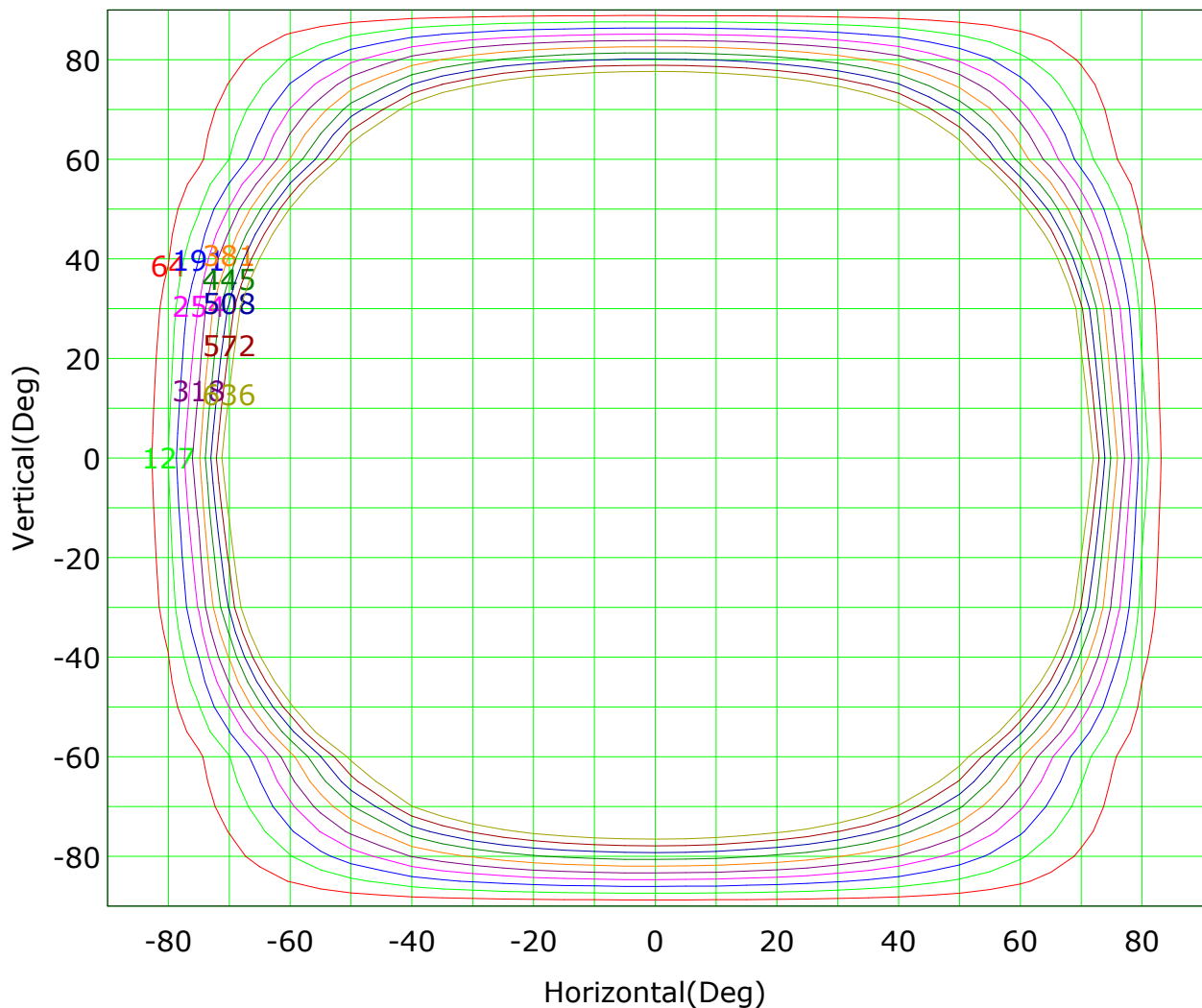
Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 3178 cd

(2%): 64 cd	(4%): 127 cd
(6%): 191 cd	(8%): 254 cd
(10%): 318 cd	(12%): 381 cd
(14%): 445 cd	(16%): 508 cd
(18%): 572 cd	(20%): 636 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

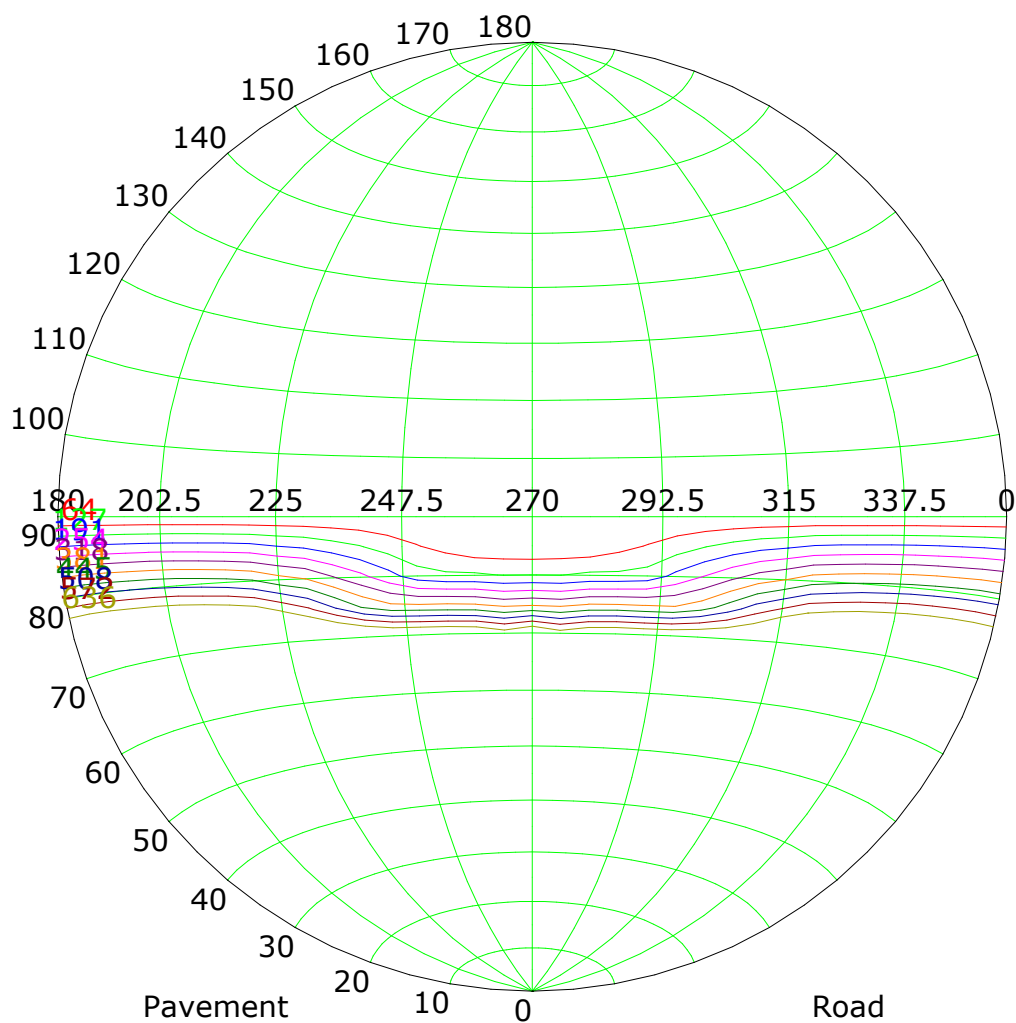
Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 3178 cd

(2%): 64 cd	(4%): 127 cd
(6%): 191 cd	(8%): 254 cd
(10%): 318 cd	(12%): 381 cd
(14%): 445 cd	(16%): 508 cd
(18%): 572 cd	(20%): 636 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

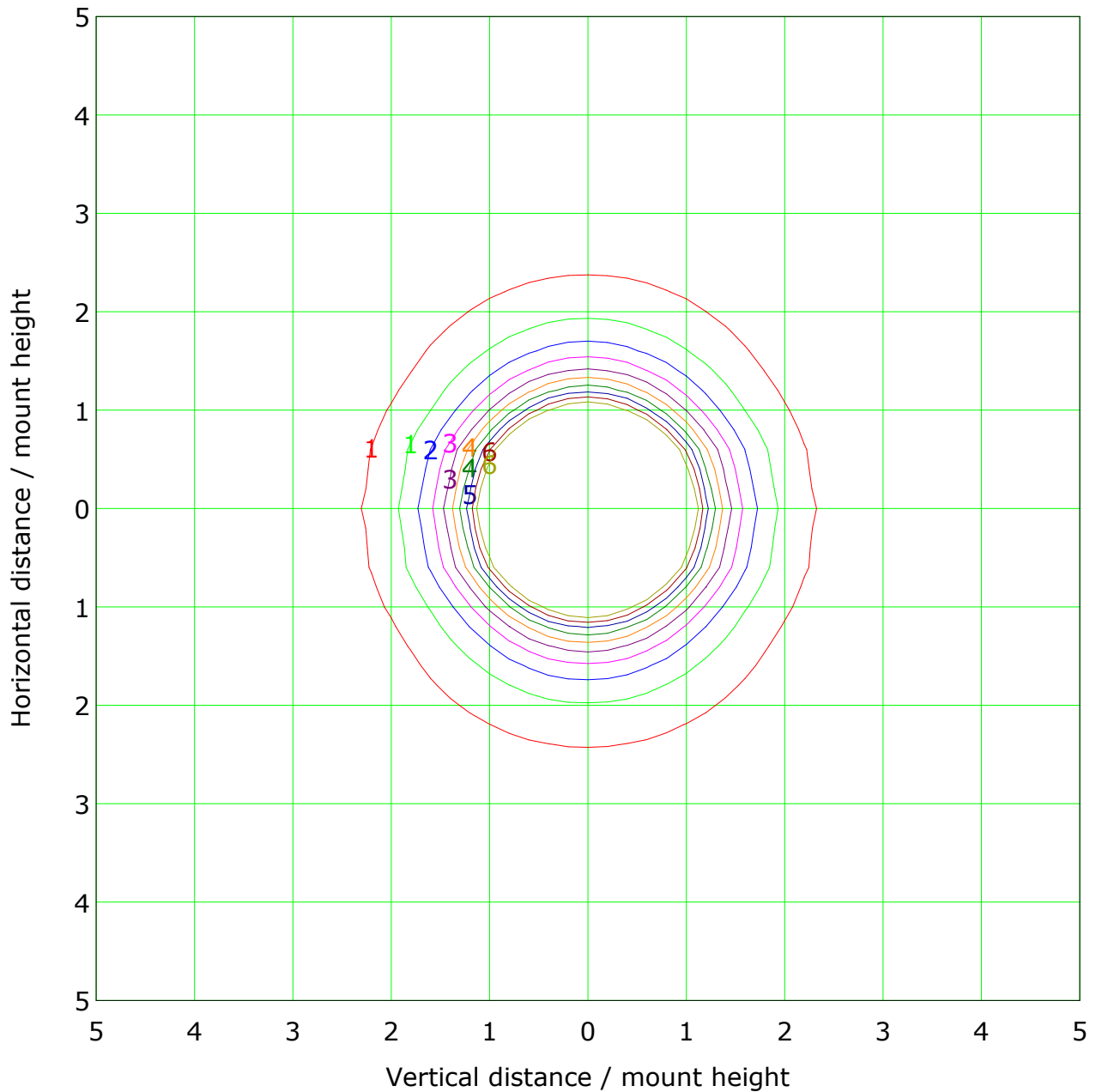
Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 31.7 lx	
(2%): 0.6 lx	(4%): 1.3 lx
(6%): 1.9 lx	(8%): 2.5 lx
(10%): 3.2 lx	(12%): 3.8 lx
(14%): 4.4 lx	(16%): 5.1 lx
(18%): 5.7 lx	(20%): 6.3 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

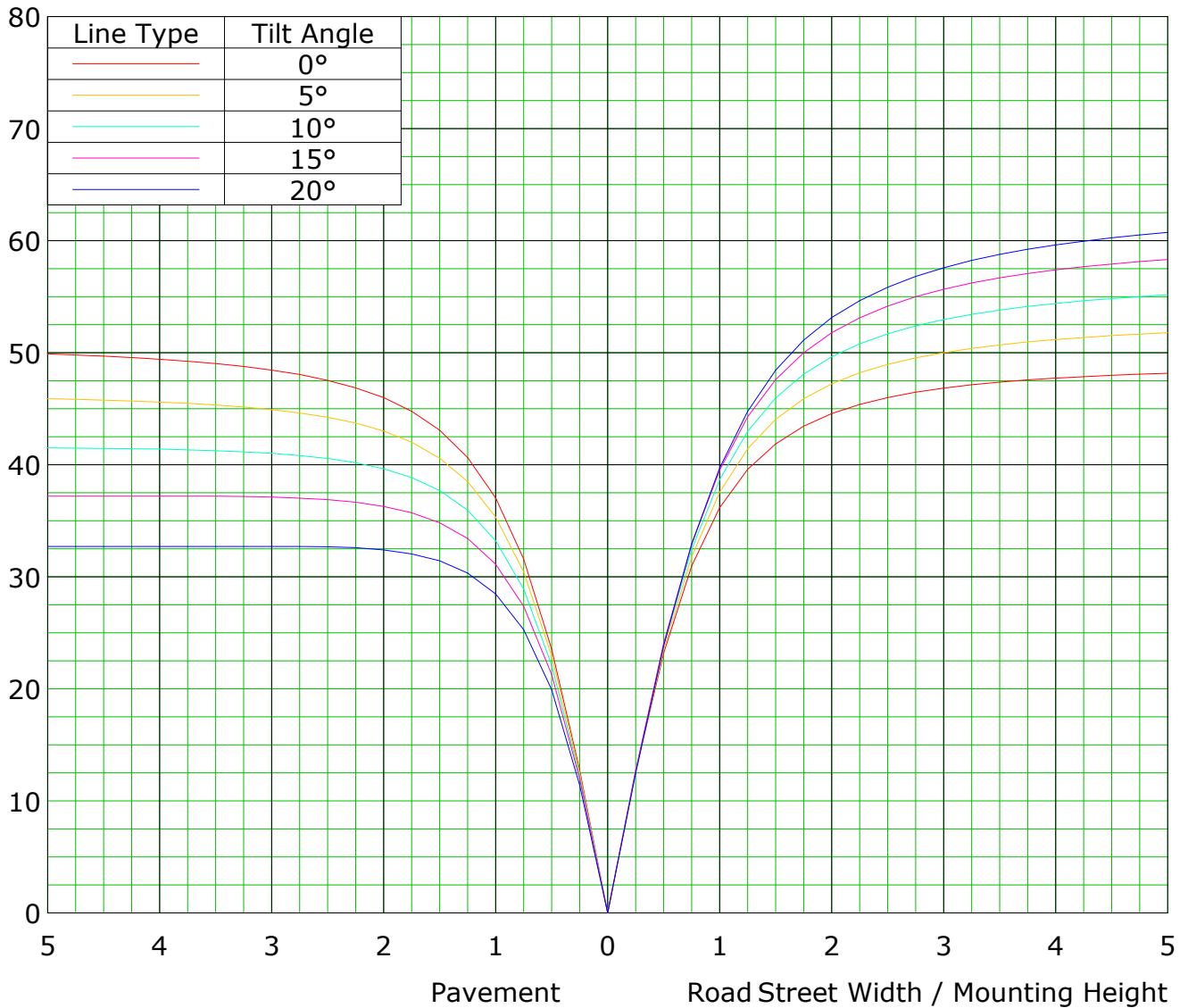
Distance: 7.132 m

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: 7.132 m

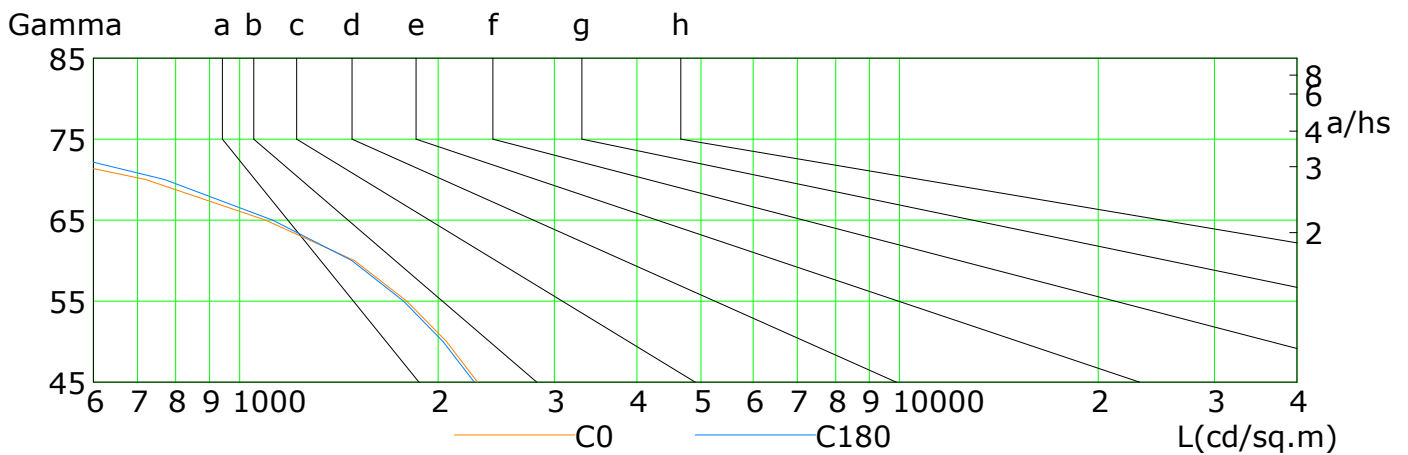
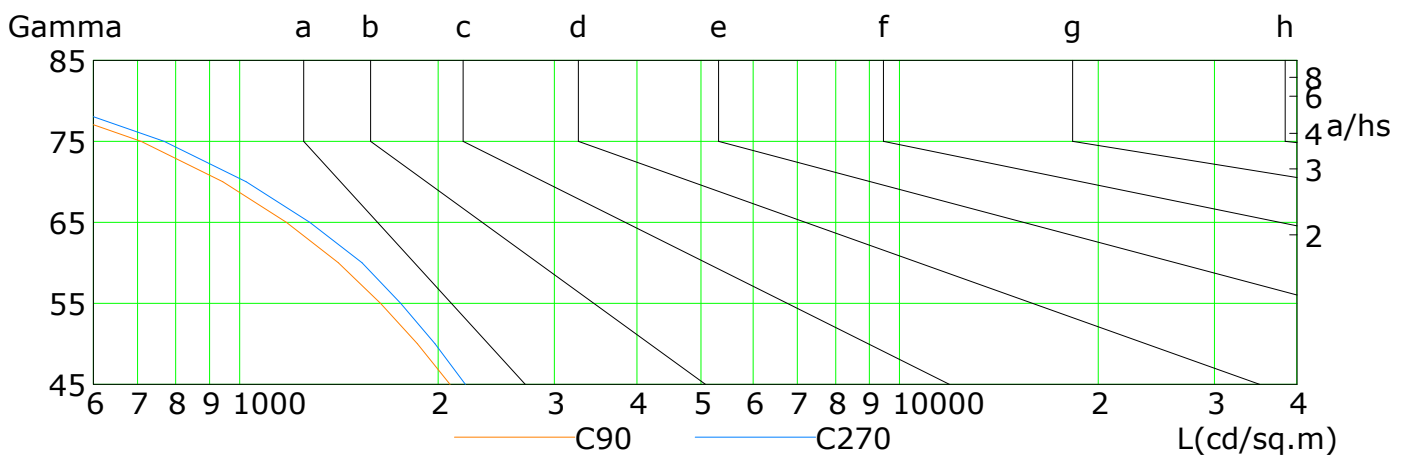
Humidity:

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	2294	2059	1792	1491	1095	720	368	127	10
C90	2084	1859	1635	1411	1177	943	709	475	240
C180	2267	2032	1773	1479	1122	770	435	161	7
C270	2198	1976	1754	1532	1278	1023	768	513	259

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

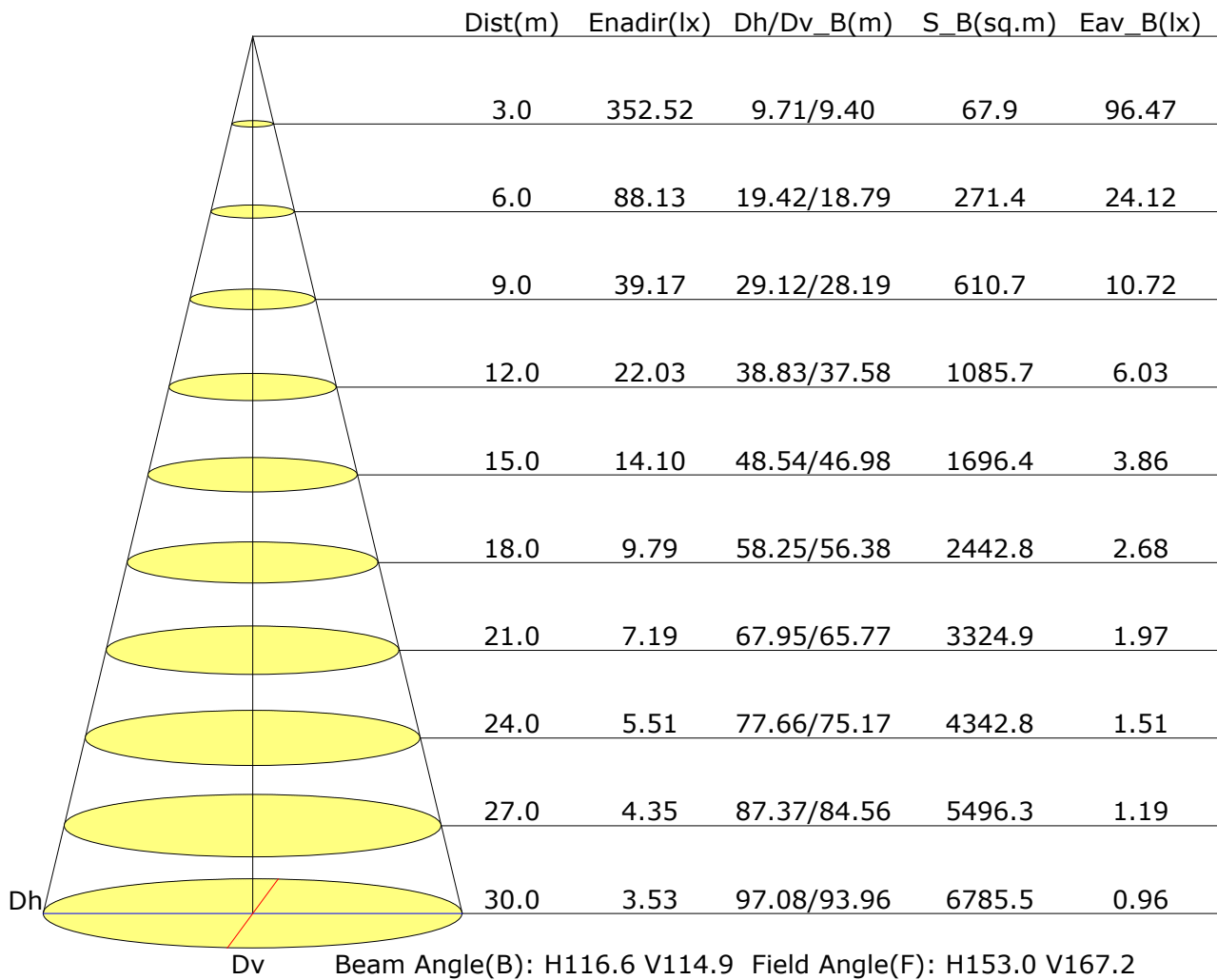
Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

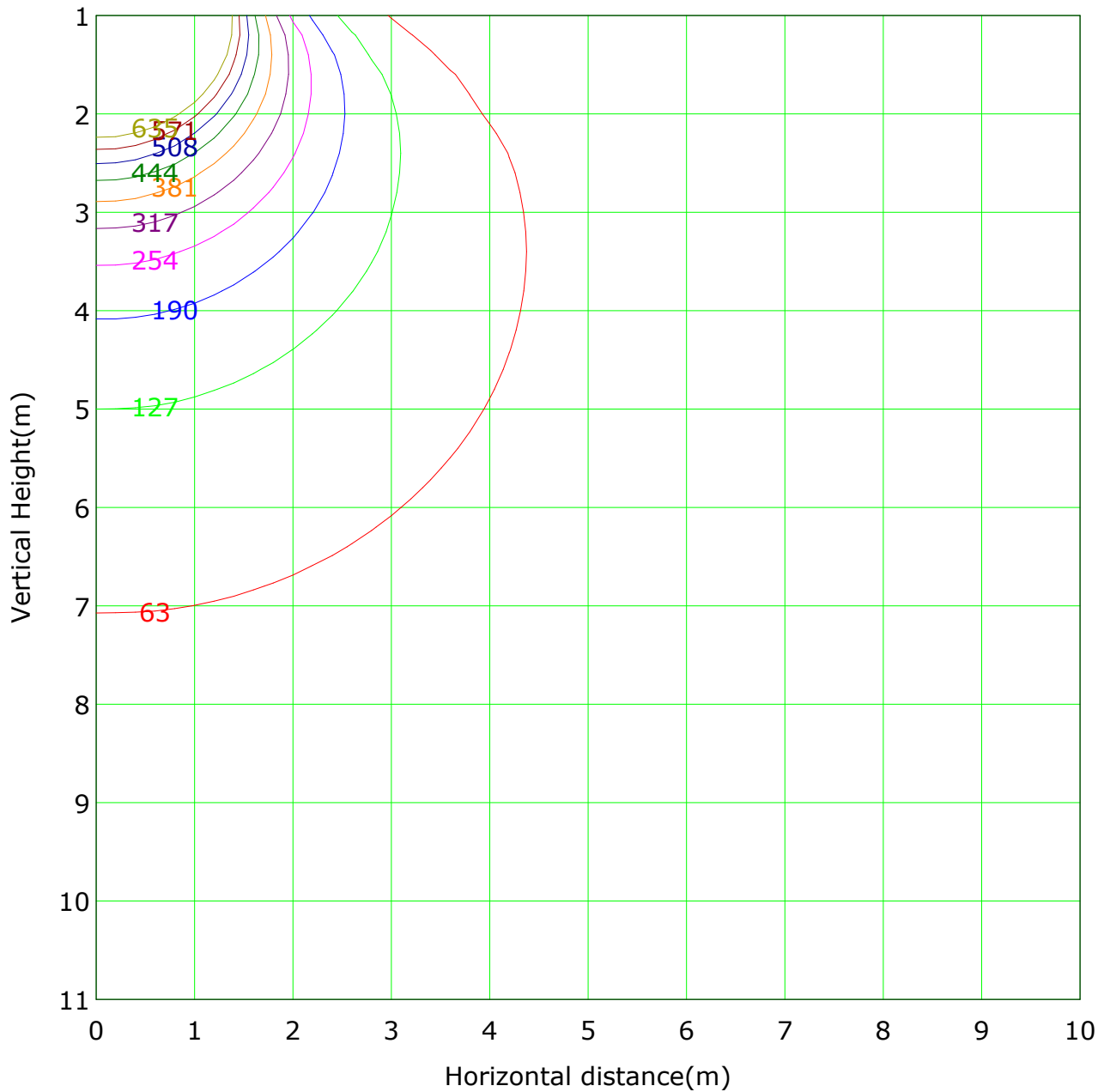
Illuminance at a Distance



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: 7.132 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 3172.7 lx
(2%): 63.5 lx	(4%): 126.9 lx	
(6%): 190.4 lx	(8%): 253.8 lx	
(10%): 317.3 lx	(12%): 380.7 lx	
(14%): 444.2 lx	(16%): 507.6 lx	
(18%): 571.1 lx	(20%): 634.5 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: 7.132 m

Humidity:

Inspector:

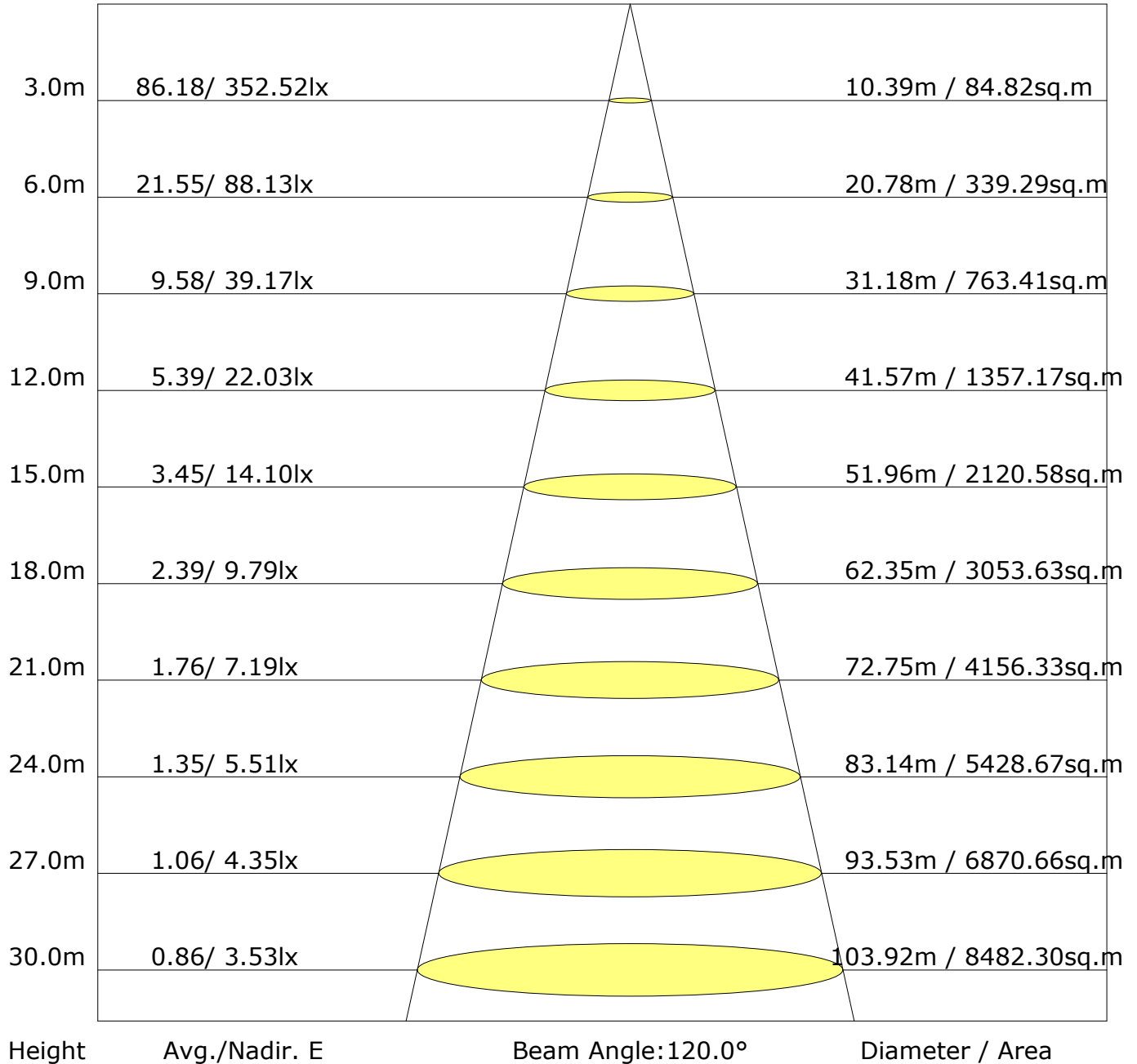
Area Flux Table

Unit: lm

Vertical plane																
-90	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
-80	0.0	0.4	1.9	5.1	9.5	14.2	18.4	21.4	23.1	23.2	21.6	18.5	14.3	9.3	4.7	1.6
-70	0.0	0.6	3.1	8.4	15.8	23.6	30.5	35.7	38.5	38.6	35.9	30.7	23.7	15.5	7.8	2.7
-60	0.0	1.0	5.1	12.8	22.8	33.3	42.4	49.1	52.8	52.9	49.4	42.7	33.5	22.6	12.1	4.5
-50	0.1	1.7	7.7	18.1	30.5	43.1	53.9	61.9	66.2	66.4	62.3	54.4	43.5	30.6	17.7	7.2
-40	0.1	2.4	10.4	23.4	38.2	52.9	65.4	74.6	79.6	79.8	75.1	66.1	53.5	38.6	23.3	9.9
-30	0.1	2.9	12.2	26.9	43.2	59.2	72.7	82.6	87.9	88.1	83.2	73.5	59.9	43.7	27.0	11.7
-20	0.1	3.3	13.2	28.5	45.4	61.8	75.7	85.8	91.1	91.3	86.4	76.6	62.7	46.0	28.7	12.8
-10	0.2	3.6	14.2	30.2	47.6	64.5	78.7	89.0	94.3	94.6	89.7	79.7	65.4	48.3	30.5	13.8
0	0.2	3.6	14.2	30.0	47.4	64.1	78.3	88.5	93.8	94.0	89.2	79.2	65.1	48.1	30.3	13.8
10	0.1	3.2	13.1	28.1	44.7	60.8	74.4	84.3	89.5	89.7	84.9	75.3	61.7	45.3	28.4	12.7
20	0.1	2.9	11.9	26.1	42.0	57.4	70.6	80.1	85.2	85.4	80.7	71.4	58.2	42.6	26.4	11.5
30	0.1	2.4	10.0	22.5	36.8	50.8	62.8	71.6	76.3	76.5	72.1	63.5	51.5	37.2	22.6	9.6
40	0.1	1.7	7.4	17.3	29.0	40.9	51.2	58.7	62.8	62.9	59.1	51.7	41.4	29.2	17.1	7.0
50	0.0	1.0	4.8	12.0	21.3	31.1	39.5	45.8	49.2	49.3	46.1	39.9	31.4	21.2	11.5	4.4
60	0.0	0.6	2.9	7.8	14.5	21.8	28.1	32.8	35.4	35.5	33.0	28.4	22.0	14.4	7.3	2.6
70	0.0	0.4	1.8	4.7	8.8	13.2	16.9	19.8	21.3	21.4	19.9	17.1	13.3	8.7	4.4	1.6
80	0.0	0.1	0.6	1.6	3.0	4.5	5.8	6.7	7.2	7.3	6.8	5.8	4.5	3.0	1.6	0.6
90	1.3	31.8	135.3	305.4	503.9	702.0	871.5	995.8	1062.0	1064.5	1002.6	880.8	710.5	550.7	330.3	112.8
Flux(T)	0.0	19.9	123.3	295.6	496.0	695.0	864.9	998.9	1055.4	1058.0	996.2	874.3	703.5	499.3	292.5	116.4
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(T)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8	7.3	6.2	4.8	3.2	1.6	0.6
Flux(E)	0.0	0.1	0.7	1.7	3.2	4.8	6.2	7.2	7.8	7.8						

The Average Illuminance Effective Figure

Flux Out: 7310.12lm



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: 7.132 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

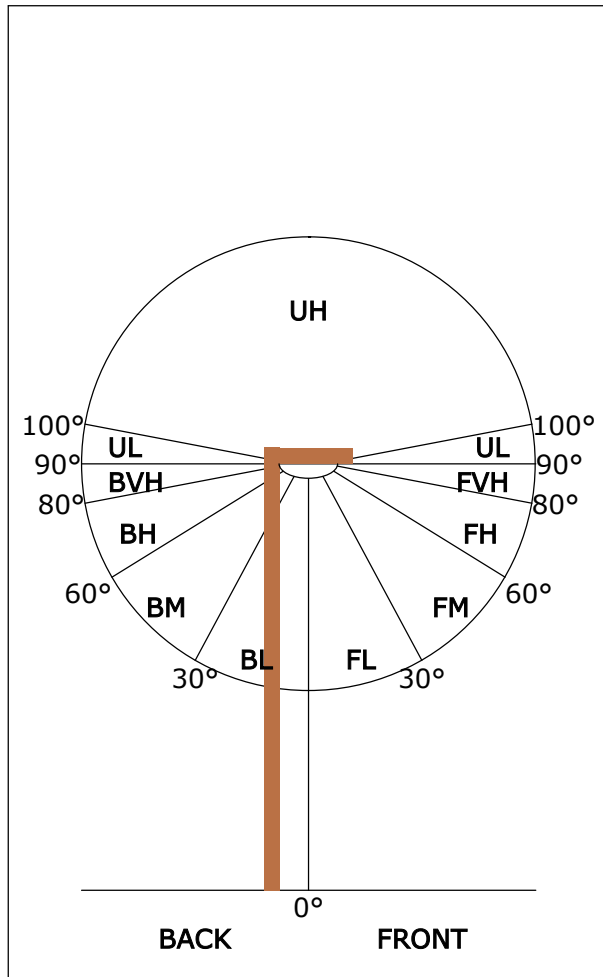
Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

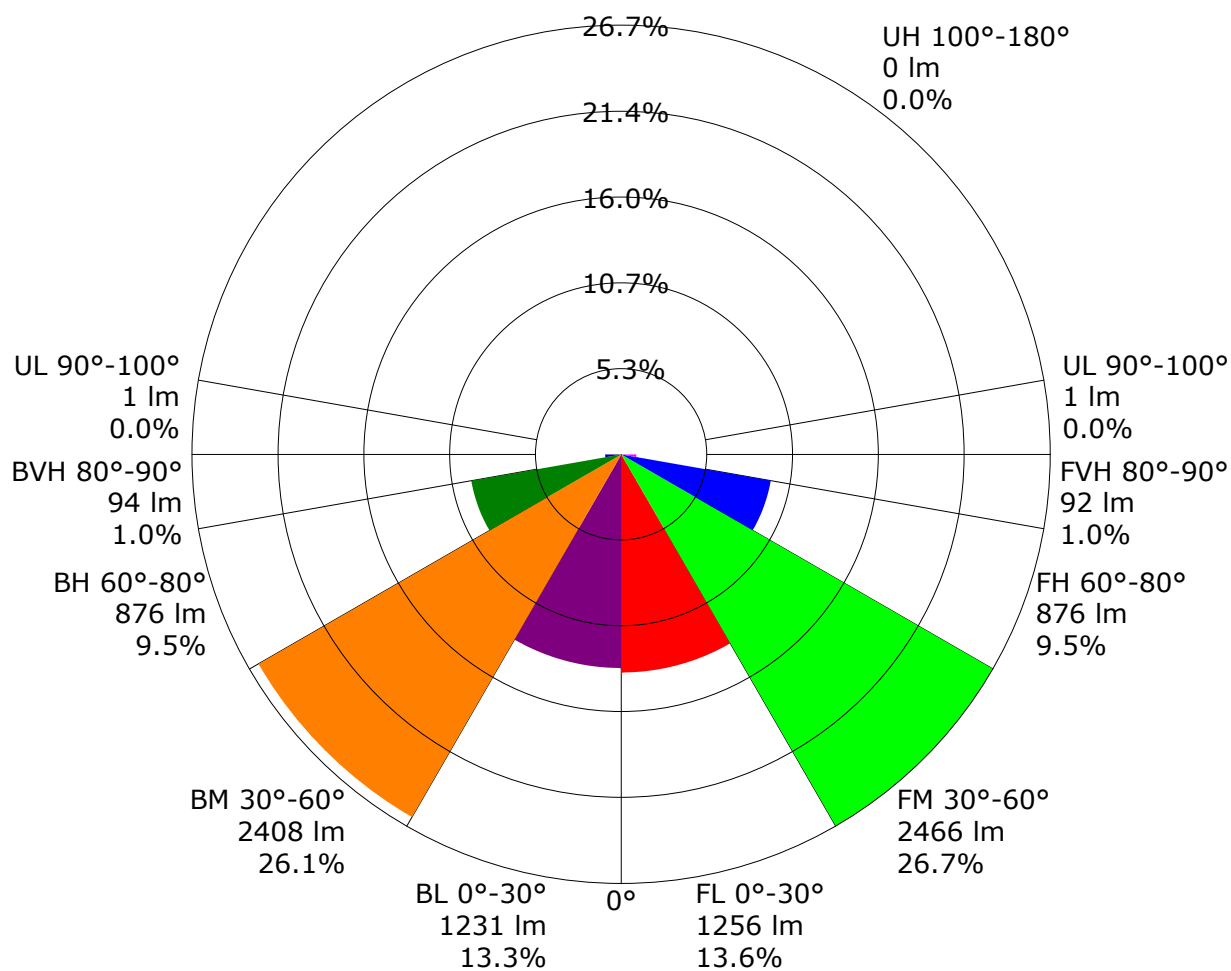
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	4690	50.8
FL (0°-30°)	1256	13.6
FM (30°-60°)	2466	26.7
FH (60°-80°)	876	9.5
FVH (80°-90°)	92	1.0
BACK LIGHT	4610	49.9
BL (0°-30°)	1231	13.3
BM (30°-60°)	2408	26.1
BH (60°-80°)	876	9.5
BVH (80°-90°)	94	1.0
UP LIGHT	1	0.0
UL (90°-100°)	1	0.0
UH (100°-180°)	0	0.0
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: 7.132 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: 7.132 m

Humidity:

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	0.61	0.69	0.77	0.82	0.89	0.94	0.97	1.01	1.04	
	0.30		0.53	0.62	0.70	0.76	0.84	0.89	0.92	0.97	1.01	
	0.20		0.48	0.57	0.65	0.71	0.79	0.85	0.89	0.94	0.98	
0.50	0.50	0.20	0.59	0.67	0.74	0.79	0.86	0.90	0.93	0.97	1.00	
	0.30		0.53	0.61	0.69	0.74	0.81	0.86	0.90	0.94	0.97	
	0.20		0.48	0.56	0.64	0.70	0.77	0.83	0.86	0.92	0.95	
0.30	0.50	0.20	0.58	0.65	0.72	0.77	0.83	0.87	0.90	0.94	0.96	
	0.30		0.52	0.60	0.67	0.72	0.79	0.84	0.87	0.91	0.94	
	0.20		0.48	0.55	0.63	0.69	0.76	0.81	0.84	0.89	0.92	
0.00	0.00	0.00	0.45	0.53	0.61	0.66	0.73	0.77	0.80	0.85	0.87	
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: 7.132 m
 Humidity:
 Inspector:

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	0.91	0.77	0.64	0.55	0.43	0.36	0.30	0.23	0.19	
	0.30		0.76	0.66	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.65	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.50	0.50	0.20	0.88	0.74	0.61	0.53	0.41	0.38	0.29	0.22	0.18	
	0.30		0.75	0.64	0.54	0.47	0.38	0.32	0.27	0.21	0.17	
	0.20		0.65	0.56	0.49	0.43	0.35	0.29	0.25	0.20	0.16	
0.30	0.50	0.20	0.86	0.71	0.59	0.51	0.40	0.32	0.27	0.21	0.17	
	0.30		0.73	0.62	0.53	0.46	0.36	0.30	0.26	0.20	0.16	
	0.20		0.64	0.56	0.48	0.42	0.34	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.53	0.46	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: 7.132 m
 Humidity:
 Inspector:

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	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.14	0.16	0.16	0.18	0.18	
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
0.30	0.50	0.20	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.19	
	0.30		0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	
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: 7.132 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: 7.132 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

cone flux(90°): 4951.69 lm

%lum = 53.6%
%lamp = 53.6%

cone flux(120°): 7310.12 lm

%lum = 79.2%
%lamp = 79.2%

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: 7.132 m
Humidity:
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: 7.132 m
Temperature:	Humidity:
Operator: ZBB	Inspector:

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

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: 7.132 m
Temperature:	Humidity:
Operator: ZBB	Inspector:

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

Inspector:

Unit: cd

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.132 m

Humidity:

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: 7.132 m
Temperature:	Humidity:
Operator: ZBB	Inspector:

Beta Plane (°):-90.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.132 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

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: 7.132 m

Humidity:

Inspector: