

Report No.:

Test Time: 2021-1-8 10:57

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS014W12V27KD(6C1B)

Lamp Catalog: L130-2780003000W21

Lamp Description: MSPI-DDC10W20B12S-85(4.17W)

Voltage: 12.1 V

Current: 0.371 A

Power: 4.11 W

Power Factor: 0.924

Volt Amps: 5.92 VA

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 385.0 lm

Measurement Flux: 385 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%,75%,100%): H144.9,H86.3,H60.8,H1

Vertical Diffuse Angle(10%,50%,75%,100%): V153.5,V110.5,V73.7,V0

Luminaire Efficacy Rating (LER): 93.72

Central Intensity: 164.76 cd

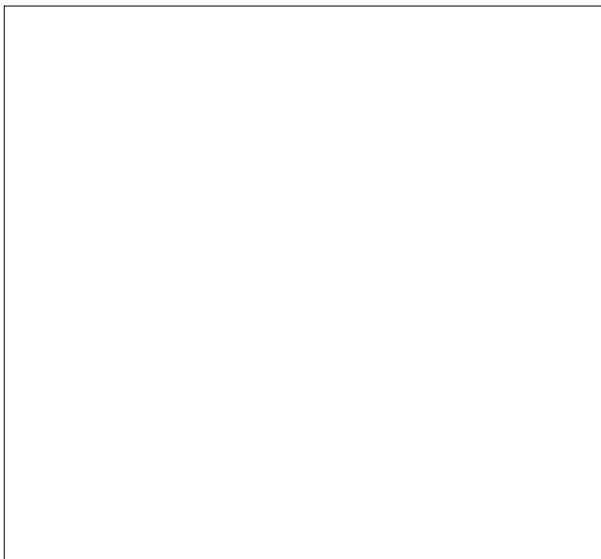
Max. Intensity: 165.42 cd

Pos of Max. Intensity: H180 V1

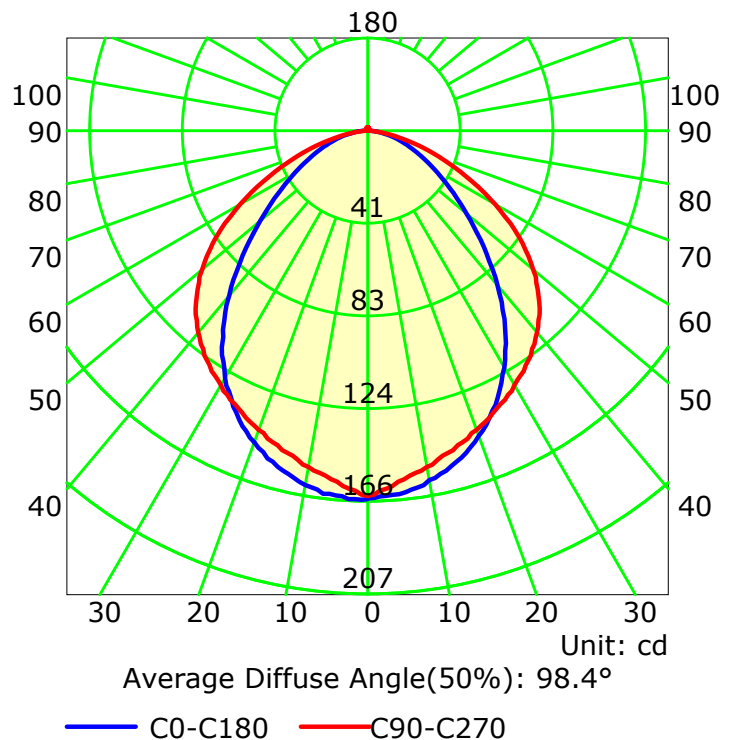
S/MH(C0/C180): 1.14

S/MH(C90/C270): 1.21

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

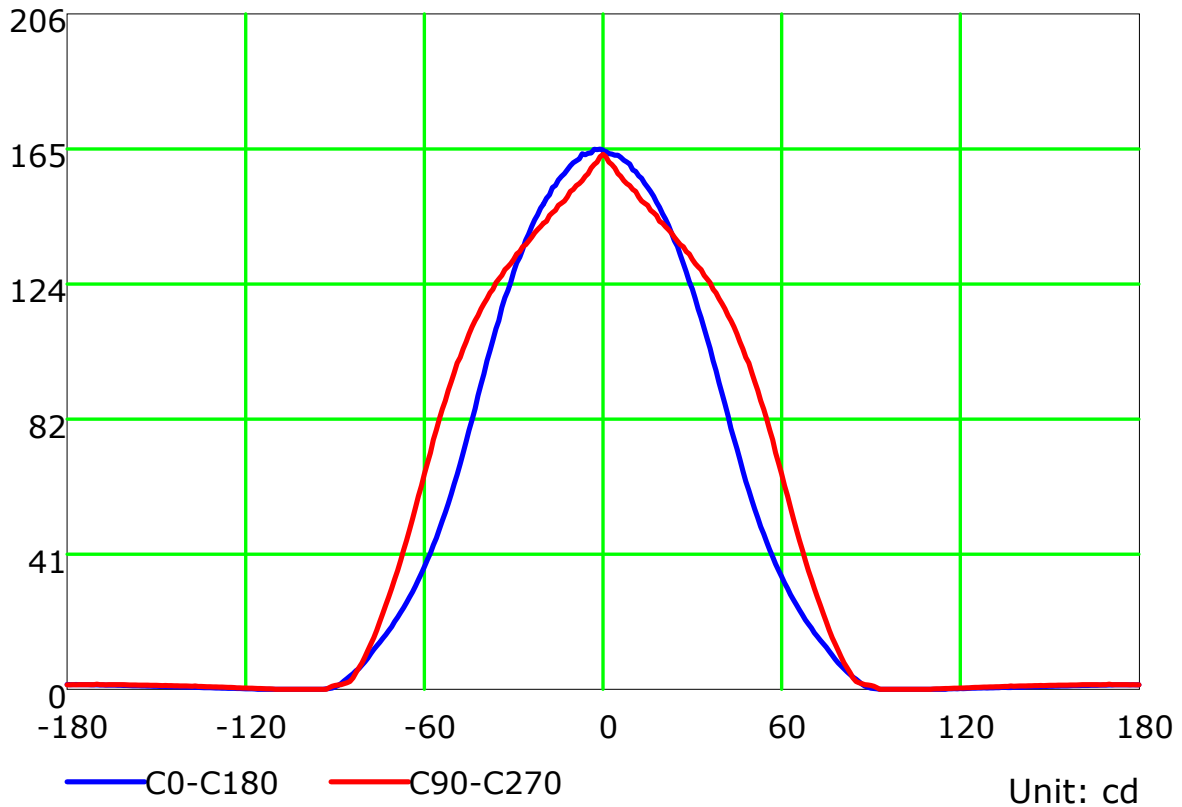
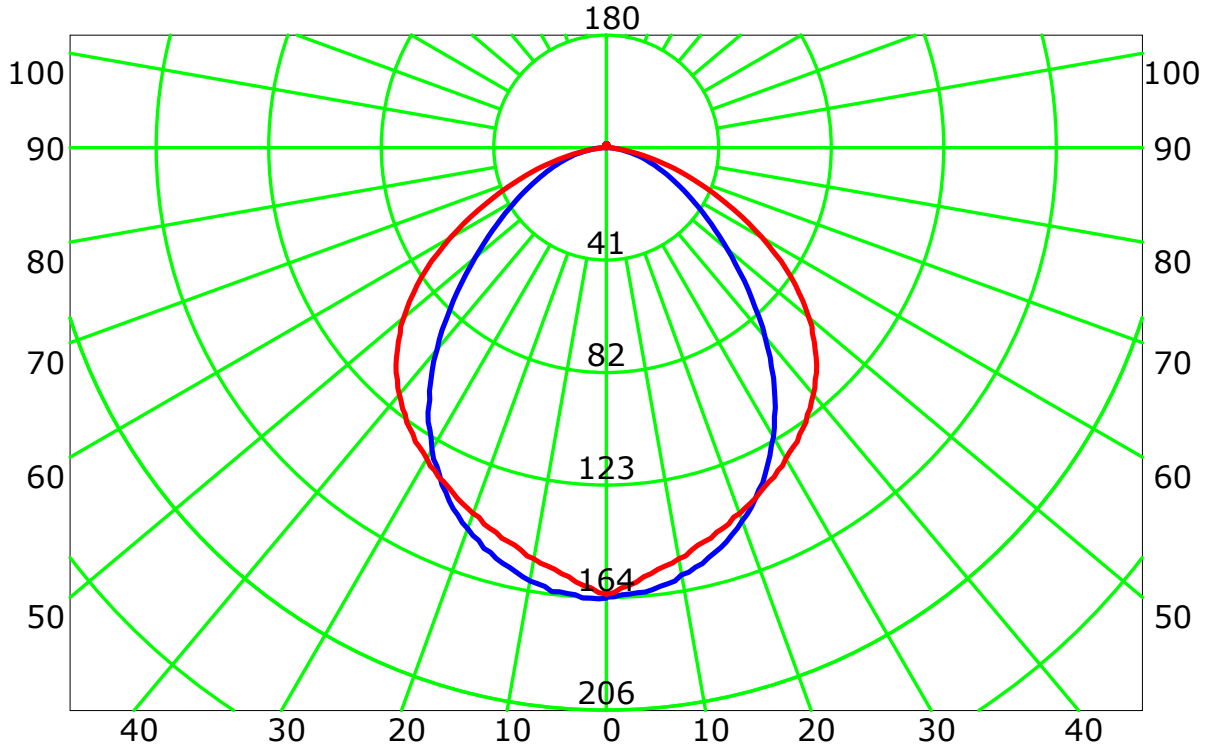
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

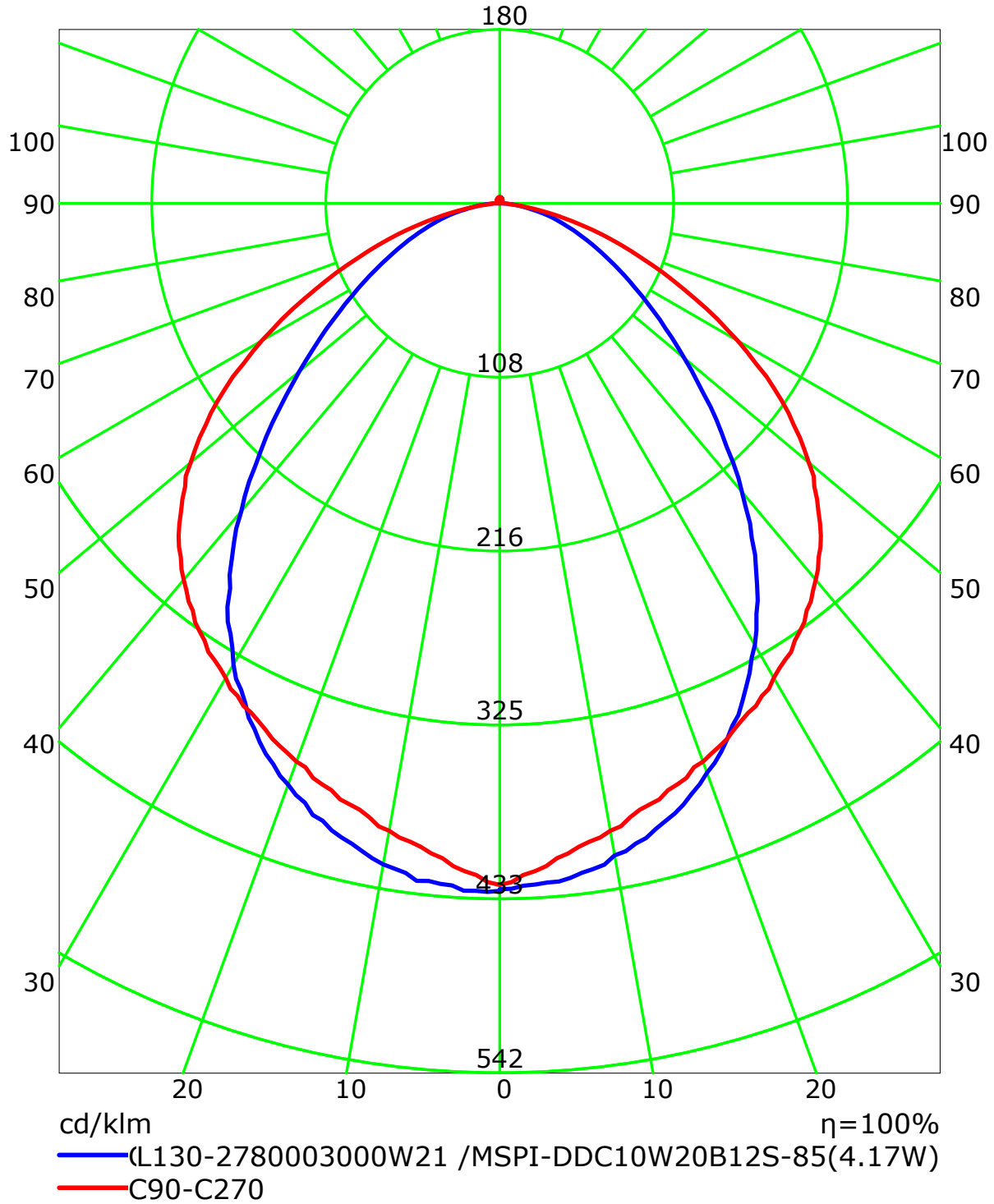
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



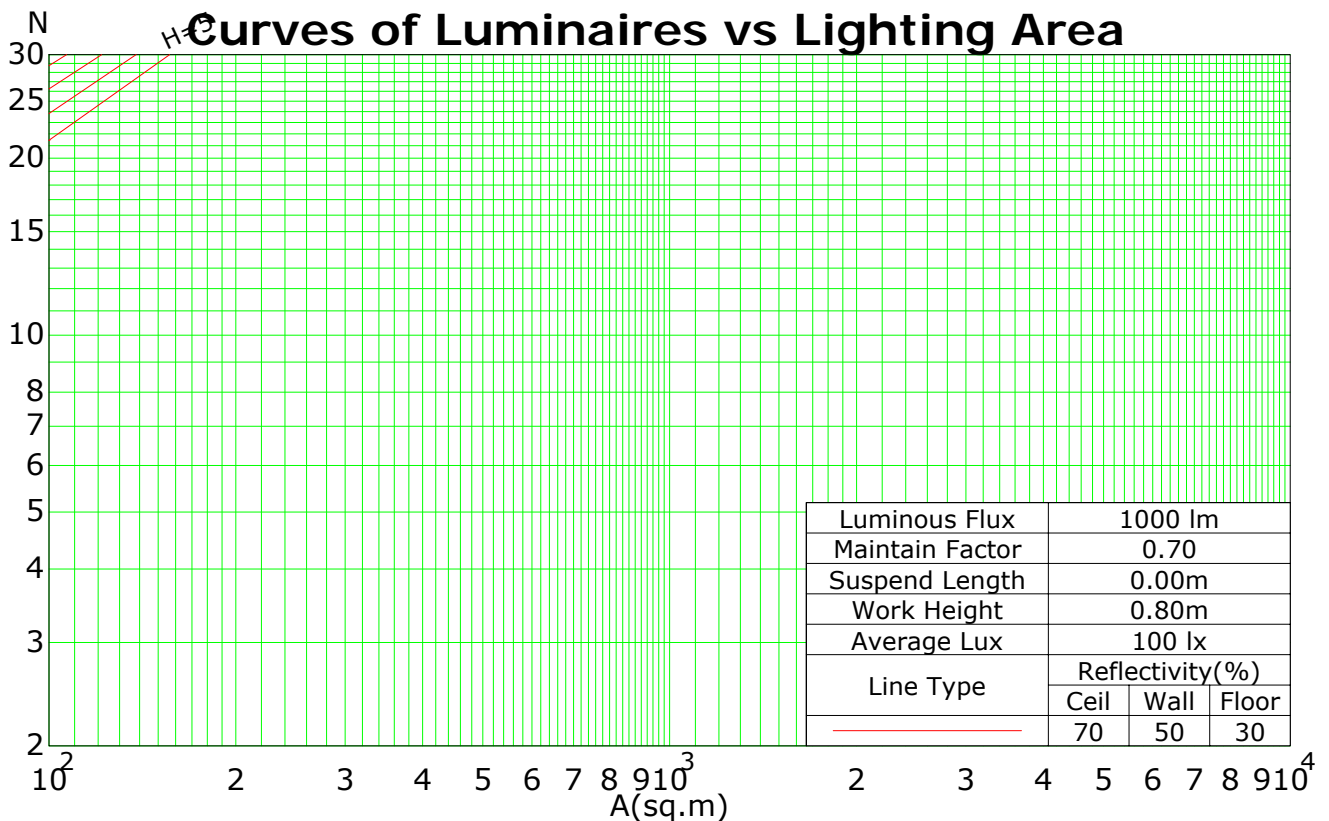
C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	105	101	98	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	81	98	91	85	80	87	82	78	84	79	76	80	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	64	59	55	53
5	78	65	57	51	76	64	56	50	62	55	50	60	54	49	58	53	48	46
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	39	49	43	38	36
8	62	49	41	35	61	49	41	35	47	40	35	46	39	35	45	39	34	33
9	58	45	37	32	57	45	37	32	44	37	32	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

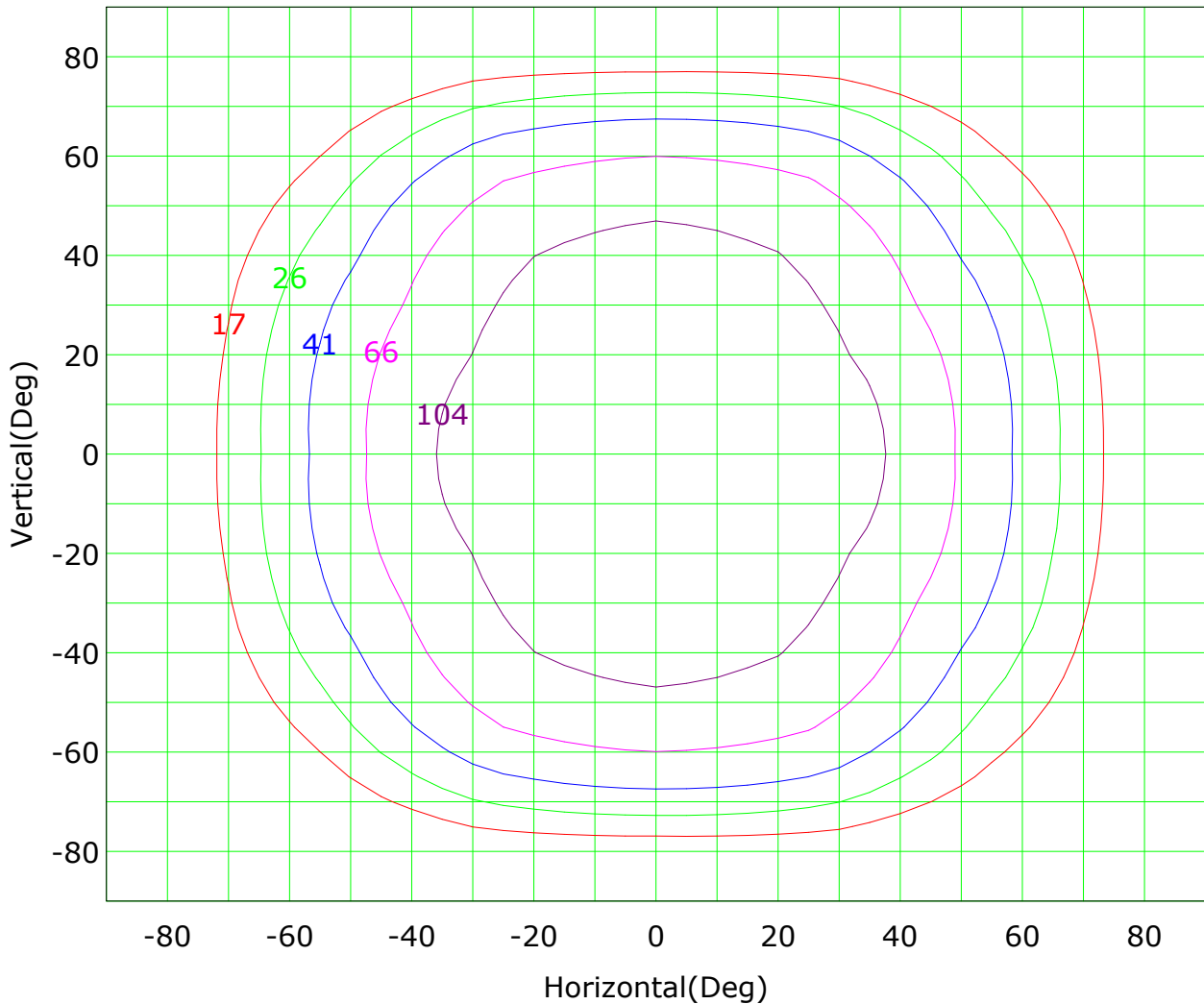
Spacing Criteria (0-180): 1.14
 Spacing Criteria (90-270): 1.21
 Spacing Criteria (Diagonal): 1.26



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



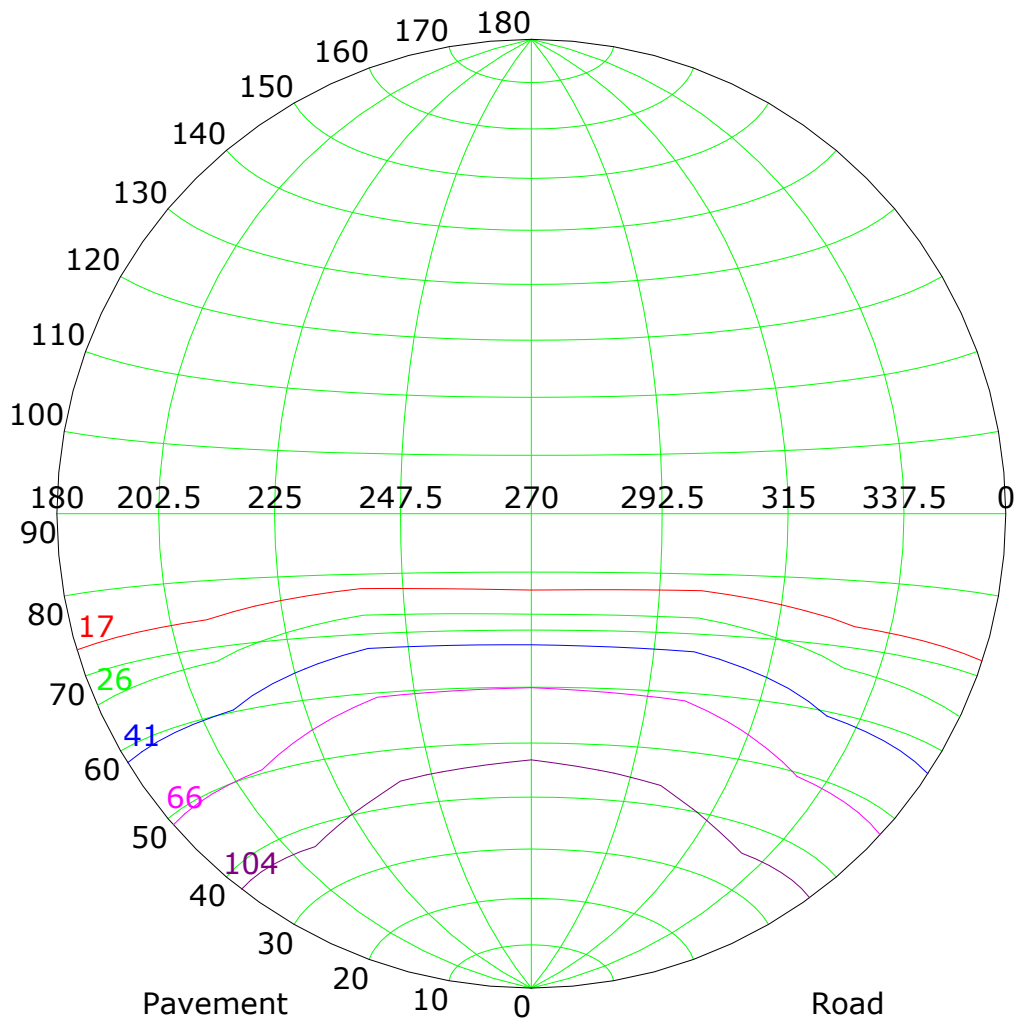
Imax (100%): 165 cd

— (10%):	17 cd	— (16%):	26 cd
— (25%):	41 cd	— (40%):	66 cd
— (63%):	104 cd	— (100%):	165 cd

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (sphere)



Imax (100%): 165 cd

— (10%):	17 cd	— (16%):	26 cd
— (25%):	41 cd	— (40%):	66 cd
— (63%):	104 cd	— (100%):	165 cd

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

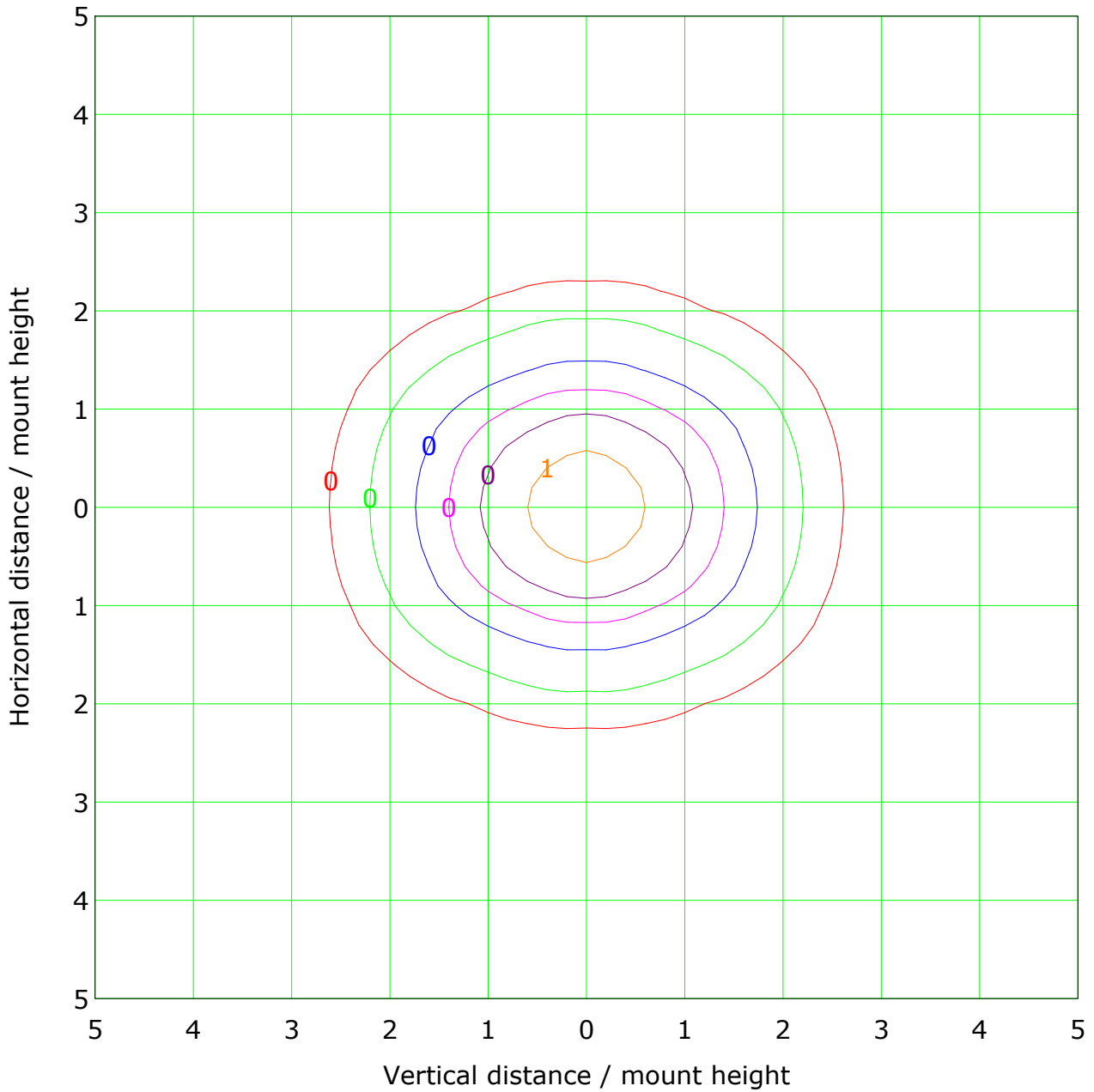
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



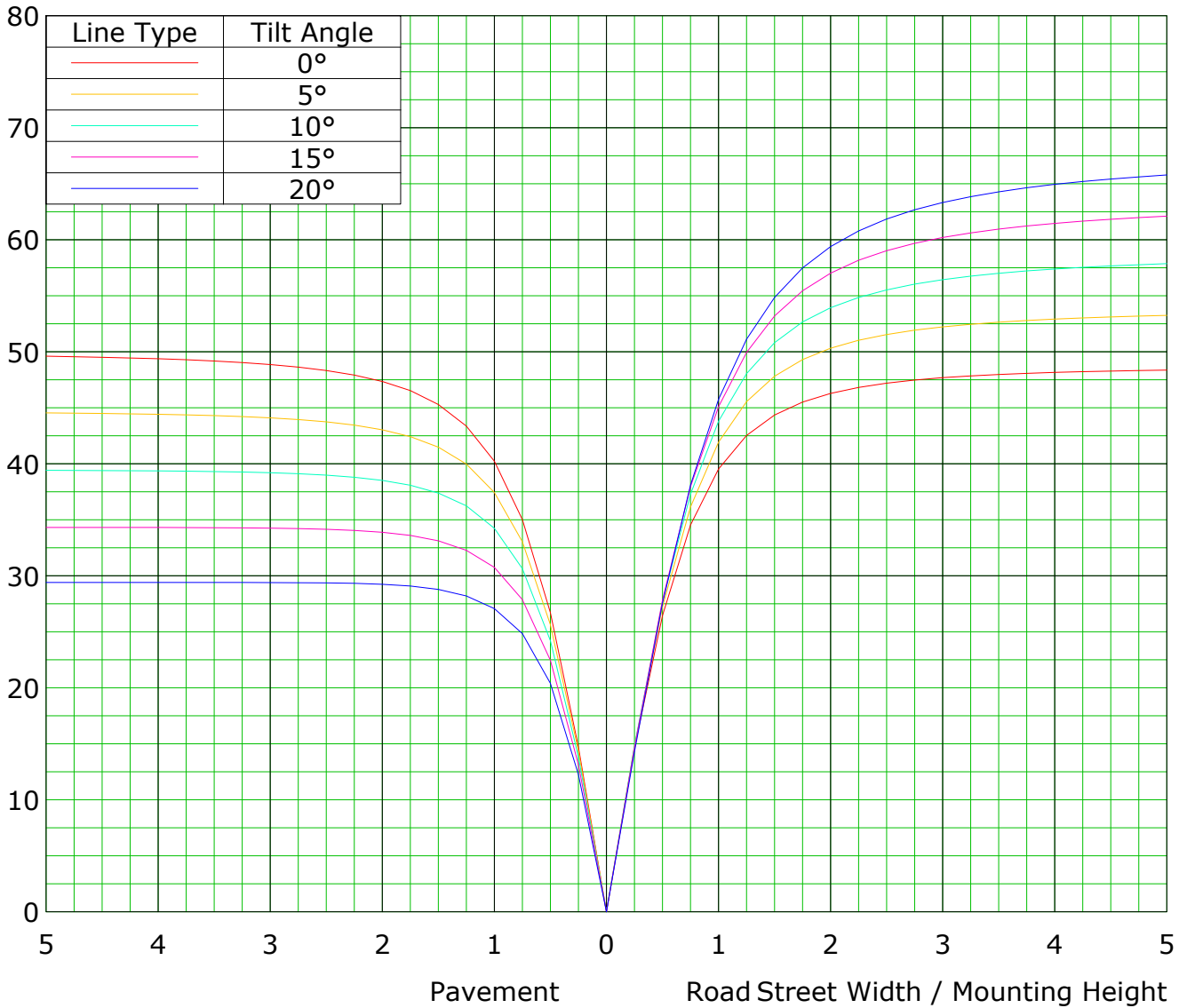
Mounting Height: 10.0m		Max Lux(100%): 1.7 lx	
— (1%):	0.0 lx	— (2%):	0.0 lx
— (5%):	0.1 lx	— (10%):	0.2 lx
— (20%):	0.3 lx	— (50%):	0.8 lx
— (100%):	1.7 lx		

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



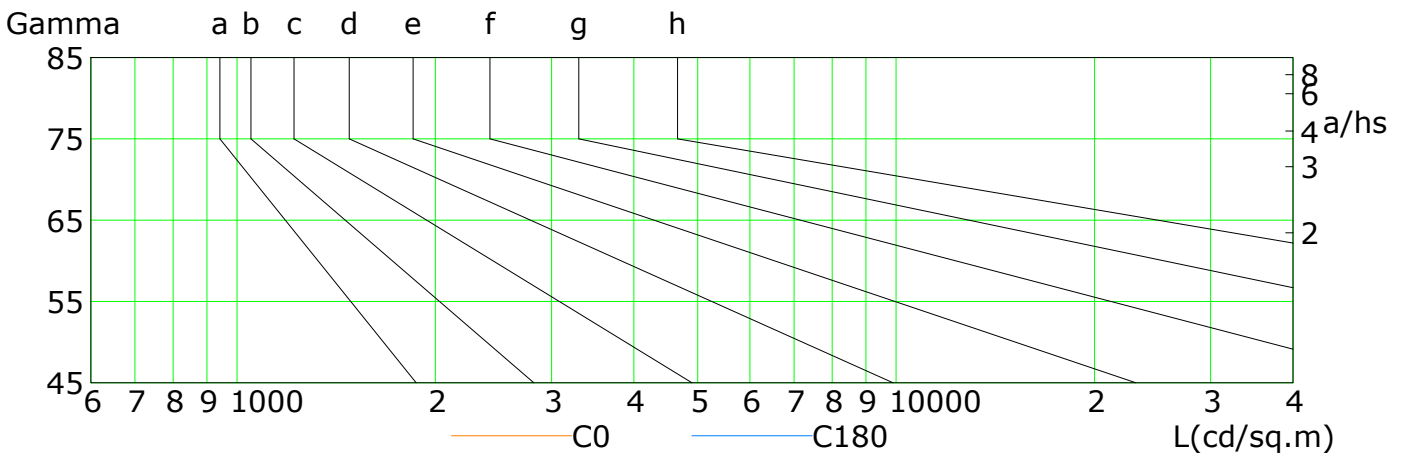
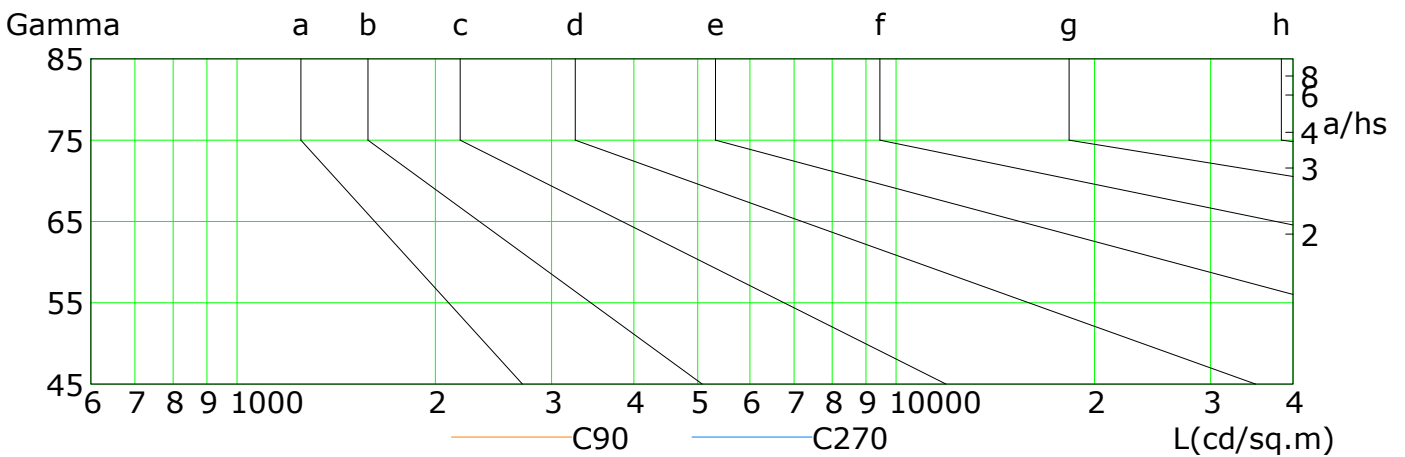
C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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	74	58	45	35	26	19	13	7	3
C90	109	97	83	66	49	34	21	10	2
C180	79	63	49	38	28	21	14	8	4
C270	109	97	83	66	49	34	21	10	2

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

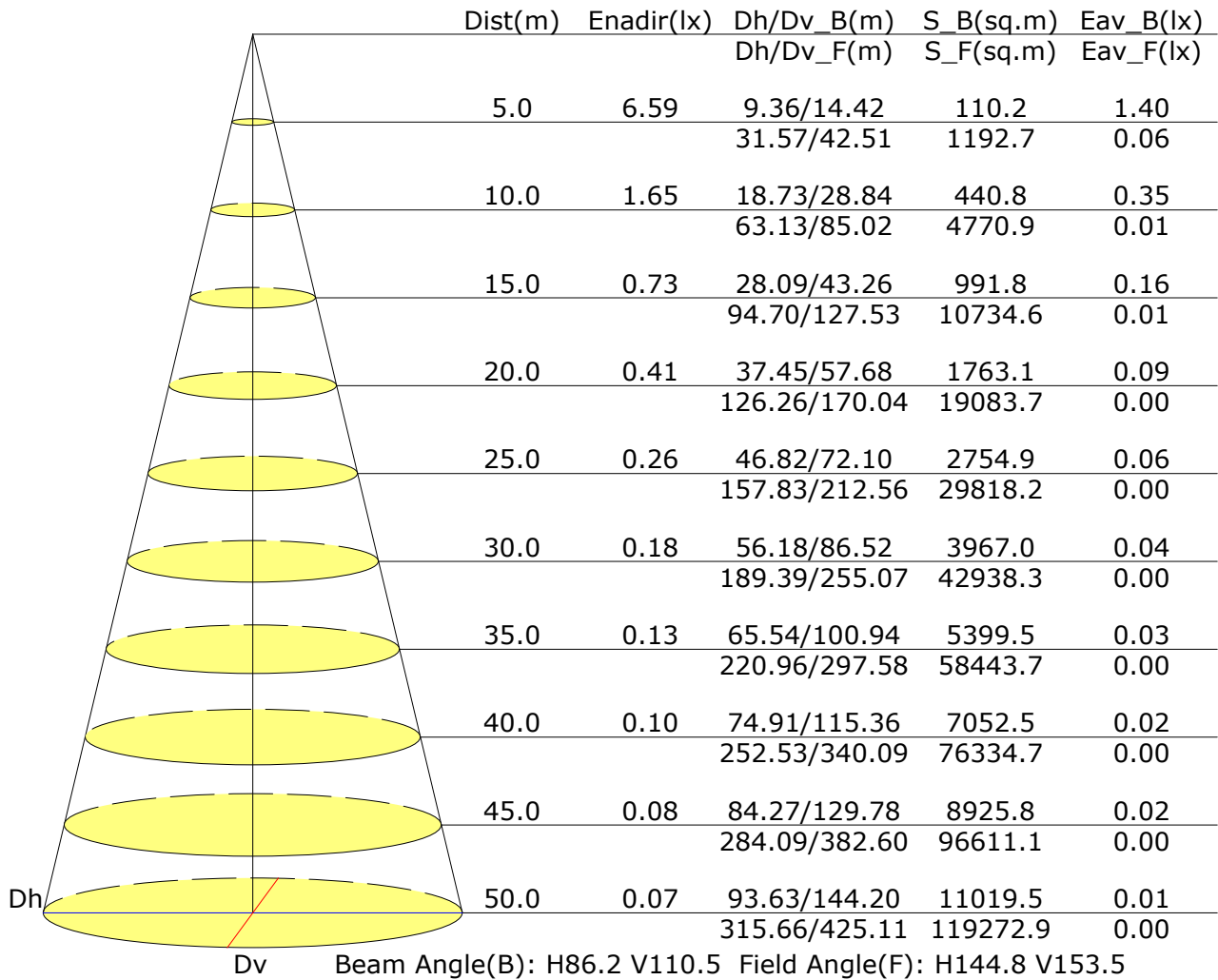
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

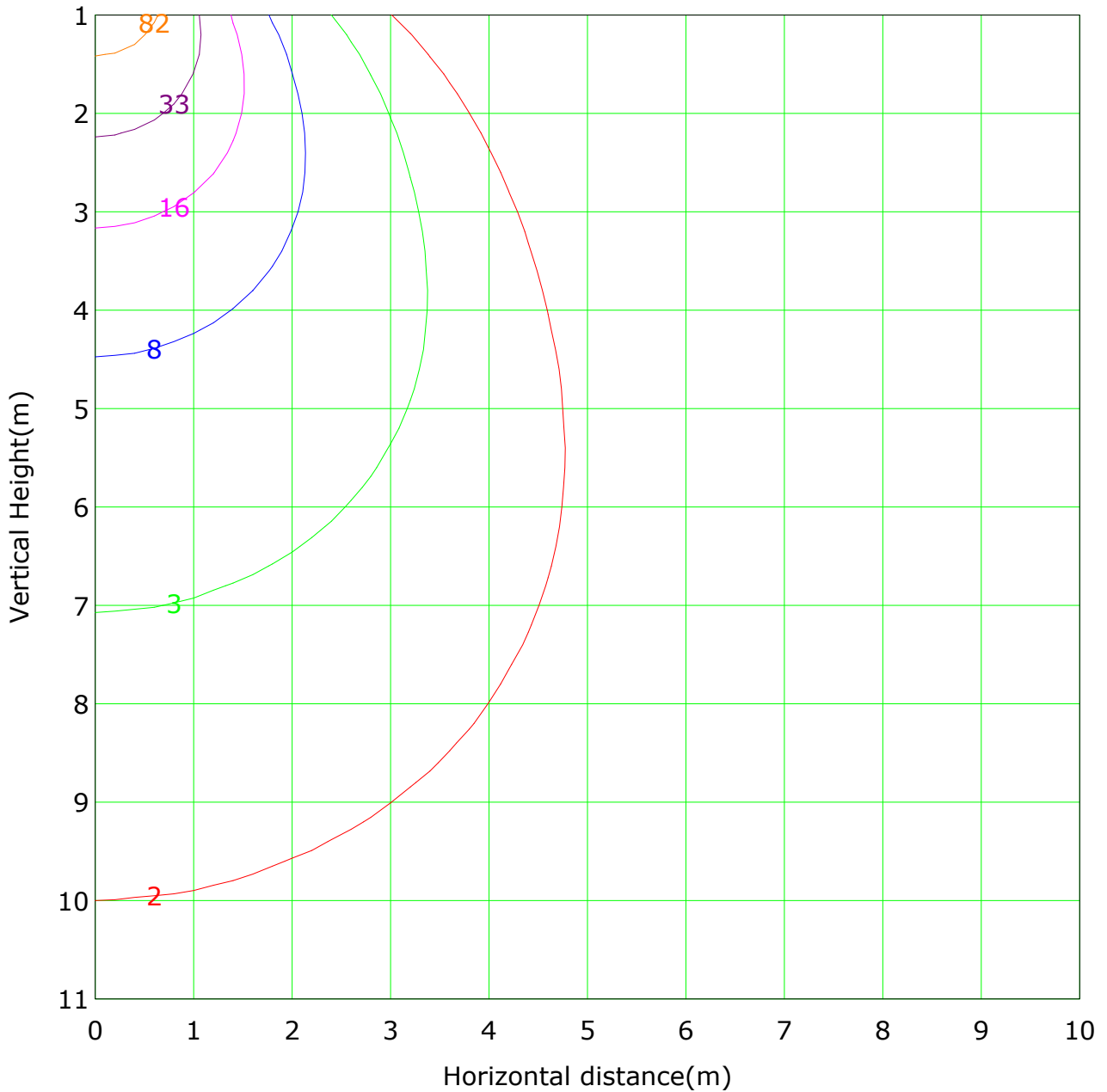
Illuminance at a Distance



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 164.8 lx

— (1%): 1.6 lx	— (2%): 3.3 lx
— (5%): 8.2 lx	— (10%): 16.5 lx
— (20%): 33.0 lx	— (50%): 82.4 lx
— (100%): 164.8 lx	

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Area Flux Table

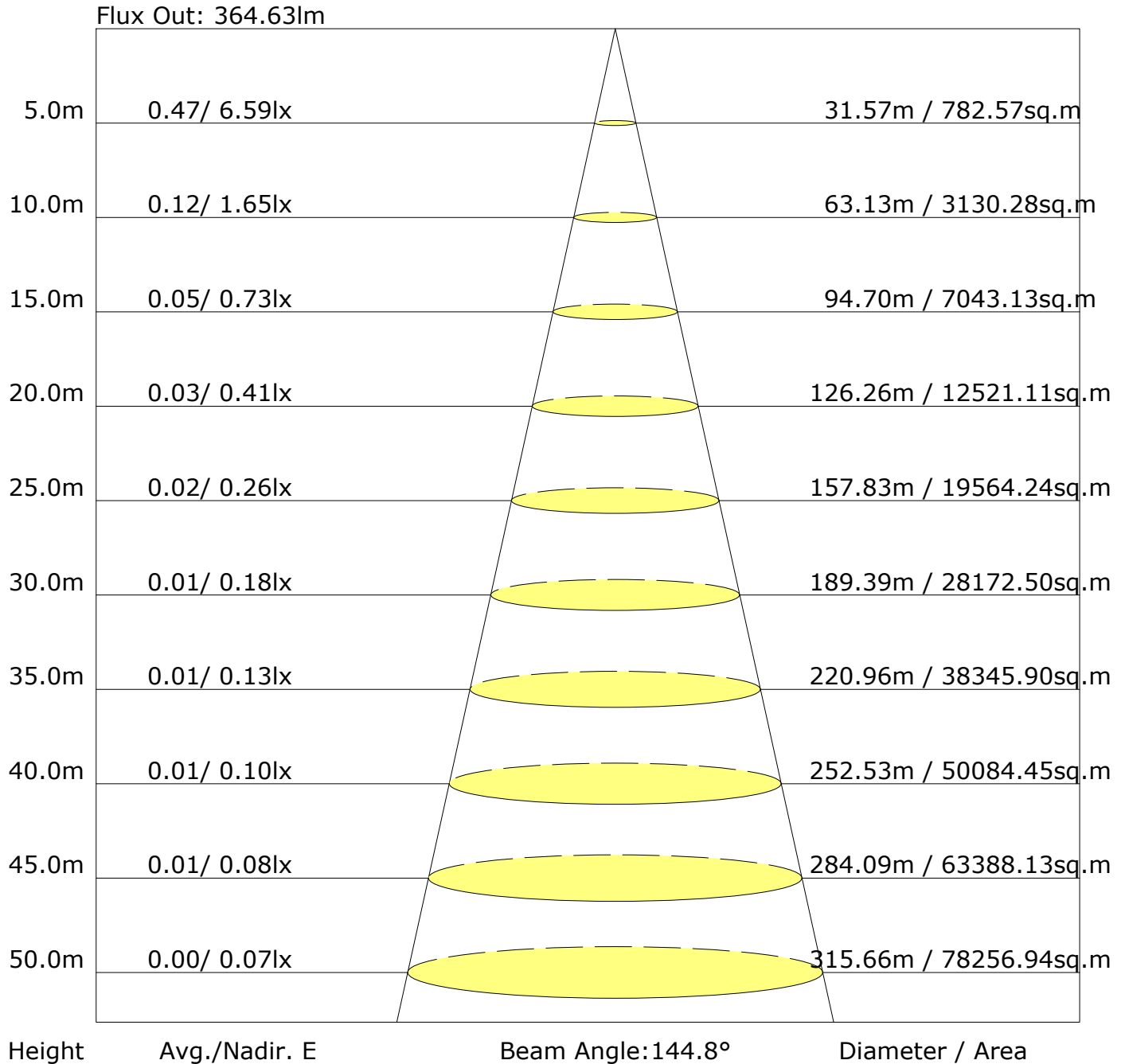
Unit: lm

		Vertical plane																					
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90			
Flux(E)	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	Flux(E)	Flux(T)
		0.0	0.3	3.1	8.2	16.4	27.2	37.9	45.5	49.5	49.3	44.9	36.9	26.0	15.4	7.5	2.7	0.1	0.0	0.0	0.1		
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	382

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

UGR Table

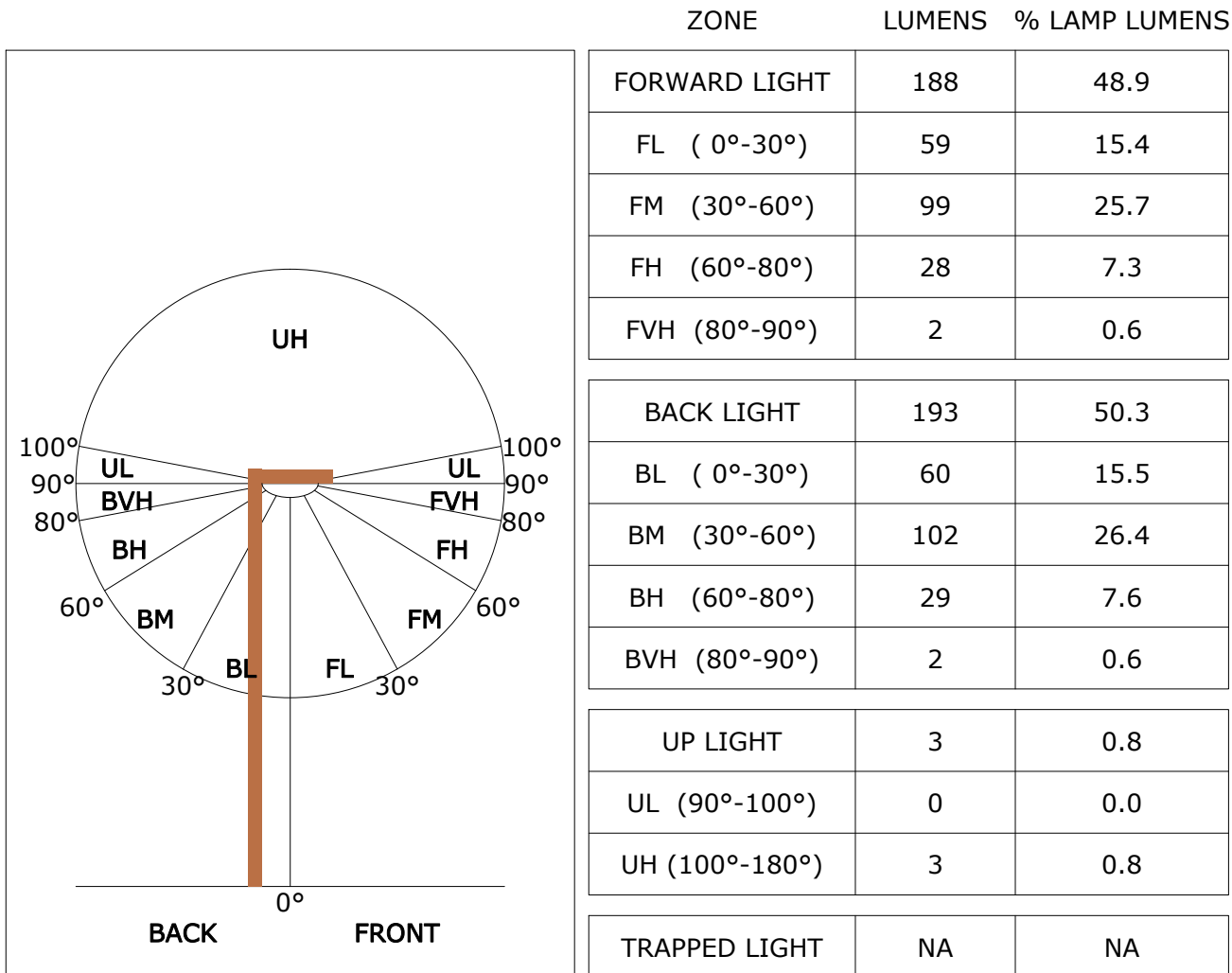
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 385lm ($8\log(F/F_0) = -3.3$).

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

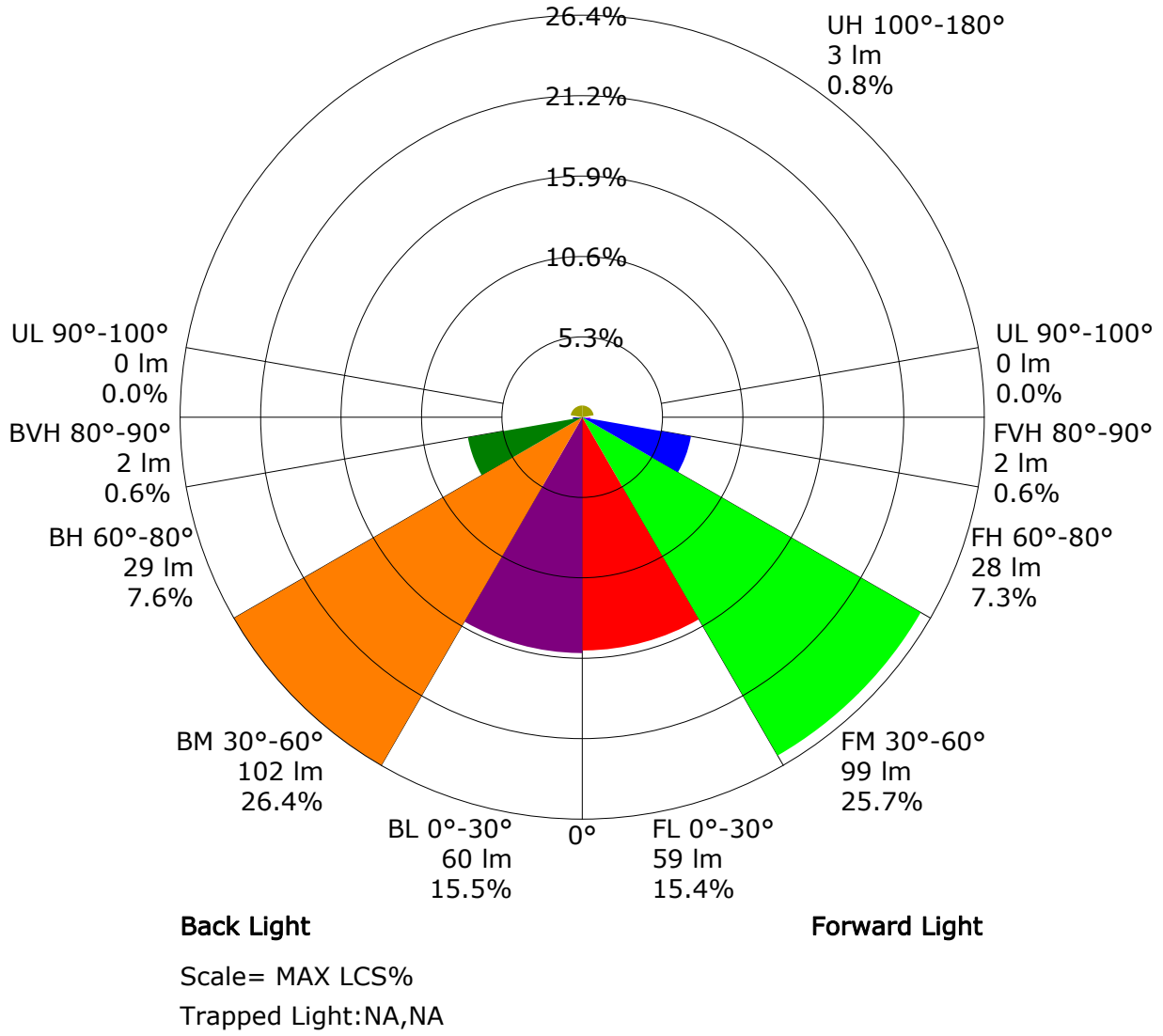


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	0.60	0.70	0.77	0.82	0.88	0.93	0.96	1.00	1.03	
	0.30		0.53	0.63	0.70	0.75	0.83	0.88	0.92	0.97	1.00	
	0.20		0.47	0.57	0.65	0.70	0.78	0.84	0.88	0.93	0.97	
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.85	0.90	0.92	0.96	0.99	
	0.30		0.52	0.62	0.68	0.74	0.81	0.85	0.89	0.93	0.96	
	0.20		0.47	0.57	0.64	0.69	0.77	0.82	0.85	0.91	0.94	
0.30	0.50	0.20	0.57	0.66	0.72	0.76	0.82	0.86	0.89	0.93	0.95	
	0.30		0.51	0.60	0.67	0.72	0.78	0.83	0.86	0.90	0.93	
	0.20		0.47	0.56	0.63	0.68	0.75	0.80	0.83	0.88	0.91	
0.00	0.00	0.00	0.44	0.54	0.60	0.65	0.72	0.76	0.79	0.83	0.86	
<p>Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	0.92	0.75	0.63	0.55	0.43	0.36	0.31	0.24	0.19	
	0.30		0.76	0.64	0.55	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.66	0.56	0.49	0.44	0.36	0.30	0.26	0.21	0.17	
0.50	0.50	0.20	0.88	0.72	0.60	0.52	0.41	0.38	0.29	0.22	0.18	
	0.30		0.75	0.62	0.53	0.47	0.38	0.32	0.27	0.21	0.17	
	0.20		0.65	0.55	0.48	0.42	0.35	0.29	0.26	0.20	0.17	
0.30	0.50	0.20	0.85	0.69	0.58	0.50	0.39	0.32	0.28	0.21	0.17	
	0.30		0.73	0.61	0.52	0.45	0.36	0.30	0.26	0.20	0.17	
	0.20		0.64	0.54	0.47	0.41	0.34	0.28	0.25	0.19	0.16	
0.00	0.00	0.00	0.53	0.44	0.37	0.33	0.26	0.22	0.19	0.14	0.12	
<p>Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	0.16	0.18	0.18	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.50	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.16	0.18	0.18
	0.20		0.05	0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.16
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<p>Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	164.1	0.2	0.2	0.04	0.04
1.0-2.0	163.3	0.5	0.6	0.12	0.16
2.0-3.0	162.4	0.8	1.4	0.20	0.36
3.0-4.0	161.5	1.1	2.5	0.28	0.65
4.0-5.0	160.5	1.4	3.9	0.36	1.00
5.0-6.0	159.6	1.7	5.5	0.44	1.44
6.0-7.0	158.7	2.0	7.5	0.51	1.95
7.0-8.0	157.6	2.3	9.8	0.59	2.54
8.0-9.0	156.5	2.5	12.3	0.66	3.20
9.0-10.0	155.5	2.8	15.1	0.73	3.93
10.0-11.0	154.4	3.1	18.2	0.80	4.73
11.0-12.0	153.3	3.4	21.6	0.87	5.60
12.0-13.0	152.1	3.6	25.2	0.94	6.54
13.0-14.0	150.7	3.9	29.0	1.00	7.54
14.0-15.0	149.5	4.1	33.1	1.07	8.61
15.0-16.0	148.3	4.3	37.5	1.13	9.73
16.0-17.0	147.0	4.6	42.1	1.19	10.92
17.0-18.0	145.7	4.8	46.9	1.25	12.17
18.0-19.0	144.3	5.0	51.9	1.30	13.48
19.0-20.0	142.8	5.2	57.1	1.36	14.83
20.0-21.0	141.5	5.4	62.5	1.41	16.24
21.0-22.0	140.1	5.6	68.2	1.46	17.71
22.0-23.0	138.4	5.8	74.0	1.51	19.22
23.0-24.0	136.8	6.0	80.0	1.55	20.77
24.0-25.0	135.3	6.2	86.1	1.60	22.37
25.0-26.0	133.6	6.3	92.4	1.64	24.01
26.0-27.0	131.9	6.5	98.9	1.68	25.68
27.0-28.0	130.0	6.6	105.5	1.71	27.39
28.0-29.0	128.3	6.7	112.2	1.74	29.14
29.0-30.0	126.4	6.8	119.0	1.77	30.91
30.0-31.0	124.5	6.9	125.9	1.80	32.71
31.0-32.0	122.6	7.0	133.0	1.82	34.53
32.0-33.0	120.6	7.1	140.1	1.85	36.38
33.0-34.0	118.5	7.2	147.2	1.86	38.24
34.0-35.0	116.4	7.2	154.5	1.88	40.12
35.0-36.0	114.3	7.3	161.7	1.89	42.01

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	112.1	7.3	169.1	1.90	43.91
37.0-38.0	109.8	7.3	176.4	1.90	45.81
38.0-39.0	107.6	7.3	183.7	1.91	47.72
39.0-40.0	105.3	7.3	191.1	1.91	49.63
40.0-41.0	102.9	7.3	198.4	1.90	51.53
41.0-42.0	100.5	7.3	205.7	1.90	53.43
42.0-43.0	98.1	7.3	213.0	1.89	55.32
43.0-44.0	95.5	7.2	220.2	1.87	57.19
44.0-45.0	92.9	7.1	227.3	1.86	59.05
45.0-46.0	90.3	7.1	234.4	1.84	60.88
46.0-47.0	87.7	7.0	241.4	1.81	62.69
47.0-48.0	85.2	6.9	248.3	1.79	64.48
48.0-49.0	82.6	6.8	255.0	1.76	66.24
49.0-50.0	79.9	6.7	261.7	1.73	67.98
50.0-51.0	77.3	6.5	268.2	1.70	69.67
51.0-52.0	74.6	6.4	274.6	1.66	71.34
52.0-53.0	71.8	6.2	280.9	1.62	72.96
53.0-54.0	69.1	6.1	287.0	1.58	74.54
54.0-55.0	66.4	5.9	292.9	1.54	76.08
55.0-56.0	63.7	5.8	298.7	1.50	77.58
56.0-57.0	61.1	5.6	304.3	1.45	79.03
57.0-58.0	58.3	5.4	309.7	1.40	80.43
58.0-59.0	55.6	5.2	314.8	1.35	81.78
59.0-60.0	52.9	5.0	319.9	1.30	83.08
60.0-61.0	50.3	4.8	324.6	1.25	84.32
61.0-62.0	47.6	4.6	329.2	1.19	85.52
62.0-63.0	45.1	4.4	333.6	1.14	86.65
63.0-64.0	42.5	4.2	337.8	1.08	87.74
64.0-65.0	40.0	4.0	341.8	1.03	88.77
65.0-66.0	37.6	3.7	345.5	0.97	89.74
66.0-67.0	35.1	3.5	349.0	0.92	90.66
67.0-68.0	32.8	3.3	352.4	0.86	91.52
68.0-69.0	30.6	3.1	355.5	0.81	92.33
69.0-70.0	28.5	2.9	358.4	0.76	93.09
70.0-71.0	26.3	2.7	361.1	0.71	93.80
71.0-72.0	24.2	2.5	363.6	0.65	94.45

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	22.3	2.3	366.0	0.61	95.06
73.0-74.0	20.5	2.2	368.1	0.56	95.62
74.0-75.0	18.6	2.0	370.1	0.51	96.13
75.0-76.0	16.9	1.8	371.9	0.47	96.60
76.0-77.0	15.2	1.6	373.5	0.42	97.02
77.0-78.0	13.5	1.4	375.0	0.37	97.39
78.0-79.0	11.8	1.3	376.2	0.33	97.72
79.0-80.0	10.2	1.1	377.3	0.29	98.01
80.0-81.0	8.8	0.9	378.3	0.25	98.25
81.0-82.0	7.4	0.8	379.1	0.21	98.46
82.0-83.0	6.2	0.7	379.8	0.18	98.64
83.0-84.0	5.1	0.6	380.3	0.15	98.78
84.0-85.0	4.1	0.5	380.8	0.12	98.90
85.0-86.0	3.3	0.4	381.1	0.09	99.00
86.0-87.0	2.6	0.3	381.4	0.07	99.07
87.0-88.0	2.0	0.2	381.6	0.06	99.13
88.0-89.0	1.4	0.2	381.8	0.04	99.17
89.0-90.0	1.0	0.1	381.9	0.03	99.19
90.0-91.0	0.6	0.1	382.0	0.02	99.21
91.0-92.0	0.4	0.0	382.0	0.01	99.22
92.0-93.0	0.1	0.0	382.0	0.00	99.22
93.0-94.0	0.0	0.0	382.0	0.00	99.23
94.0-95.0	0.0	0.0	382.0	0.00	99.23
95.0-96.0	0.0	0.0	382.0	0.00	99.23
96.0-97.0	0.0	0.0	382.0	0.00	99.23
97.0-98.0	0.0	0.0	382.0	0.00	99.23
98.0-99.0	0.0	0.0	382.0	0.00	99.23
99.0-100.0	0.0	0.0	382.0	0.00	99.23
100.0-101.0	0.0	0.0	382.0	0.00	99.23
101.0-102.0	0.0	0.0	382.0	0.00	99.23
102.0-103.0	0.0	0.0	382.0	0.00	99.23
103.0-104.0	0.0	0.0	382.0	0.00	99.23
104.0-105.0	0.0	0.0	382.0	0.00	99.23
105.0-106.0	0.0	0.0	382.0	0.00	99.23
106.0-107.0	0.0	0.0	382.0	0.00	99.23
107.0-108.0	0.0	0.0	382.0	0.00	99.23

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	382.0	0.00	99.23
109.0-110.0	0.0	0.0	382.0	0.00	99.23
110.0-111.0	0.1	0.0	382.0	0.00	99.23
111.0-112.0	0.1	0.0	382.0	0.00	99.23
112.0-113.0	0.1	0.0	382.1	0.00	99.24
113.0-114.0	0.2	0.0	382.1	0.00	99.24
114.0-115.0	0.2	0.0	382.1	0.00	99.24
115.0-116.0	0.2	0.0	382.1	0.01	99.25
116.0-117.0	0.3	0.0	382.1	0.01	99.26
117.0-118.0	0.3	0.0	382.2	0.01	99.26
118.0-119.0	0.3	0.0	382.2	0.01	99.27
119.0-120.0	0.3	0.0	382.2	0.01	99.28
120.0-121.0	0.4	0.0	382.3	0.01	99.29
121.0-122.0	0.4	0.0	382.3	0.01	99.30
122.0-123.0	0.4	0.0	382.3	0.01	99.31
123.0-124.0	0.5	0.0	382.4	0.01	99.32
124.0-125.0	0.5	0.0	382.4	0.01	99.33
125.0-126.0	0.5	0.0	382.5	0.01	99.34
126.0-127.0	0.6	0.0	382.5	0.01	99.36
127.0-128.0	0.6	0.1	382.6	0.01	99.37
128.0-129.0	0.6	0.1	382.6	0.01	99.38
129.0-130.0	0.6	0.1	382.7	0.01	99.40
130.0-131.0	0.7	0.1	382.7	0.01	99.41
131.0-132.0	0.7	0.1	382.8	0.01	99.43
132.0-133.0	0.7	0.1	382.9	0.02	99.44
133.0-134.0	0.7	0.1	382.9	0.01	99.46
134.0-135.0	0.7	0.1	383.0	0.01	99.47
135.0-136.0	0.8	0.1	383.0	0.02	99.49
136.0-137.0	0.8	0.1	383.1	0.02	99.50
137.0-138.0	0.8	0.1	383.1	0.02	99.52
138.0-139.0	0.9	0.1	383.2	0.02	99.54
139.0-140.0	0.9	0.1	383.3	0.02	99.55
140.0-141.0	0.9	0.1	383.3	0.02	99.57
141.0-142.0	0.9	0.1	383.4	0.02	99.59
142.0-143.0	1.0	0.1	383.5	0.02	99.60
143.0-144.0	1.0	0.1	383.5	0.02	99.62

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.0	0.1	383.6	0.02	99.64
145.0-146.0	1.0	0.1	383.7	0.02	99.65
146.0-147.0	1.1	0.1	383.7	0.02	99.67
147.0-148.0	1.1	0.1	383.8	0.02	99.69
148.0-149.0	1.1	0.1	383.9	0.02	99.70
149.0-150.0	1.1	0.1	383.9	0.02	99.72
150.0-151.0	1.1	0.1	384.0	0.02	99.73
151.0-152.0	1.2	0.1	384.0	0.02	99.75
152.0-153.0	1.2	0.1	384.1	0.02	99.77
153.0-154.0	1.2	0.1	384.2	0.02	99.78
154.0-155.0	1.2	0.1	384.2	0.01	99.80
155.0-156.0	1.2	0.1	384.3	0.01	99.81
156.0-157.0	1.2	0.1	384.3	0.01	99.82
157.0-158.0	1.3	0.1	384.4	0.01	99.84
158.0-159.0	1.3	0.1	384.4	0.01	99.85
159.0-160.0	1.3	0.0	384.5	0.01	99.86
160.0-161.0	1.3	0.0	384.5	0.01	99.88
161.0-162.0	1.3	0.0	384.6	0.01	99.89
162.0-163.0	1.3	0.0	384.6	0.01	99.90
163.0-164.0	1.3	0.0	384.7	0.01	99.91
164.0-165.0	1.4	0.0	384.7	0.01	99.92
165.0-166.0	1.4	0.0	384.7	0.01	99.93
166.0-167.0	1.4	0.0	384.8	0.01	99.94
167.0-168.0	1.4	0.0	384.8	0.01	99.95
168.0-169.0	1.4	0.0	384.8	0.01	99.96
169.0-170.0	1.4	0.0	384.9	0.01	99.96
170.0-171.0	1.4	0.0	384.9	0.01	99.97
171.0-172.0	1.4	0.0	384.9	0.01	99.98
172.0-173.0	1.4	0.0	384.9	0.01	99.98
173.0-174.0	1.4	0.0	385.0	0.00	99.99
174.0-175.0	1.4	0.0	385.0	0.00	99.99
175.0-176.0	1.4	0.0	385.0	0.00	99.99
176.0-177.0	1.4	0.0	385.0	0.00	100.00
177.0-178.0	1.4	0.0	385.0	0.00	100.00
178.0-179.0	1.4	0.0	385.0	0.00	100.00
179.0-180.0	1.4	0.0	385.0	0.00	100.00

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G0.0	164.8	164.3	163.4	163.7	164.5	165.1	165.1			
G1.0	164.7	164.1	163.2	163.1	163.4	164.0	165.4			
G2.0	164.0	163.4	162.1	161.4	161.8	163.2	165.3			
G3.0	163.9	161.7	161.2	160.7	161.3	163.0	165.3			
G4.0	163.5	161.0	159.6	159.6	159.9	161.9	164.2			
G5.0	163.5	159.8	159.0	157.9	159.0	160.8	164.1			
G6.0	162.9	159.3	157.6	157.1	158.1	159.9	163.7			
G7.0	162.0	158.3	156.8	155.7	156.8	159.0	164.0			
G8.0	161.5	156.3	155.2	154.8	155.6	158.2	162.4			
G9.0	160.8	155.2	154.0	154.2	154.6	156.8	161.8			
G10.0	159.0	155.0	152.9	153.0	154.1	155.0	161.2			
G11.0	158.6	152.6	151.9	152.5	152.1	154.3	160.3			
G12.0	157.2	151.9	150.9	150.8	151.6	153.2	159.1			
G13.0	156.5	149.8	149.6	149.5	150.5	152.1	157.9			
G14.0	154.9	148.5	148.2	148.8	148.7	149.6	157.0			
G15.0	153.7	146.7	147.6	148.2	147.8	148.6	155.9			
G16.0	152.5	145.8	145.9	146.7	147.1	146.9	154.3			
G17.0	151.0	143.9	144.9	145.9	145.3	145.7	153.6			
G18.0	149.2	142.0	144.3	145.1	144.5	144.1	151.4			
G19.0	147.6	140.5	142.6	143.3	143.3	142.7	150.3			
G20.0	145.6	138.6	141.6	142.7	142.2	140.5	148.6			
G21.0	144.0	137.1	140.6	141.7	141.2	139.0	147.3			
G22.0	142.1	134.8	138.8	140.7	139.9	137.9	145.3			
G23.0	139.8	132.7	137.7	139.7	138.1	135.1	143.7			
G24.0	137.4	131.6	136.5	138.4	137.2	133.5	141.7			
G25.0	135.6	129.2	134.9	137.2	135.9	132.0	139.3			
G26.0	133.0	126.9	133.9	136.2	134.9	130.0	137.5			
G27.0	130.3	124.6	132.1	135.5	133.1	127.5	134.6			
G28.0	127.8	122.6	130.6	134.0	131.7	126.0	132.3			
G29.0	124.8	120.9	129.0	133.3	130.1	123.3	130.6			
G30.0	122.6	117.6	127.9	131.6	129.3	121.3	127.9			
G31.0	119.7	115.7	126.1	130.3	128.1	119.0	124.7			
G32.0	116.3	113.3	124.8	129.3	126.0	116.8	122.0			
G33.0	113.8	110.7	122.9	128.5	124.6	114.2	119.9			
G34.0	110.5	108.0	121.4	126.7	123.1	111.8	117.0			
G35.0	107.3	105.8	119.9	125.6	121.3	109.0	112.9			
G36.0	104.4	103.0	118.6	124.5	119.9	106.5	110.3			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G37.0	100.5	100.8	116.5	122.5	117.8	104.3	106.9			
G38.0	97.6	97.8	114.8	121.4	116.2	101.3	103.7			
G39.0	93.8	95.1	113.1	119.6	115.1	98.8	100.5			
G40.0	90.5	92.5	111.4	118.1	113.0	96.1	96.5			
G41.0	87.4	89.6	109.8	116.5	111.0	93.0	93.4			
G42.0	83.8	86.9	108.1	114.4	109.3	90.7	89.9			
G43.0	79.9	84.1	105.8	112.9	107.3	87.6	85.9			
G44.0	76.8	81.3	103.6	111.0	105.3	84.8	82.6			
G45.0	73.6	78.3	101.4	108.8	103.0	81.8	79.3			
G46.0	70.4	75.5	99.2	106.4	101.2	78.7	75.9			
G47.0	66.9	72.7	97.3	104.2	98.6	76.1	72.4			
G48.0	63.7	70.3	94.8	101.6	96.9	73.4	69.1			
G49.0	60.9	67.3	92.5	99.9	94.2	70.4	65.8			
G50.0	57.9	64.6	90.2	96.9	91.9	67.6	62.8			
G51.0	55.1	61.9	87.8	94.2	89.4	64.9	59.8			
G52.0	52.5	59.2	85.2	91.5	86.8	61.8	56.8			
G53.0	49.8	56.6	82.3	88.4	84.0	59.3	54.2			
G54.0	47.6	53.8	79.6	85.7	81.5	56.7	51.6			
G55.0	45.0	51.4	76.8	82.7	78.5	54.2	48.9			
G56.0	42.8	49.0	74.0	79.4	75.7	51.4	46.3			
G57.0	40.6	46.6	71.1	76.4	72.9	49.2	44.2			
G58.0	38.4	44.3	68.0	72.5	70.2	46.6	41.7			
G59.0	36.4	41.9	65.1	69.3	66.8	44.4	39.7			
G60.0	34.5	39.8	62.2	65.9	64.0	42.0	37.5			
G61.0	32.6	37.3	58.8	62.3	61.1	39.7	35.6			
G62.0	30.9	35.5	55.9	59.2	57.8	37.7	33.6			
G63.0	29.0	33.4	52.8	55.7	54.7	35.4	31.7			
G64.0	27.4	31.6	49.9	52.2	51.7	33.6	29.8			
G65.0	25.8	29.6	47.1	48.8	48.8	31.4	28.2			
G66.0	24.3	27.9	43.8	45.6	45.7	29.7	26.6			
G67.0	22.8	26.2	40.9	42.6	42.8	27.1	24.9			
G68.0	21.3	24.4	38.3	39.4	39.7	26.1	23.6			
G69.0	20.0	22.5	35.6	36.4	37.1	24.3	22.0			
G70.0	18.8	21.0	32.9	33.7	34.4	22.8	20.7			
G71.0	17.3	19.4	30.1	31.0	31.4	21.1	19.2			
G72.0	16.2	18.1	27.8	28.3	28.9	19.5	18.0			
G73.0	15.0	16.6	25.5	25.8	26.6	18.1	16.7			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G74.0	14.0	15.2	23.0	23.2	24.3	16.7	15.6			
G75.0	12.9	13.9	21.0	20.6	22.0	15.3	14.4			
G76.0	11.7	12.6	18.9	18.1	19.8	14.0	13.3			
G77.0	10.5	11.3	16.9	15.8	17.8	12.7	12.2			
G78.0	9.3	9.9	14.9	13.9	15.6	11.5	11.0			
G79.0	8.1	8.6	13.0	11.9	13.6	10.0	9.6			
G80.0	7.2	7.6	11.2	9.9	11.6	8.7	8.4			
G81.0	6.3	6.6	9.4	8.1	9.8	7.6	7.4			
G82.0	5.4	5.7	7.8	6.6	8.2	6.7	6.3			
G83.0	4.6	4.8	6.4	5.2	6.8	5.8	5.7			
G84.0	3.8	4.0	5.4	3.5	5.5	4.9	4.8			
G85.0	3.1	3.3	4.4	2.4	4.5	4.1	4.1			
G86.0	2.4	2.5	3.4	2.0	3.7	3.3	3.3			
G87.0	1.6	1.8	2.5	1.7	2.9	2.6	2.6			
G88.0	1.0	1.1	1.9	1.5	2.1	1.9	1.8			
G89.0	0.7	0.6	1.2	1.3	1.5	1.2	1.2			
G90.0	0.4	0.3	0.6	1.2	1.1	0.8	0.8			
G91.0	0.3	0.2	0.4	1.0	0.7	0.5	0.4			
G92.0	0.2	0.0	0.0	0.5	0.3	0.3	0.3			
G93.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G/C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G111.0	0.0	0.0	0.2	0.1	0.2	0.1	0.0			
G112.0	0.0	0.1	0.2	0.2	0.2	0.2	0.0			
G113.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0			
G114.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0			
G115.0	0.0	0.2	0.3	0.2	0.3	0.2	0.0			
G116.0	0.2	0.2	0.3	0.3	0.3	0.2	0.0			
G117.0	0.2	0.2	0.4	0.3	0.4	0.2	0.1			
G118.0	0.2	0.3	0.4	0.3	0.4	0.3	0.2			
G119.0	0.2	0.3	0.4	0.4	0.4	0.2	0.2			
G120.0	0.3	0.3	0.5	0.4	0.4	0.3	0.2			
G121.0	0.2	0.4	0.5	0.4	0.4	0.3	0.2			
G122.0	0.3	0.4	0.5	0.5	0.5	0.4	0.3			
G123.0	0.3	0.4	0.6	0.5	0.5	0.4	0.3			
G124.0	0.3	0.4	0.6	0.6	0.5	0.4	0.3			
G125.0	0.3	0.5	0.6	0.6	0.6	0.5	0.3			
G126.0	0.4	0.5	0.7	0.6	0.6	0.5	0.3			
G127.0	0.4	0.5	0.7	0.7	0.6	0.5	0.4			
G128.0	0.5	0.6	0.7	0.7	0.7	0.5	0.4			
G129.0	0.4	0.6	0.8	0.7	0.7	0.6	0.4			
G130.0	0.5	0.6	0.8	0.7	0.7	0.6	0.4			
G131.0	0.5	0.7	0.8	0.8	0.8	0.6	0.5			
G132.0	0.5	0.7	0.8	0.8	0.8	0.6	0.5			
G133.0	0.5	0.7	0.9	0.8	0.8	0.7	0.5			
G134.0	0.6	0.7	0.4	0.9	0.8	0.7	0.5			
G135.0	0.6	0.8	0.9	0.9	0.8	0.7	0.6			
G136.0	0.6	0.8	1.0	0.9	0.9	0.7	0.6			
G137.0	0.6	0.8	0.9	1.0	0.9	0.8	0.6			
G138.0	0.6	0.9	1.0	1.0	0.9	0.8	0.7			
G139.0	0.6	0.9	1.0	1.0	0.9	0.8	0.7			
G140.0	0.7	0.9	1.1	1.0	1.0	0.8	0.7			
G141.0	0.6	0.9	1.1	1.1	1.0	0.9	0.7			
G142.0	0.8	0.9	1.1	1.1	1.0	0.9	0.8			
G143.0	0.8	1.0	1.1	1.1	1.0	0.9	0.7			
G144.0	0.8	1.0	1.1	1.1	1.0	0.9	0.8			
G145.0	0.8	1.0	1.1	1.1	1.1	1.0	0.8			
G146.0	0.8	1.0	1.2	1.1	1.1	1.0	0.9			
G147.0	0.9	1.1	1.2	1.2	1.1	1.0	0.9			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G148.0	0.9	1.1	1.2	1.2	1.1	1.1	0.9			
G149.0	0.9	1.1	1.2	1.2	1.2	1.1	0.9			
G150.0	1.0	1.1	1.3	1.2	1.2	1.1	1.0			
G151.0	1.0	1.2	1.3	1.2	1.2	1.1	1.0			
G152.0	1.0	1.2	1.3	1.2	1.2	1.1	1.0			
G153.0	1.0	1.2	1.3	1.3	1.2	1.1	1.0			
G154.0	1.0	1.2	1.3	1.3	1.2	1.2	1.1			
G155.0	1.0	1.2	1.3	1.3	1.2	1.2	1.1			
G156.0	1.1	1.2	1.4	1.3	1.3	1.2	1.1			
G157.0	1.1	1.3	1.3	1.3	1.3	1.2	1.1			
G158.0	1.1	1.2	1.4	1.4	1.3	1.2	1.1			
G159.0	1.1	1.3	1.4	1.3	1.3	1.2	1.2			
G160.0	1.2	1.3	1.4	1.4	1.3	1.3	1.2			
G161.0	1.2	1.3	1.4	1.4	1.3	1.3	1.2			
G162.0	1.2	1.3	1.4	1.4	1.3	1.3	1.2			
G163.0	1.2	1.3	1.4	1.4	1.3	1.3	1.3			
G164.0	1.2	1.3	1.5	1.4	1.3	1.3	1.3			
G165.0	1.2	1.4	1.5	1.4	1.4	1.3	1.3			
G166.0	1.3	1.4	1.5	1.4	1.4	1.3	1.3			
G167.0	1.3	1.4	1.5	1.4	1.4	1.3	1.3			
G168.0	1.3	1.4	1.4	1.4	1.4	1.3	1.3			
G169.0	1.3	1.4	1.5	1.4	1.4	1.4	1.4			
G170.0	1.4	1.4	1.5	1.6	1.4	1.4	1.4			
G171.0	1.3	1.4	1.5	1.4	1.4	1.4	1.4			
G172.0	1.4	1.4	1.5	1.4	1.4	1.4	1.4			
G173.0	1.4	1.4	1.5	1.4	1.4	1.4	1.4			
G174.0	1.4	1.4	1.5	1.4	1.4	1.4	1.4			
G175.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4			
G176.0	1.4	1.4	1.4	1.4	1.5	1.4	1.4			
G177.0	1.4	1.4	1.4	1.4	1.4	1.4	1.5			
G178.0	1.4	1.5	1.4	1.4	1.4	1.4	1.4			
G179.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4			
G180.0	1.4	1.4	1.4	1.4	1.4	1.4	1.5			

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector: