

IES Flood Report

Photometric Filename: HV5823T-3000K.IES

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Report No.: 1

Test Time: 2019/3/28 16:34

Luminaire Property

Luminaire Manufacturer: HAVIT LIGHTING
 Luminaire Description: HV5823T-3000K
 Current: 0.056 A
 Power Factor: 0.889

Voltage: 220 V
 Power: 10.94 W

Photometric Results

CIE Class: Direct
 Measurement Flux: 790.2 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H63
 Vertical Diffuse Angle(50%): V62.9
 Luminaire Efficacy Rating (LER): 72.28
 Max. Intensity: 788.99 cd
 S/MH(C0/C180): 0.96

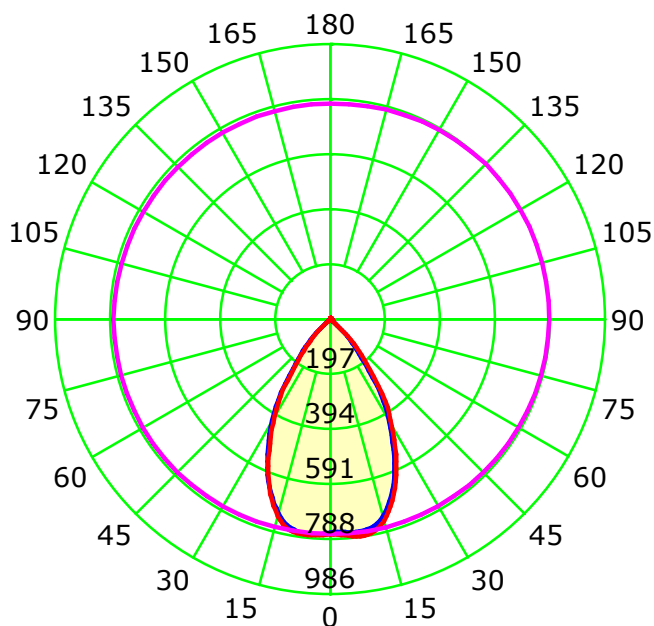
Total Rated Lamp Lumens: 790.2 lm
 Efficiency: 100%
 Upward Ratio: 1%

Central Intensity: 764.9 cd
 Pos of Max. Intensity: H135 V7
 S/MH(C90/C270): 0.96

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

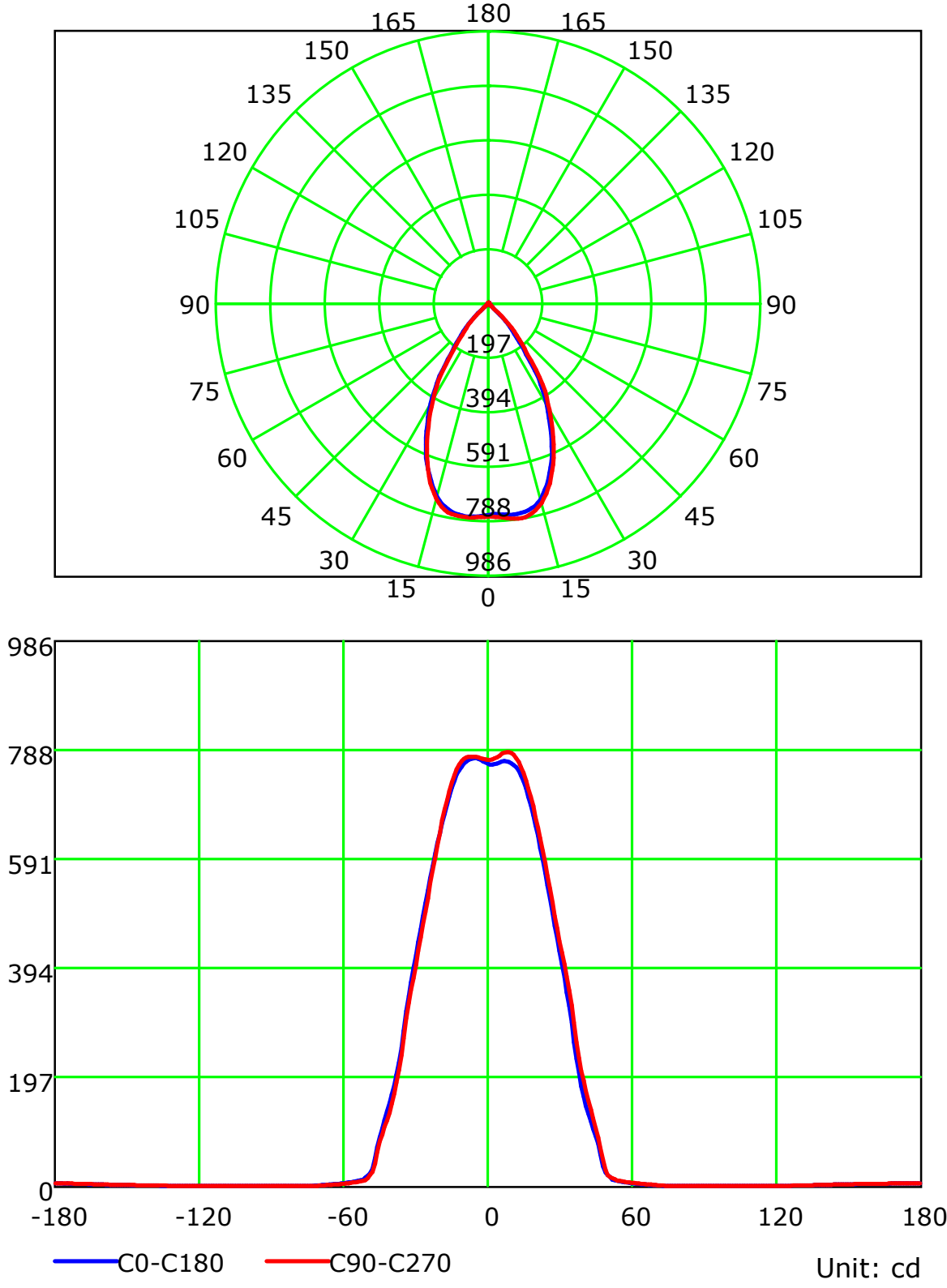
Average Diffuse Angle(50%): 62.8°

— C0-C180 — C90-C270 — G7

C Plane (°):0.0-360.0: 45.0
 Test Lab: Havit Lighting
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Luminous Intensity Distribution Curve



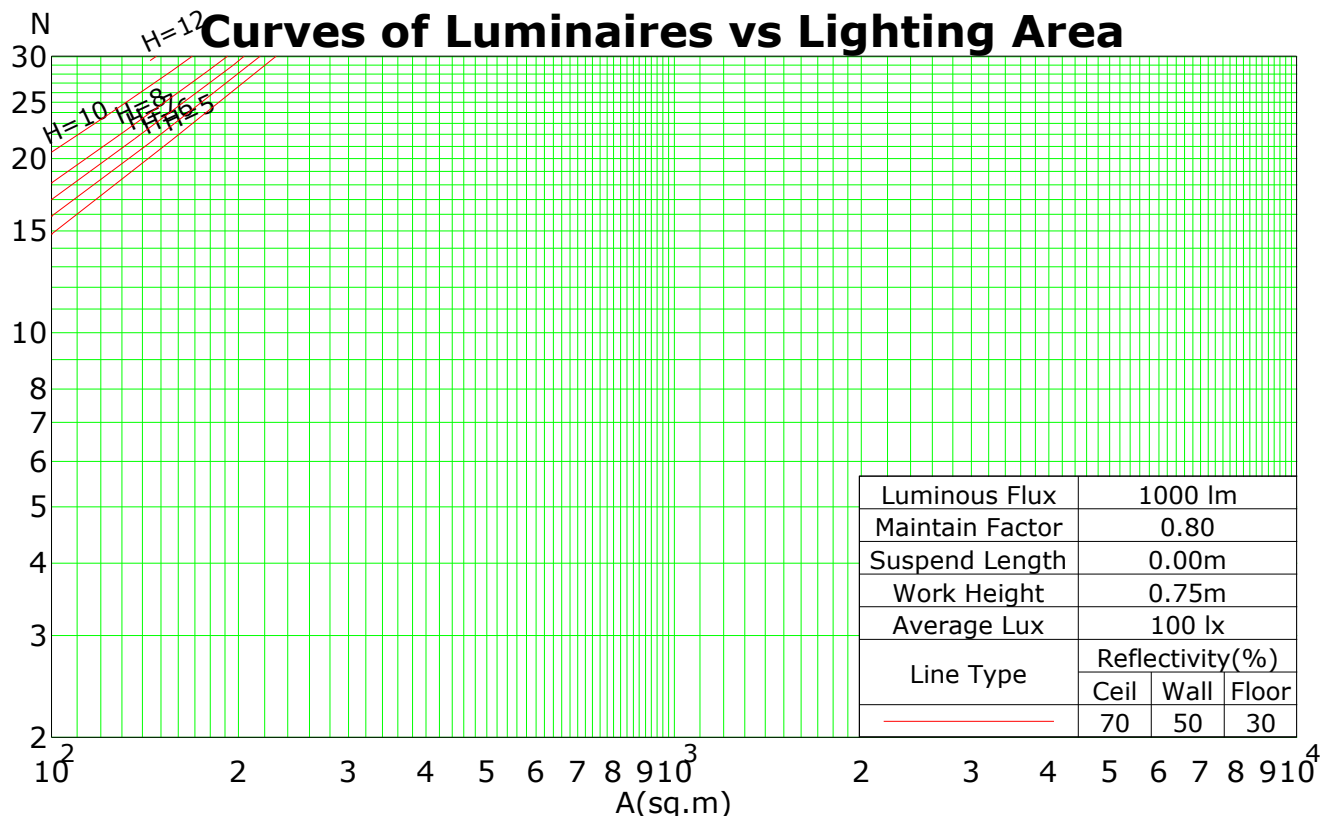
C Plane (°):0.0-360.0: 45.0
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Coefficients Of Utilization - Zonal Cavity Method

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	113	110	108	106	111	108	106	104	104	102	100	100	99	97	96	95	94	92
2	107	102	98	95	105	101	97	94	97	94	91	94	92	89	91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84	88	85	82	86	83	81	79
4	96	89	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	73
5	91	83	77	72	89	82	76	72	80	75	71	78	74	70	76	73	70	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	63
7	82	72	66	62	81	72	66	62	70	65	61	69	64	61	68	64	60	59
8	78	68	62	58	76	67	61	57	66	61	57	65	60	57	64	60	57	55
9	74	64	58	54	73	63	58	54	62	57	53	61	57	53	61	56	53	52
10	70	60	54	50	69	60	54	50	59	54	50	58	53	50	57	53	50	48

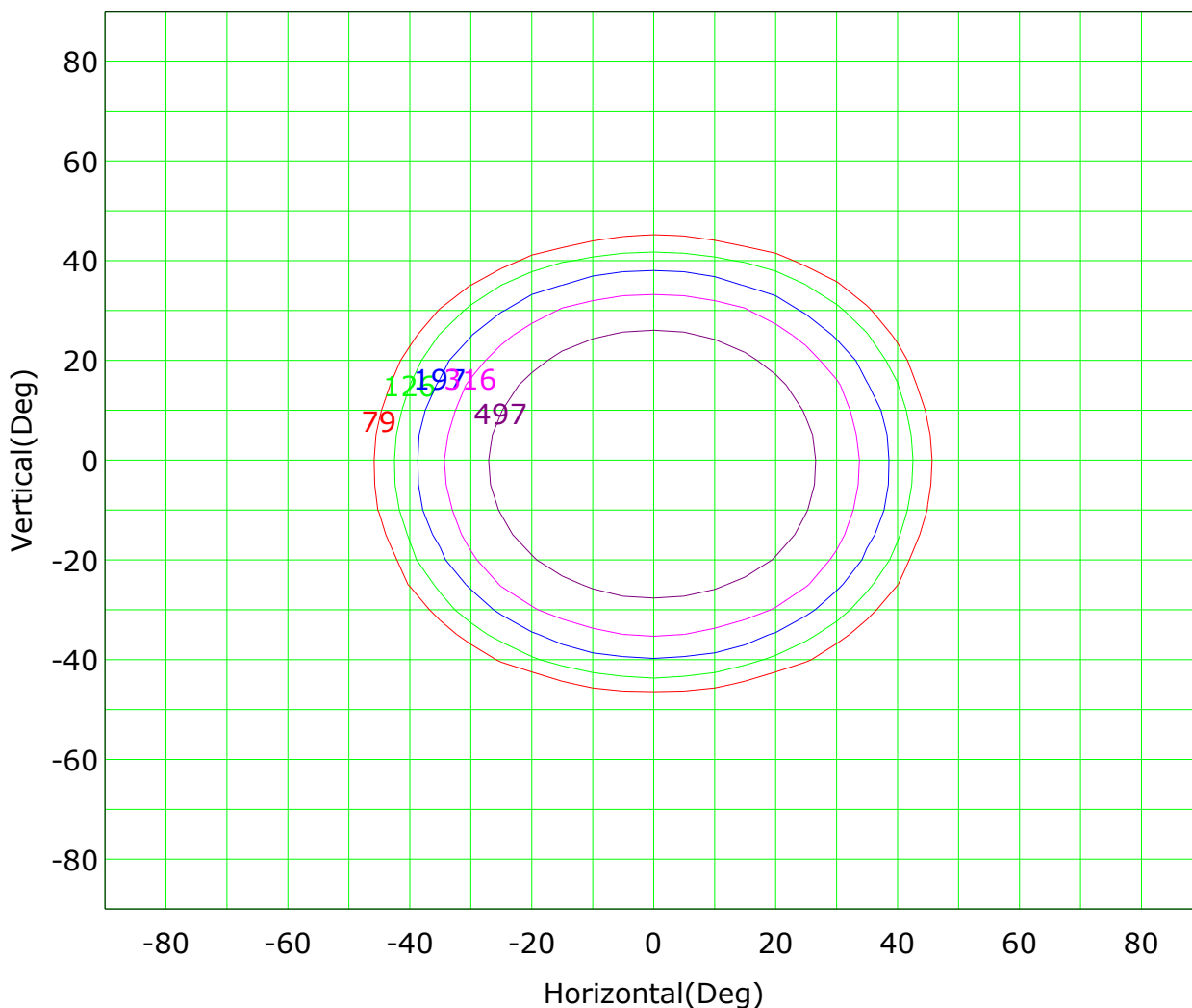
Spacing Criteria (0-180): 0.96
 Spacing Criteria (90-270): 0.96
 Spacing Criteria (Diagonal): 0.94



C Plane (°):0.0-360.0: 45.0
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 Inspector:

Isocandela (rectangle)



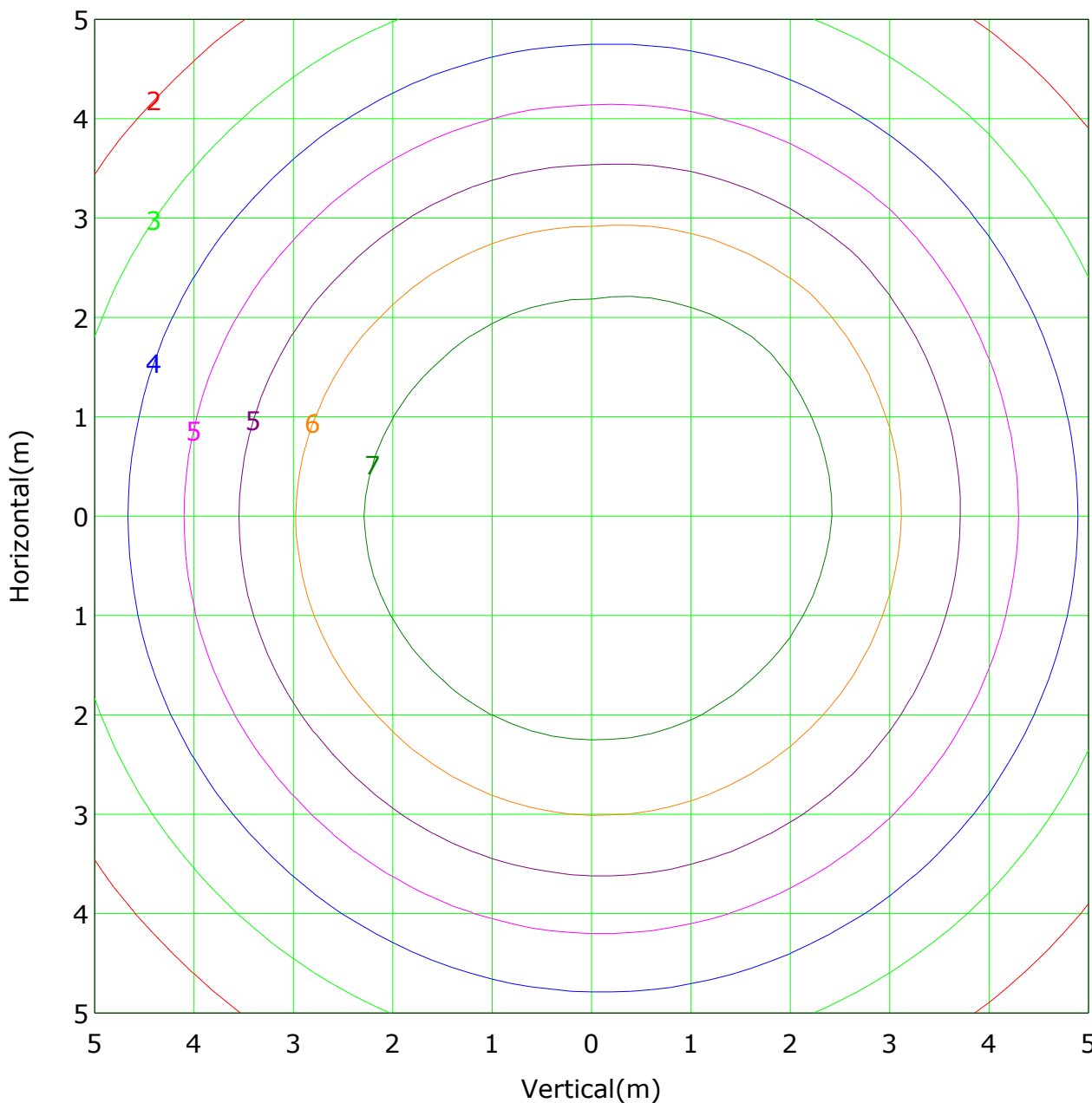
Imax (100%): 789 cd

(10%): 79 cd	(16%): 126 cd
(25%): 197 cd	(40%): 316 cd
(63%): 497 cd	(100%): 789 cd

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IsoLux Plot



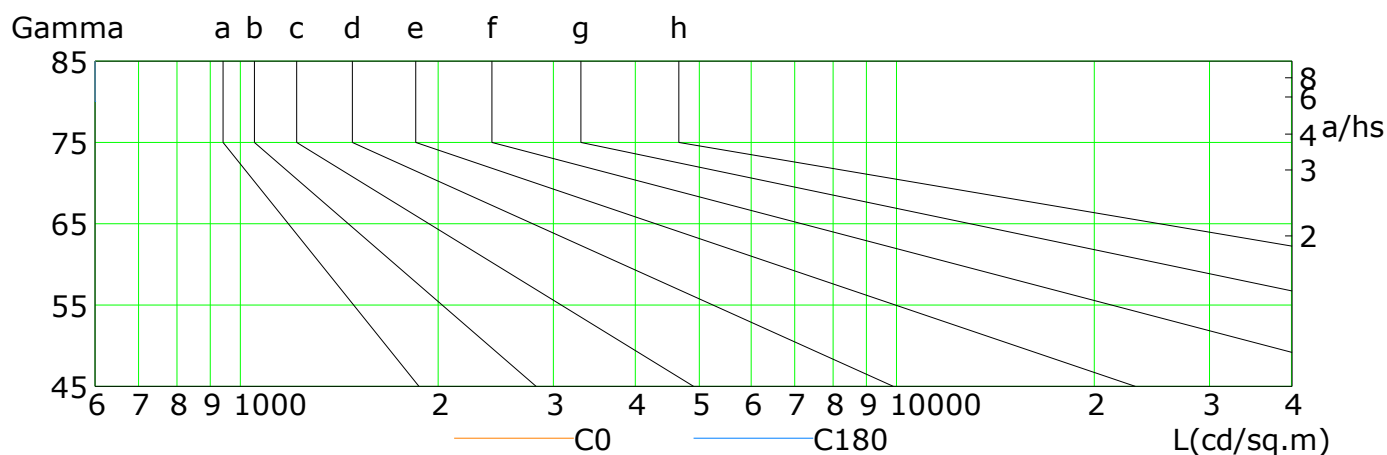
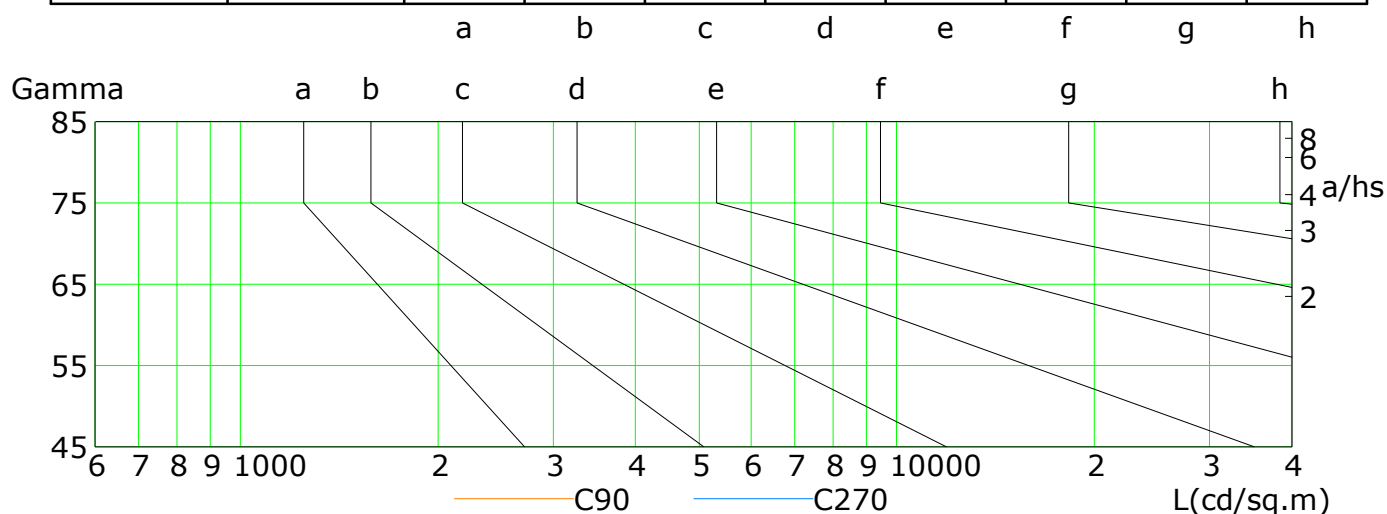
Mounting Height: 10.0m Max Lux(100%): 7.8 lx	
(30%): 2.3 lx	(40%): 3.1 lx
(50%): 3.9 lx	(60%): 4.7 lx
(70%): 5.4 lx	(80%): 6.2 lx
(90%): 7.0 lx	(100%): 7.8 lx
(120%): 9.3 lx	(150%): 11.7 lx

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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

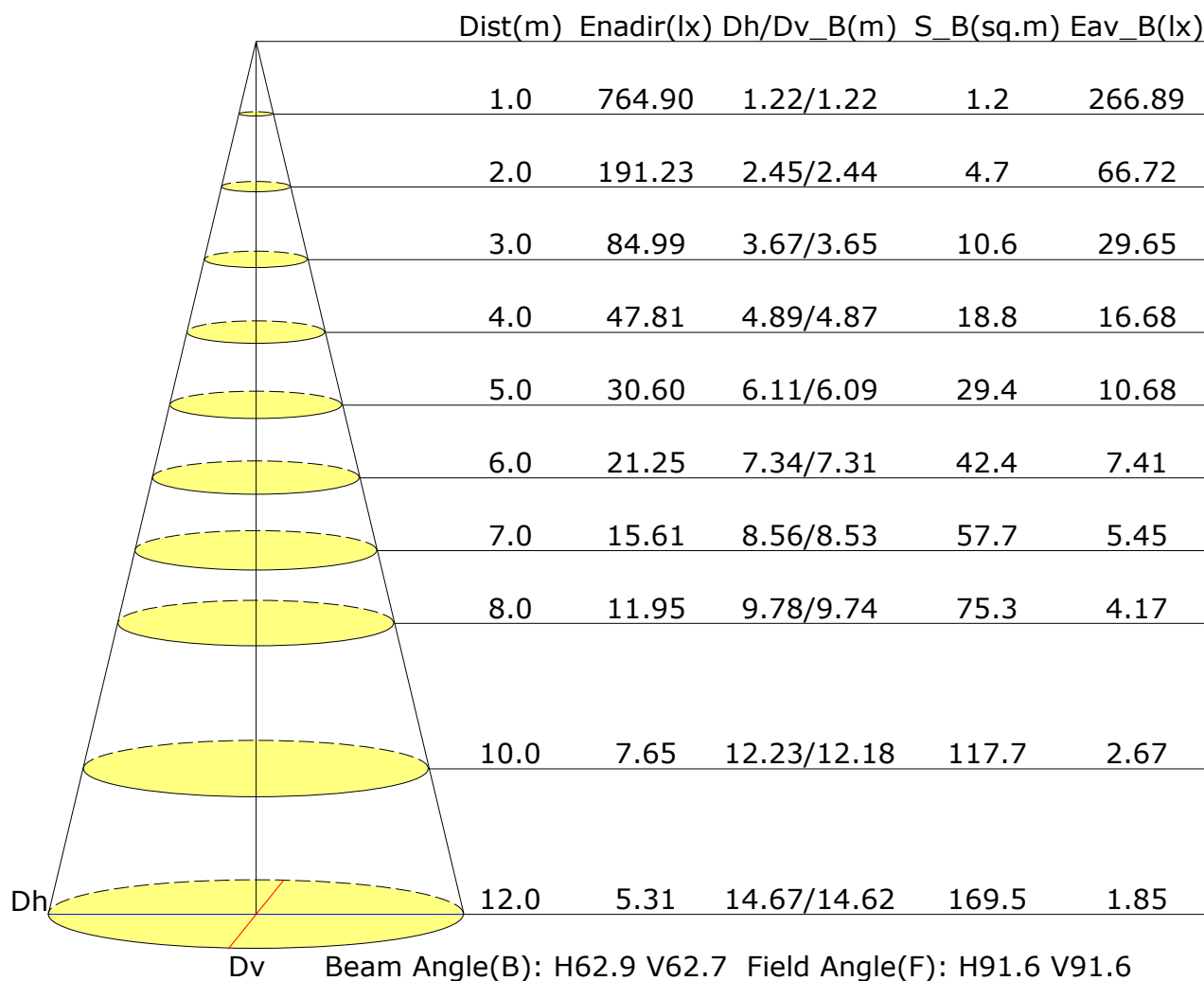


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	90	20	9	5	3	2	0	0	0
C90	105	20	9	6	4	2	1	0	0
C180	89	19	9	6	3	2	0	0	0
C270	81	15	7	5	3	1	0	0	0

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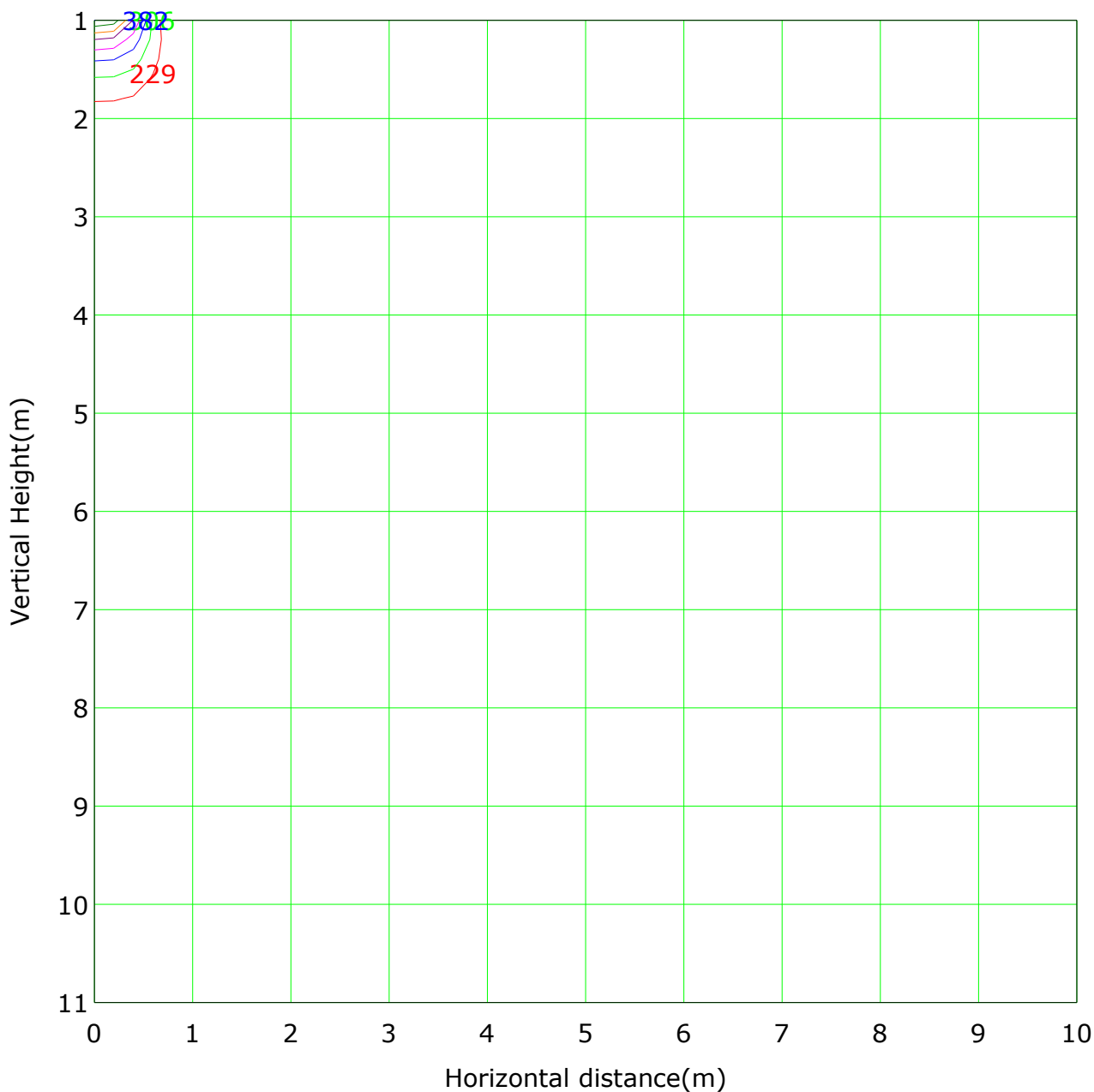
Illuminance at a Distance



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 Inspector:

Vertical IsoLux Plot



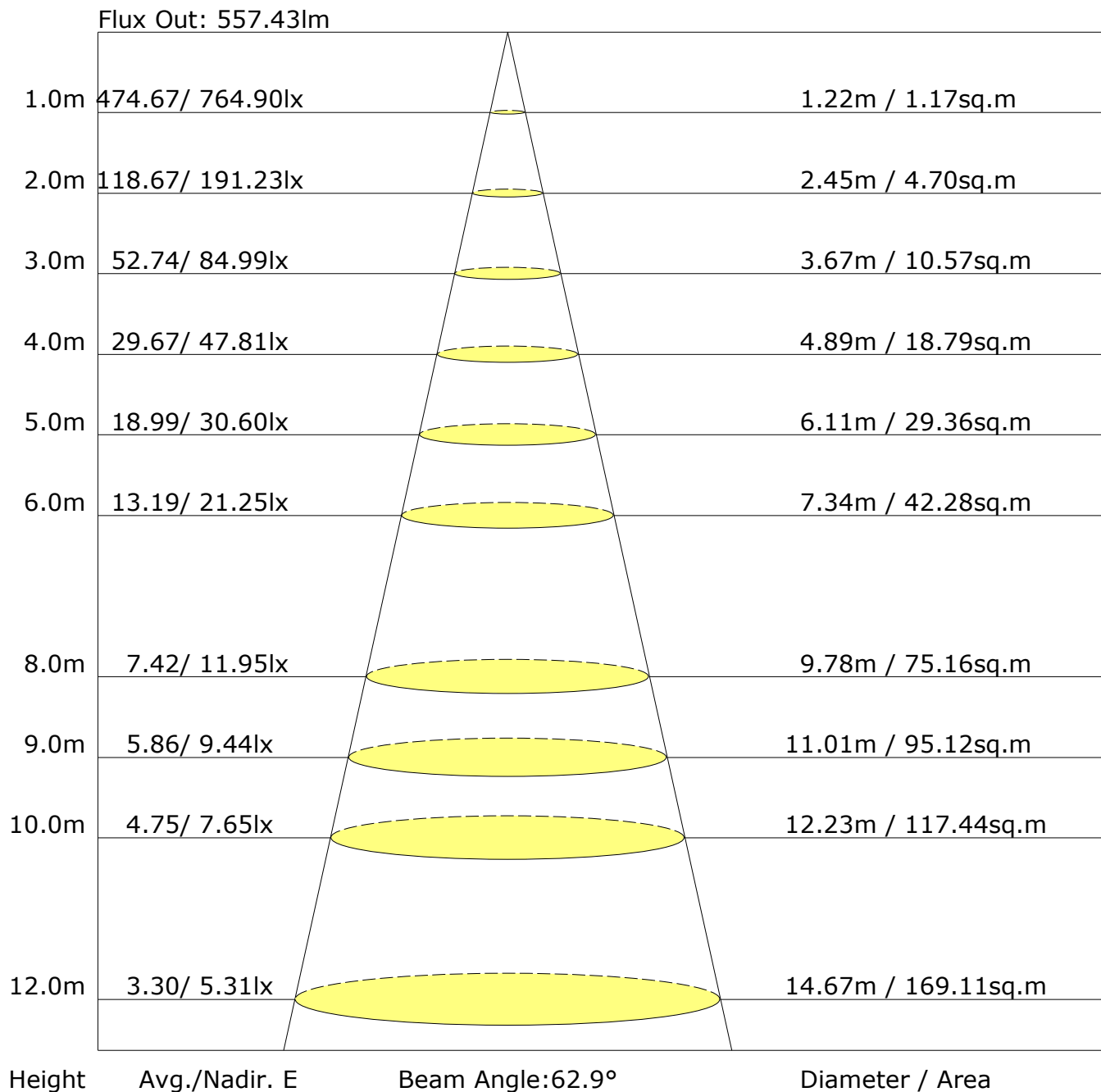
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 764.9 lx

(30%): 229.5 lx	(40%): 306.0 lx
(50%): 382.5 lx	(60%): 458.9 lx
(70%): 535.4 lx	(80%): 611.9 lx
(90%): 688.4 lx	(100%): 764.9 lx
(120%): 917.9 lx	(150%): 1147.4 lx

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The Average Illuminance Effective Figure



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Gamma Plane (°): 0.0-180.0: 1.0
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 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 790lm ($8\log(F/F_0) = -0.8$).

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 Test Type: TYPE C
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	764.9	768.3	771.7	774.0	764.9	768.3	771.7	774.0	764.9	
G1.0	763.2	767.3	771.7	775.4	767.3	770.0	772.4	773.5	763.2	
G2.0	763.0	767.6	772.6	777.4	769.0	772.4	773.5	774.1	763.0	
G3.0	764.0	769.1	774.0	780.0	771.8	774.7	774.9	774.8	764.0	
G4.0	765.5	771.2	776.2	783.1	773.8	776.2	775.9	775.7	765.5	
G5.0	767.3	773.7	779.4	786.0	775.0	776.9	777.0	776.3	767.3	
G6.0	768.8	776.0	782.6	787.9	774.9	775.7	777.4	776.6	768.8	
G7.0	769.3	777.2	784.8	789.0	773.9	774.0	777.6	775.8	769.3	
G8.0	768.8	777.5	786.0	788.6	772.0	772.0	777.2	774.3	768.8	
G9.0	767.5	776.4	785.9	787.1	769.2	768.9	775.9	772.3	767.5	
G10.0	765.4	773.2	784.1	784.5	765.0	764.8	773.8	769.1	765.4	
G11.0	762.5	769.1	780.7	780.2	759.6	759.5	769.8	764.5	762.5	
G12.0	758.4	763.0	774.6	775.3	752.7	752.7	763.4	757.2	758.4	
G13.0	752.0	756.1	767.5	768.9	745.2	744.5	755.0	749.0	752.0	
G14.0	743.8	748.0	758.7	760.7	734.5	733.7	744.3	738.8	743.8	
G15.0	733.4	738.3	748.1	749.6	721.7	721.8	731.4	725.8	733.4	
G16.0	719.7	726.8	734.2	737.7	706.0	707.6	715.5	711.5	719.7	
G17.0	705.2	712.8	720.0	723.5	691.8	691.4	699.5	695.6	705.2	
G18.0	689.4	698.2	704.5	707.9	673.7	672.1	682.1	678.7	689.4	
G19.0	671.1	682.6	687.7	690.8	656.7	653.7	662.6	659.9	671.1	
G20.0	653.1	665.1	667.6	670.9	639.6	634.8	639.1	638.1	653.1	
G21.0	634.1	644.9	648.8	652.6	621.4	614.7	617.0	617.5	634.1	
G22.0	612.4	625.6	629.5	630.9	602.1	593.5	595.1	597.9	612.4	
G23.0	591.5	602.9	606.8	609.1	579.0	569.0	572.0	575.2	591.5	
G24.0	567.3	581.5	584.9	586.5	557.8	546.1	547.7	552.2	567.3	
G25.0	544.2	558.6	562.4	563.3	535.7	523.3	520.8	528.5	544.2	
G26.0	520.9	534.9	539.1	536.8	512.7	499.9	496.6	502.1	520.9	
G27.0	494.9	507.9	513.2	512.7	487.5	474.3	473.1	479.0	494.9	
G28.0	471.0	483.0	489.1	488.2	465.1	451.6	450.6	456.7	471.0	
G29.0	448.3	459.4	466.1	464.9	442.3	429.3	425.6	434.4	448.3	
G30.0	426.0	437.8	443.8	442.7	418.5	404.4	400.4	410.5	426.0	
G31.0	401.6	417.4	423.0	419.0	395.2	379.4	375.8	382.4	401.6	
G32.0	377.9	395.4	401.2	396.1	368.5	356.8	354.1	359.0	377.9	
G33.0	350.5	372.1	379.9	369.7	344.6	333.4	332.1	335.5	350.5	
G34.0	326.2	345.2	354.1	347.2	316.7	304.7	303.9	305.3	326.2	
G35.0	296.1	317.6	327.0	323.7	281.5	267.0	267.3	271.0	296.1	
G36.0	260.7	283.5	295.9	288.7	250.6	235.4	237.1	240.7	260.7	

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 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	230.7	246.5	260.5	255.5	223.8	209.1	210.0	214.1	230.7	
G38.0	204.9	217.3	231.8	224.5	201.5	188.3	187.0	195.3	204.9	
G39.0	180.8	194.7	209.2	199.2	183.1	171.0	167.8	178.8	180.8	
G40.0	161.9	175.5	190.8	177.2	165.4	156.7	148.8	162.7	161.9	
G41.0	145.3	158.6	172.1	156.5	150.4	143.4	133.0	144.9	145.3	
G42.0	131.2	142.3	154.7	139.9	135.4	129.3	119.3	128.6	131.2	
G43.0	116.8	130.4	138.1	125.1	120.0	115.1	107.5	111.5	116.8	
G44.0	103.8	117.4	122.2	110.5	104.3	101.7	93.9	94.1	103.8	
G45.0	90.3	102.2	104.6	99.3	88.8	85.3	81.1	76.0	90.3	
G46.0	77.0	86.7	87.9	87.4	71.0	66.8	61.5	53.1	77.0	
G47.0	58.2	69.4	68.8	70.2	51.6	44.5	40.9	32.4	58.2	
G48.0	36.5	44.8	48.3	49.1	31.8	28.9	26.3	21.9	36.5	
G49.0	24.6	26.8	29.3	29.7	22.8	22.2	20.3	17.3	24.6	
G50.0	20.0	19.5	20.3	20.3	19.0	18.5	14.8	14.1	20.0	
G51.0	16.5	16.7	16.7	17.5	15.8	11.9	10.5	10.6	16.5	
G52.0	11.5	13.8	14.8	15.1	11.6	10.6	9.6	9.8	11.5	
G53.0	10.6	10.9	12.3	11.0	10.6	9.8	8.9	9.0	10.6	
G54.0	9.6	10.1	10.3	10.0	9.7	9.0	8.1	8.3	9.6	
G55.0	8.7	9.2	9.4	9.2	8.9	8.2	7.4	7.6	8.7	
G56.0	8.0	8.5	8.7	8.5	8.1	7.4	6.8	6.9	8.0	
G57.0	7.2	7.8	8.0	7.8	7.4	6.8	6.1	6.3	7.2	
G58.0	6.6	7.2	7.4	7.2	6.8	6.3	5.5	5.8	6.6	
G59.0	6.0	6.5	6.8	6.6	6.2	5.7	5.1	5.2	6.0	
G60.0	5.5	5.9	6.3	6.0	5.6	5.1	4.5	4.7	5.5	
G61.0	5.0	5.5	5.7	5.5	5.1	4.6	4.0	4.3	5.0	
G62.0	4.5	4.9	5.2	5.1	4.6	4.2	3.7	3.9	4.5	
G63.0	4.1	4.4	4.8	4.6	4.2	3.8	3.3	3.5	4.1	
G64.0	3.7	4.1	4.3	4.2	3.8	3.4	2.9	3.1	3.7	
G65.0	3.3	3.7	4.0	3.8	3.4	3.0	2.5	2.8	3.3	
G66.0	3.0	3.3	3.6	3.4	3.0	2.6	2.2	2.4	3.0	
G67.0	2.6	3.0	3.2	3.1	2.7	2.3	1.9	2.1	2.6	
G68.0	2.3	2.6	2.8	2.7	2.3	2.0	1.5	1.8	2.3	
G69.0	2.0	2.3	2.5	2.4	2.1	1.7	1.3	1.6	2.0	
G70.0	1.7	1.9	2.1	2.1	1.8	1.4	1.0	1.3	1.7	
G71.0	1.5	1.6	1.8	1.7	1.4	1.1	0.8	1.0	1.5	
G72.0	1.2	1.3	1.5	1.4	1.2	0.8	0.5	0.7	1.2	
G73.0	0.9	0.9	1.1	1.1	0.9	0.6	0.3	0.5	0.9	

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 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	0.7	0.7	0.8	0.9	0.6	0.3	0.1	0.3	0.7	
G75.0	0.3	0.4	0.6	0.6	0.3	0.1	0.1	0.1	0.3	
G76.0	0.1	0.1	0.3	0.3	0.1	0.0	0.0	0.1	0.1	
G77.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G78.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	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	0.0	0.0	
G96.0	0.0	0.0	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	0.0	0.0	
G98.0	0.0	0.0	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	0.0	0.0	
G100.0	0.0	0.0	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	0.0	0.0	
G102.0	0.0	0.0	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	0.0	0.0	
G104.0	0.0	0.0	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	0.0	0.0	
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G107.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Havit Lighting
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G112.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G113.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	
G114.0	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.1	
G115.0	0.1	0.2	0.2	0.2	0.0	0.1	0.1	0.1	0.1	
G116.0	0.2	0.2	0.2	0.2	0.0	0.1	0.1	0.1	0.2	
G117.0	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.1	0.2	
G118.0	0.3	0.3	0.3	0.3	0.1	0.1	0.2	0.1	0.3	
G119.0	0.4	0.3	0.4	0.4	0.1	0.2	0.2	0.2	0.4	
G120.0	0.4	0.4	0.4	0.4	0.1	0.3	0.2	0.2	0.4	
G121.0	0.4	0.4	0.5	0.4	0.1	0.3	0.3	0.2	0.4	
G122.0	0.5	0.6	0.6	0.6	0.2	0.3	0.3	0.3	0.5	
G123.0	0.6	0.6	0.6	0.6	0.2	0.3	0.4	0.3	0.6	
G124.0	0.7	0.7	0.7	0.7	0.3	0.3	0.4	0.3	0.7	
G125.0	0.8	0.7	0.8	0.8	0.3	0.4	0.4	0.4	0.8	
G126.0	0.8	0.9	0.9	0.9	0.3	0.5	0.5	0.4	0.8	
G127.0	0.9	0.9	1.0	0.9	0.4	0.5	0.6	0.5	0.9	
G128.0	1.0	1.0	1.0	1.0	0.4	0.6	0.6	0.6	1.0	
G129.0	1.1	1.1	1.1	1.1	0.6	0.6	0.7	0.6	1.1	
G130.0	1.2	1.2	1.2	1.3	0.6	0.7	0.7	0.7	1.2	
G131.0	1.3	1.3	1.4	1.4	0.6	0.7	0.7	0.7	1.3	
G132.0	1.5	1.5	1.5	1.5	0.7	0.8	0.8	0.8	1.5	
G133.0	1.6	1.6	1.6	1.6	0.7	0.9	0.9	0.9	1.6	
G134.0	1.7	1.7	1.7	1.7	0.8	0.9	0.9	0.9	1.7	
G135.0	1.8	1.8	1.8	1.8	0.9	1.0	1.0	1.0	1.8	
G136.0	1.9	1.9	2.0	2.0	0.9	1.0	1.1	1.1	1.9	
G137.0	2.0	2.0	2.0	2.1	0.9	1.1	1.1	1.1	2.0	
G138.0	2.2	2.1	2.1	2.2	1.1	1.2	1.2	1.2	2.2	
G139.0	2.3	2.2	2.3	2.3	1.1	1.3	1.3	1.2	2.3	
G140.0	2.4	2.4	2.4	2.4	1.2	1.3	1.3	1.3	2.4	
G141.0	2.5	2.5	2.5	2.6	1.3	1.4	1.4	1.4	2.5	
G142.0	2.6	2.5	2.6	2.6	1.3	1.5	1.5	1.5	2.6	
G143.0	2.7	2.7	2.7	2.8	1.4	1.5	1.6	1.5	2.7	
G144.0	2.8	2.8	2.8	2.9	1.4	1.6	1.7	1.6	2.8	
G145.0	3.0	2.9	3.0	3.0	1.6	1.7	1.7	1.7	3.0	
G146.0	3.0	3.0	3.0	3.1	1.7	1.8	1.8	1.8	3.0	
G147.0	3.2	3.1	3.2	3.2	1.7	1.8	1.9	1.9	3.2	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Havit Lighting
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	3.3	3.2	3.3	3.3	1.8	2.0	2.0	2.0	3.3	
G149.0	3.3	3.3	3.4	3.4	1.9	2.0	2.0	2.0	3.3	
G150.0	3.4	3.4	3.5	3.5	2.0	2.1	2.1	2.1	3.4	
G151.0	3.5	3.5	3.6	3.6	2.1	2.1	2.2	2.2	3.5	
G152.0	3.5	3.6	3.7	3.7	2.1	2.2	2.3	2.3	3.5	
G153.0	3.7	3.6	3.8	3.8	2.2	2.3	2.4	2.3	3.7	
G154.0	3.8	3.8	3.9	3.9	2.3	2.5	2.5	2.4	3.8	
G155.0	3.8	3.9	4.0	3.9	2.4	2.5	2.6	2.5	3.8	
G156.0	3.9	4.0	4.0	4.0	2.5	2.6	2.7	2.6	3.9	
G157.0	4.0	4.0	4.1	4.1	2.6	2.7	2.8	2.7	4.0	
G158.0	4.1	4.1	4.2	4.2	2.7	2.8	2.9	2.8	4.1	
G159.0	4.2	4.1	4.3	4.3	2.8	2.9	3.0	2.9	4.2	
G160.0	4.2	4.2	4.3	4.3	2.9	3.0	3.1	3.0	4.2	
G161.0	4.3	4.3	4.4	4.4	3.0	3.1	3.2	3.1	4.3	
G162.0	4.3	4.3	4.5	4.5	3.2	3.3	3.3	3.3	4.3	
G163.0	4.4	4.4	4.5	4.5	3.3	3.4	3.5	3.4	4.4	
G164.0	4.5	4.4	4.6	4.6	3.4	3.5	3.6	3.5	4.5	
G165.0	4.5	4.5	4.7	4.7	3.5	3.7	3.8	3.6	4.5	
G166.0	4.6	4.6	4.7	4.7	3.7	3.8	3.9	3.8	4.6	
G167.0	4.6	4.7	4.8	4.8	3.8	3.9	4.0	3.9	4.6	
G168.0	4.7	4.7	4.8	4.8	4.0	4.0	4.2	4.1	4.7	
G169.0	4.7	4.8	4.9	4.9	4.0	4.2	4.3	4.2	4.7	
G170.0	4.8	4.8	4.9	4.9	4.2	4.3	4.4	4.3	4.8	
G171.0	4.8	4.8	5.0	4.9	4.3	4.4	4.5	4.4	4.8	
G172.0	4.8	4.9	5.0	5.0	4.4	4.5	4.6	4.4	4.8	
G173.0	4.9	4.9	5.1	5.0	4.4	4.6	4.7	4.6	4.9	
G174.0	4.9	5.0	5.1	5.1	4.6	4.7	4.8	4.6	4.9	
G175.0	4.9	5.0	5.1	5.1	4.7	4.8	4.8	4.8	4.9	
G176.0	5.0	5.0	5.1	5.1	4.7	4.8	4.9	4.9	5.0	
G177.0	5.0	5.0	5.1	5.1	4.8	4.9	4.9	4.9	5.0	
G178.0	5.0	5.0	5.1	5.1	4.8	5.0	5.0	5.0	5.0	
G179.0	5.0	5.0	5.1	5.1	4.9	5.0	5.0	5.0	5.0	
G180.0	4.9	5.0	5.1	5.0	4.9	5.1	5.0	5.0	4.9	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Havit Lighting
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.970 m
 Humidity: 55
 Inspector: