



Report No.:

Test Time: 2016-07-21 19:43

Luminaire Property

Luminaire Manufacturer:

Voltage: 220.5V

Power: 19.4W

Current: 0.090A

Power Factor: 0.956

Photometric Results

CIE Class: Direct

Measurement Flux: 1948.1 lm

Downward Ratio: 100%

Field Angle: H57.3 V57.0

Luminaire Efficacy Rating (LER): 100

Max. Intensity: 6026.44 cd

Total Rated Lamp Lumens: 1948.1 lm

Efficiency: 100%

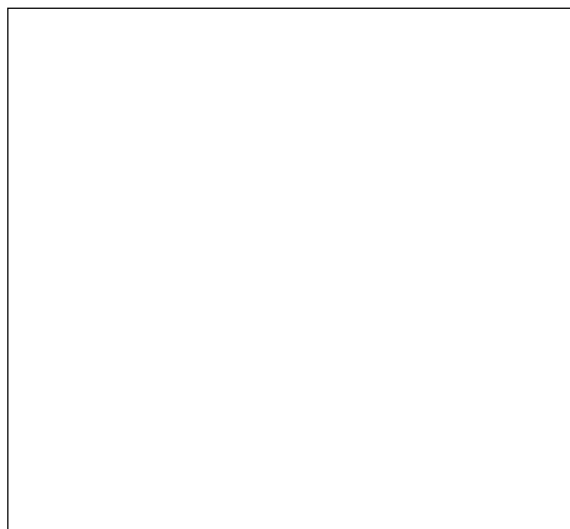
Upward Ratio: 0%

Beam Angle: H24.8 V24.9

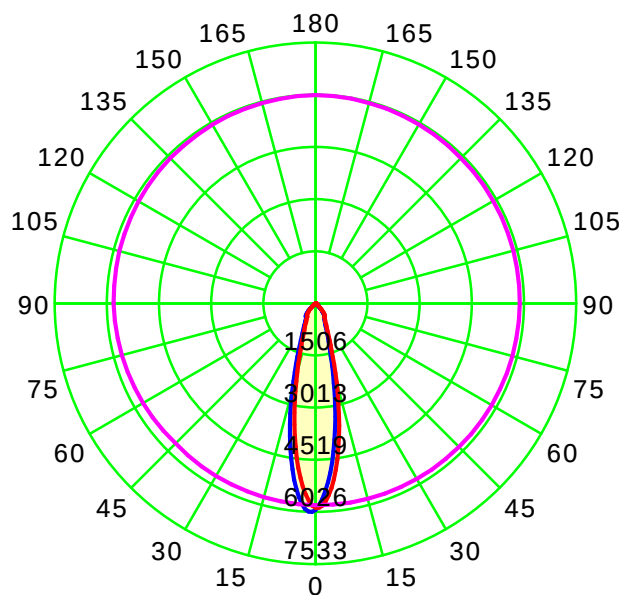
Central Intensity: 5963.58 cd

Pos of Max. Intensity: H180 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

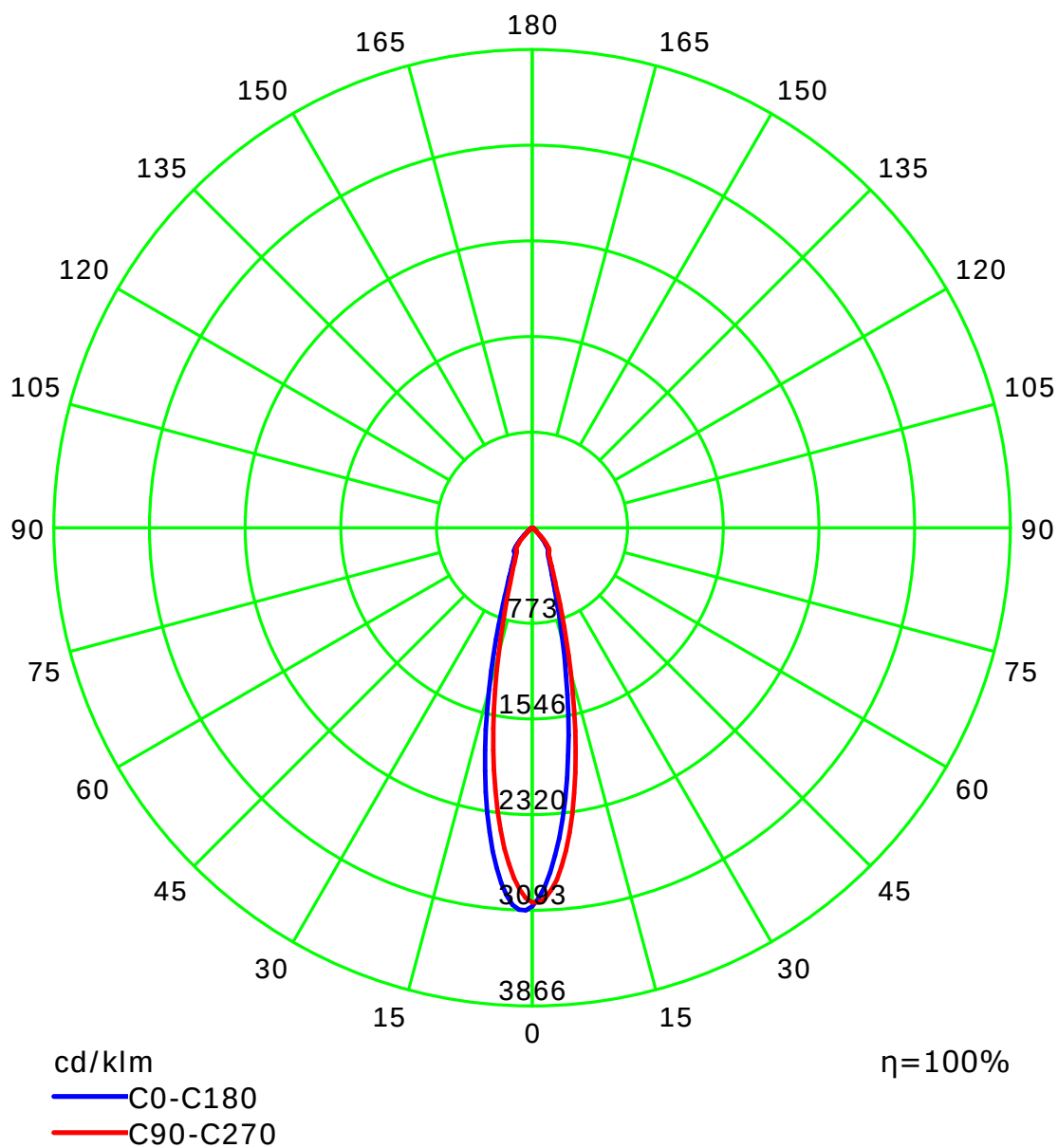
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd / klm)



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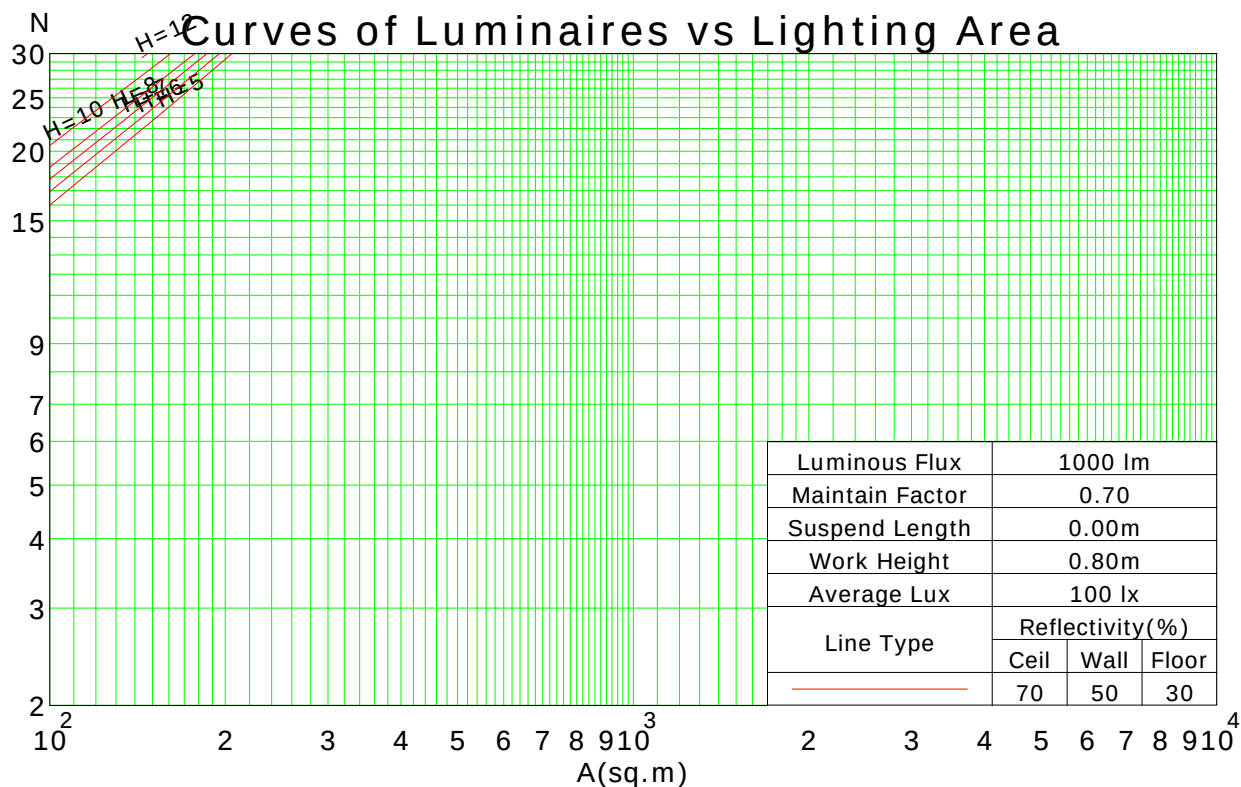
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89
3	104	98	93	90	102	97	92	89	94	90	88	92	89	86	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	81	78	76	74
6	91	83	77	73	89	82	77	73	80	76	73	79	75	72	78	74	72	70
7	87	79	73	69	86	78	73	69	77	72	69	76	72	68	75	71	68	67
8	84	75	70	66	82	74	69	66	73	69	65	72	68	65	72	68	65	64
9	80	72	66	63	79	71	66	63	70	66	63	70	65	62	69	65	62	61
10	77	69	64	60	76	68	63	60	68	63	60	67	63	60	66	62	60	58

Spacing Criteria (0-180): 0.42

Spacing Criteria (90-270): 0.42

Spacing Criteria (Diagonal): 0.44



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Temperature:

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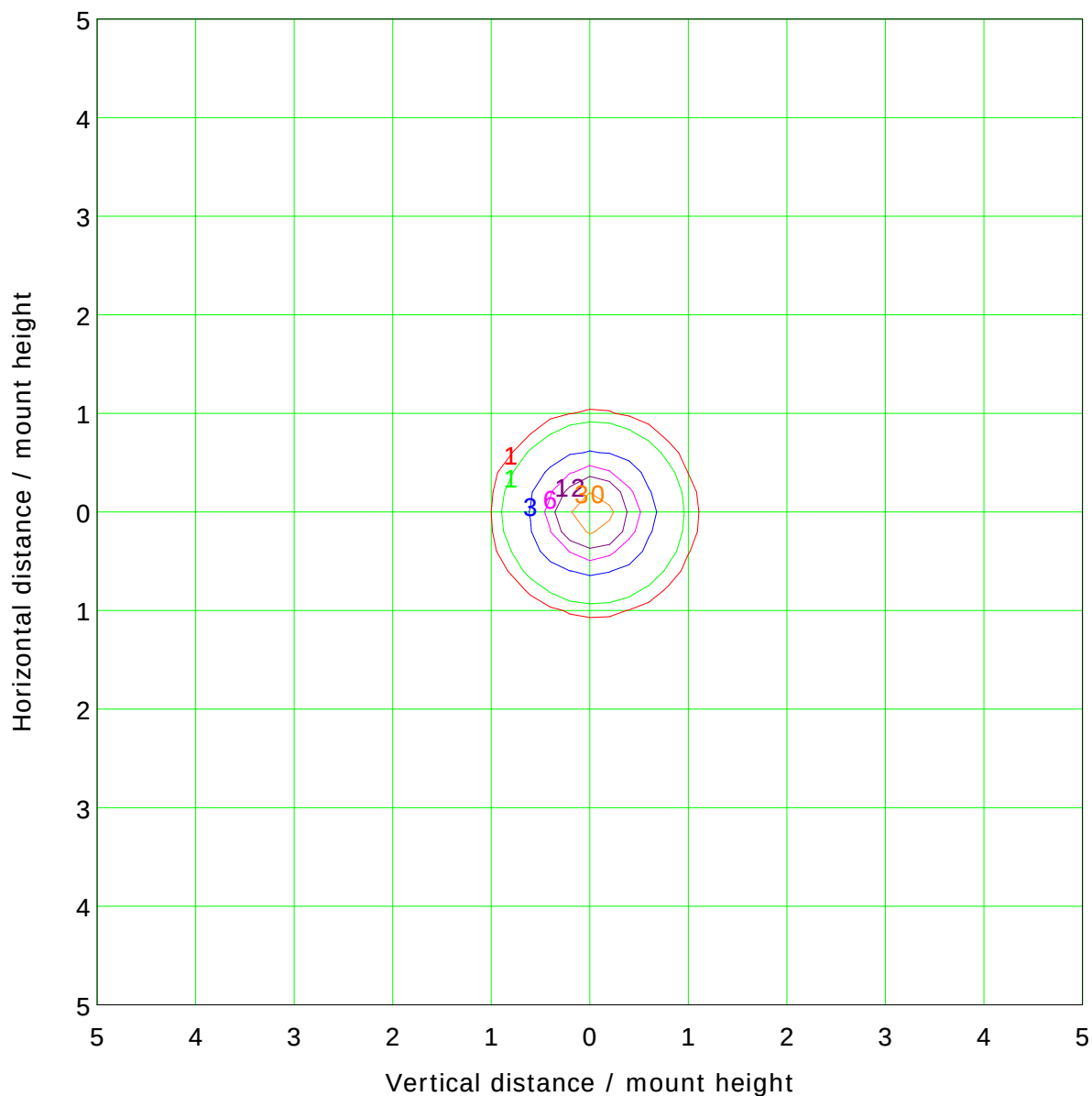
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 60.2 lx
 (1%): 0.6 lx (2%): 1.2 lx
 (5%): 3.0 lx (10%): 6.0 lx
 (20%): 12.0 lx (50%): 30.1 lx
 (100%): 60.2 lx

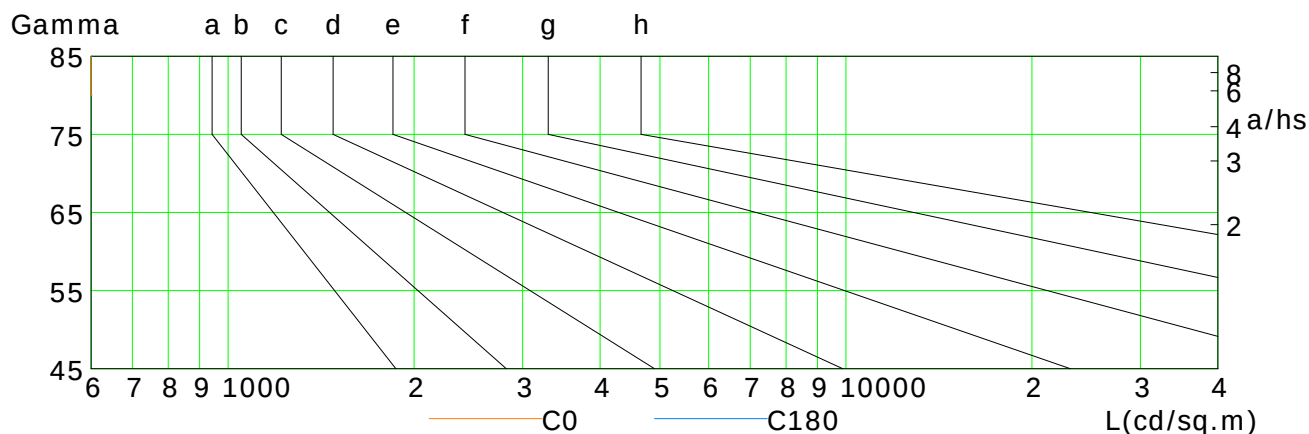
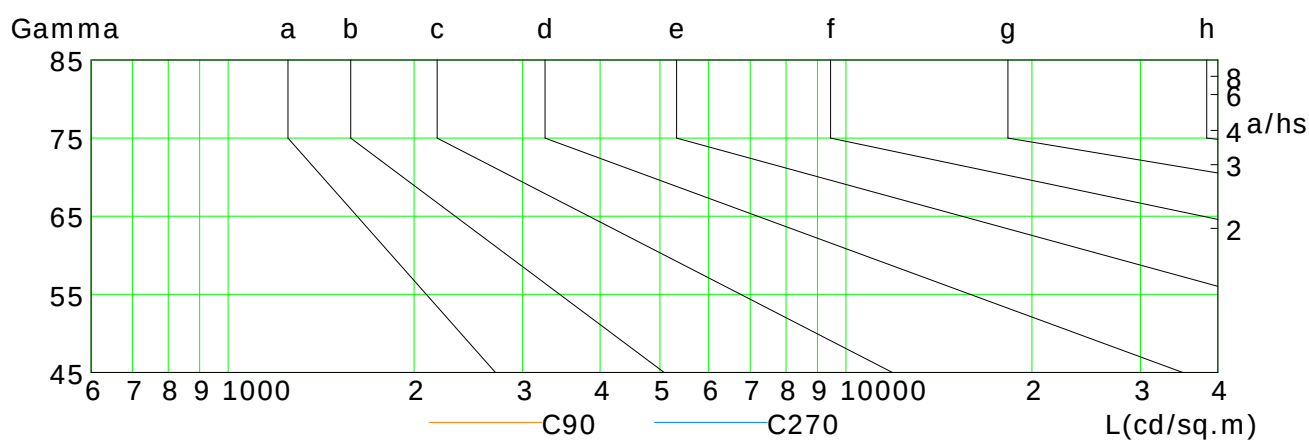
C Plane (°):0.0-360.0: 45.0
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Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
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 Humidity:
 Inspector:

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

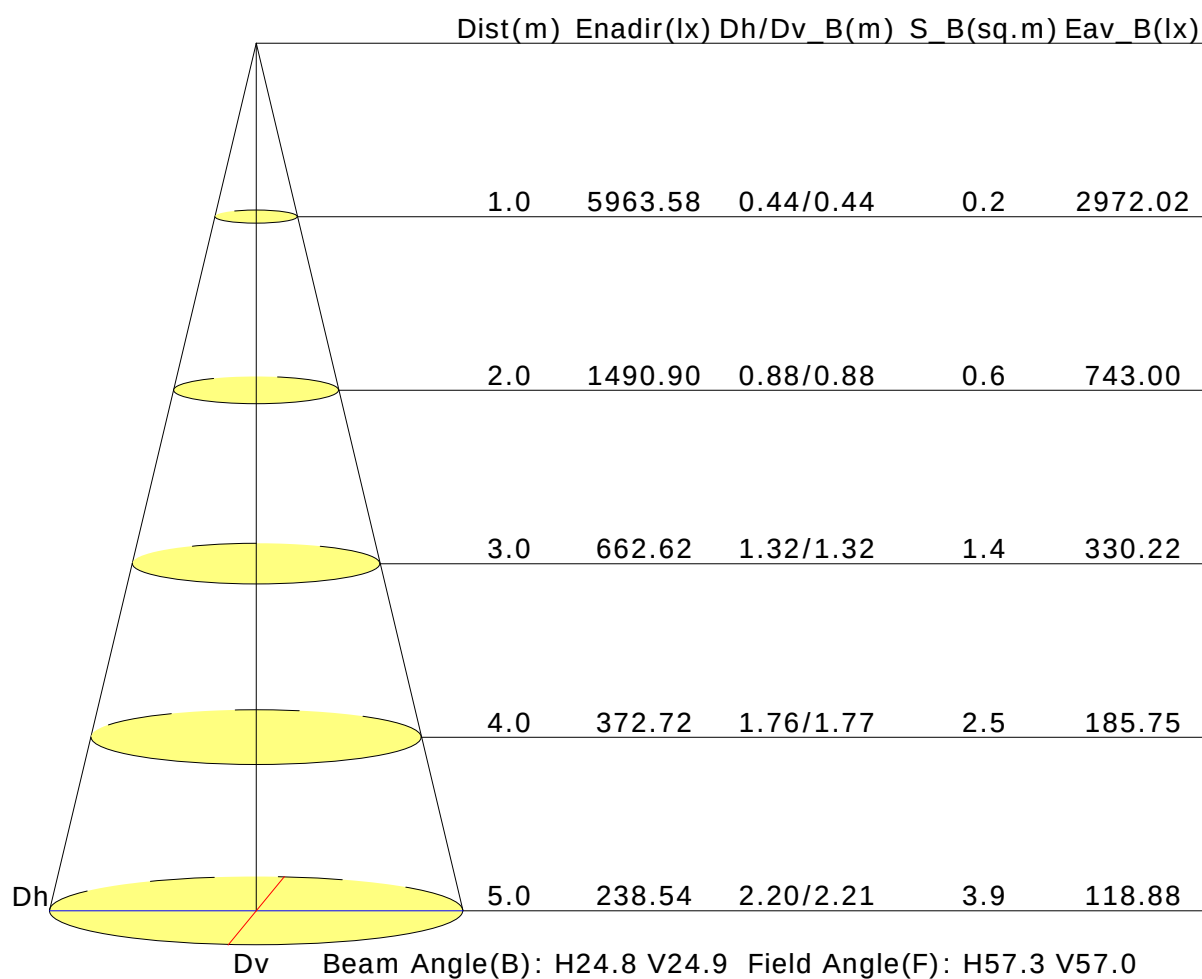


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	167	84	37	10	6	4	2	0	0
C90	225	102	52	18	8	5	3	1	0
C180	273	118	62	23	9	6	4	2	0
C270	196	92	43	14	8	6	3	0	0

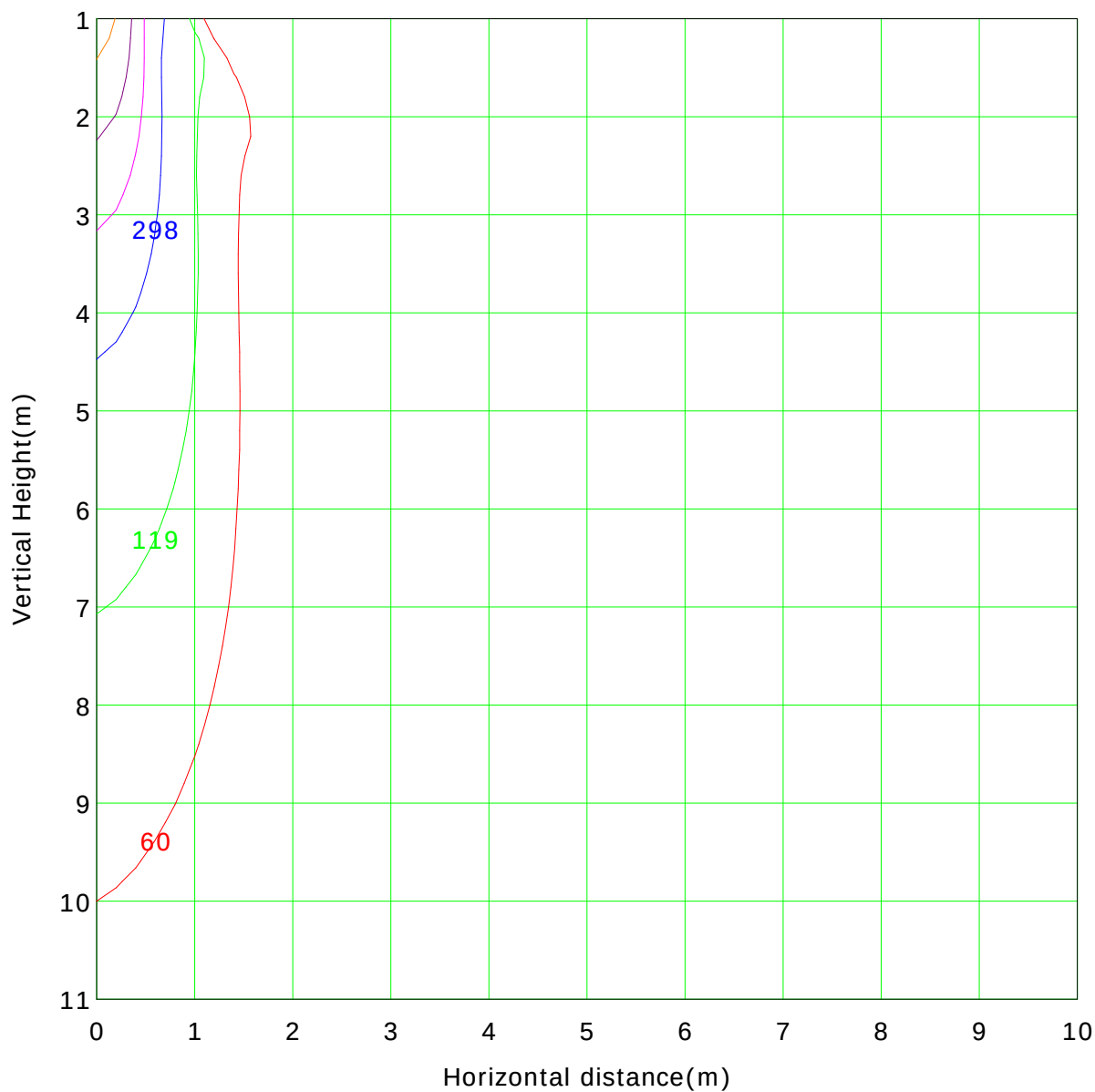
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Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
 Distance: 7.517 m
 Humidity:
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



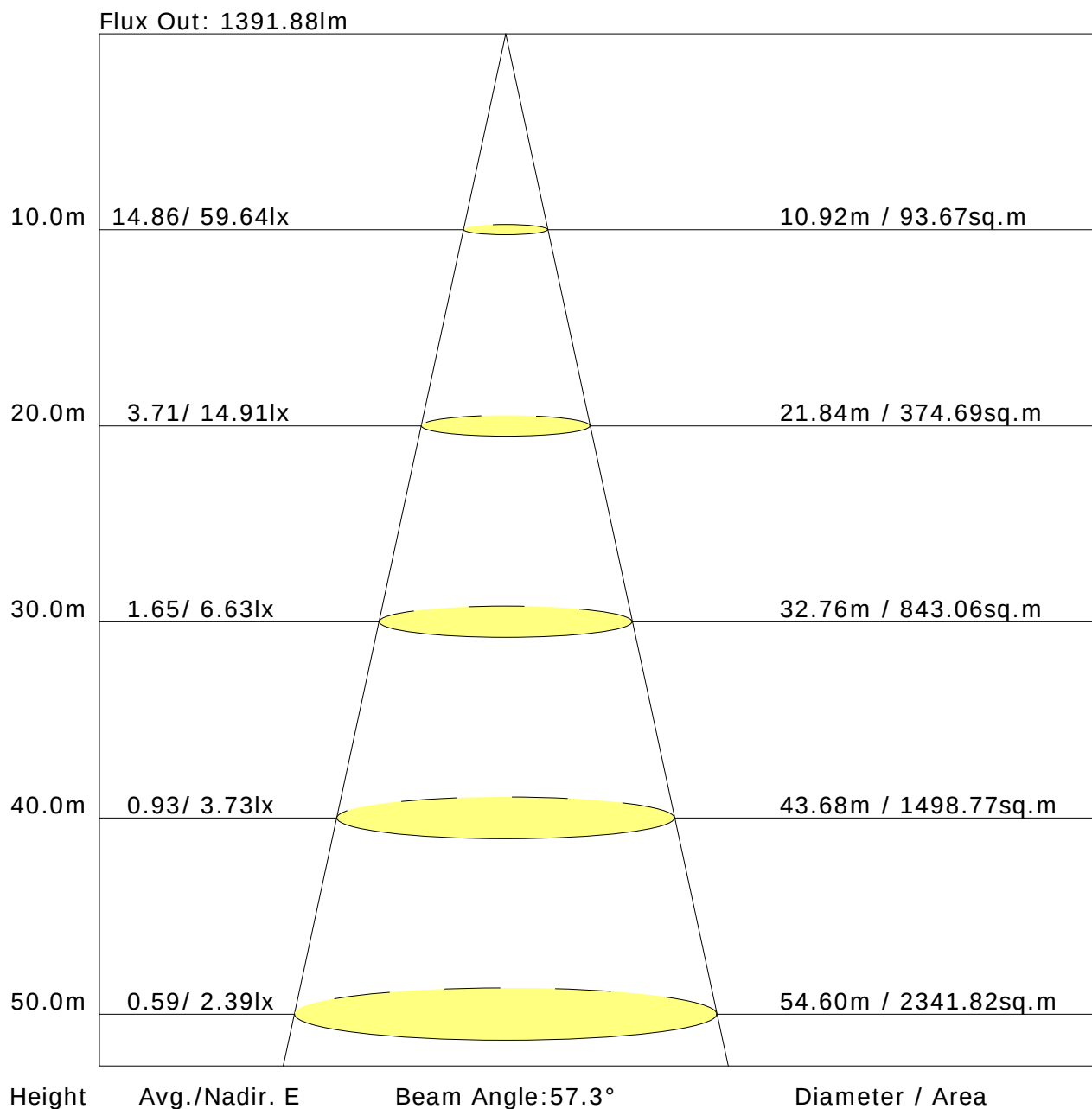
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 5963.6 lx

(1%): 59.6 lx	(2%): 119.3 lx
(5%): 298.2 lx	(10%): 596.4 lx
(20%): 1192.7 lx	(50%): 2981.8 lx
(100%): 5963.6 lx	

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Test Device: GPM-1600
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The Average Illuminance Effective Figure



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