

Report No.:

Test Time: 2016-07-20 09:10

Luminaire Property

Luminaire Manufacturer:

Voltage: 220.3V

Power: 19W

Current: 0.089A

Power Factor: 0.955

Photometric Results

CIE Class: Direct

Measurement Flux: 2138.8 lm

Downward Ratio: 100%

Field Angle: H85.1 V84.8

Luminaire Efficacy Rating (LER): 113

Max. Intensity: 3412.68 cd

Total Rated Lamp Lumens: 2138.8 lm

Efficiency: 100%

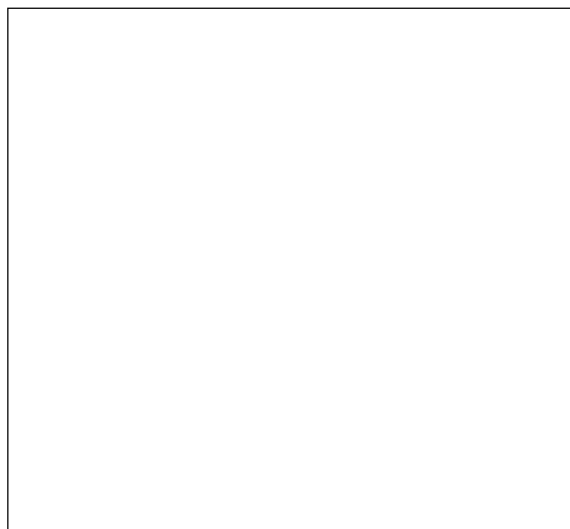
Upward Ratio: 0%

Beam Angle: H41.9 V41.9

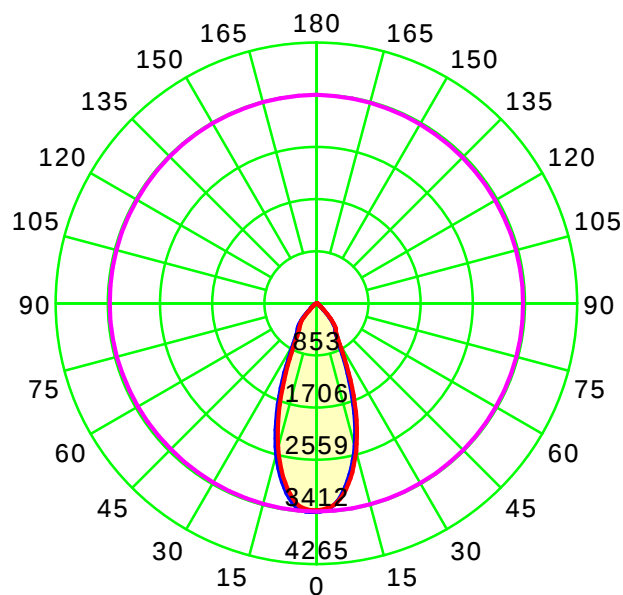
Central Intensity: 3410.93 cd

Pos of Max. Intensity: H180 V1

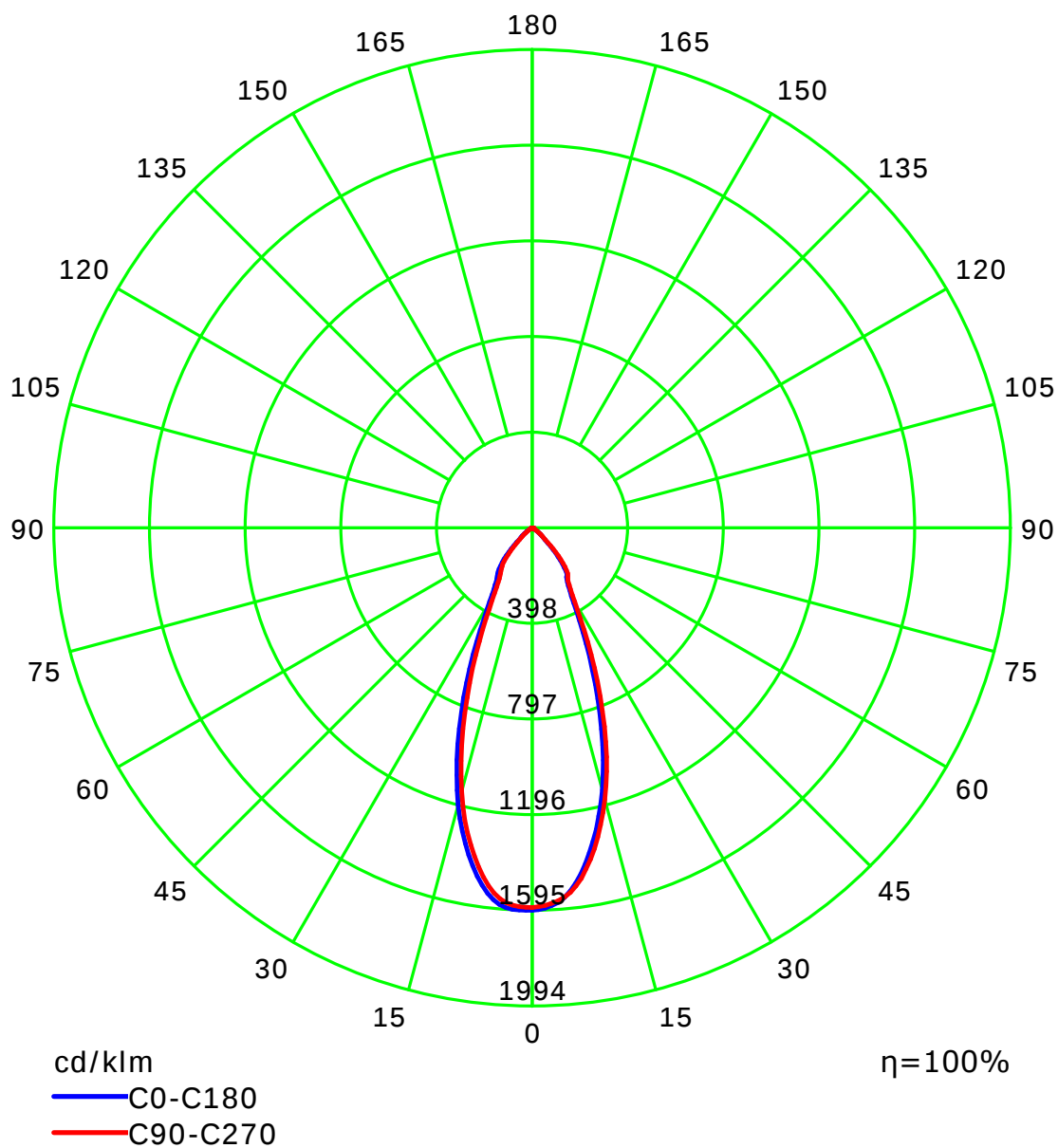
Picture Of Luminaire



Luminous Intensity Distribution Curve



Luminous Intensity Distribution Curve(cd / klm)



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:

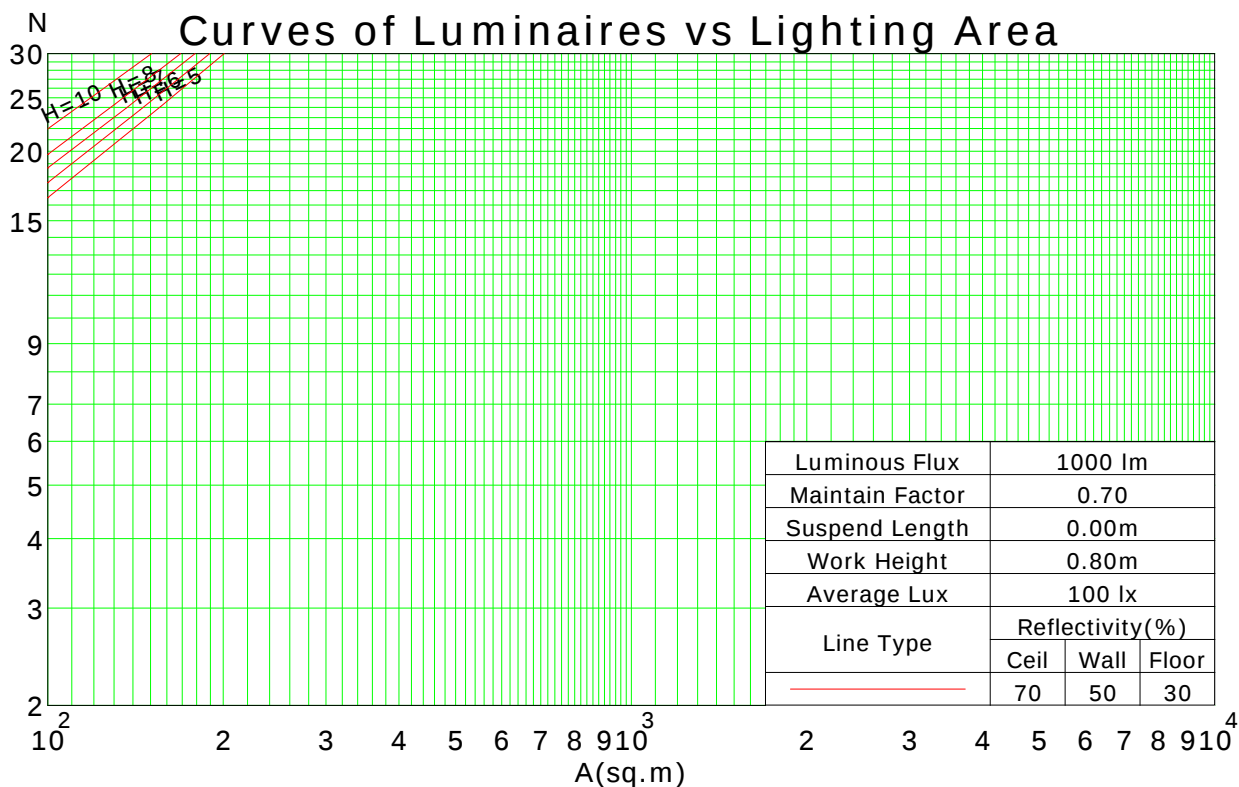
Coefficients Of Utilization - Zonal Cavity Method

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	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	91	89	87
3	103	96	91	87	101	95	90	87	92	89	85	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	79	75	72	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63
8	80	71	65	61	79	71	65	61	70	65	61	69	64	61	68	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56
10	74	64	59	55	73	64	58	55	63	58	55	62	58	54	61	57	54	53

Spacing Criteria (0-180): 0.68

Spacing Criteria (90-270): 0.68

Spacing Criteria (Diagonal): 0.67



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Temperature:

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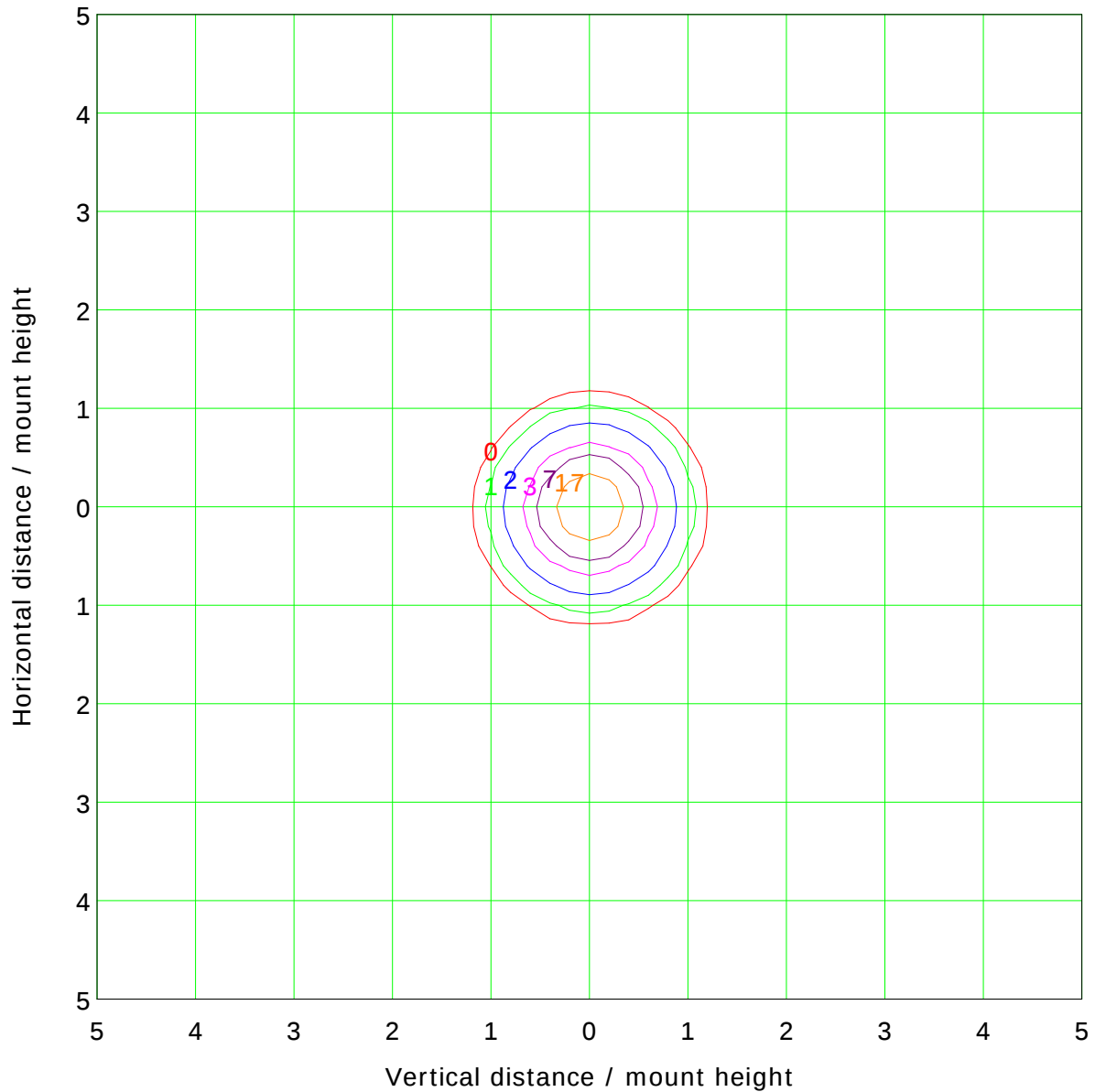
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 34.1 lx
 (1%): 0.3 lx (2%): 0.7 lx
 (5%): 1.7 lx (10%): 3.4 lx
 (20%): 6.8 lx (50%): 17.1 lx
 (100%): 34.1 lx

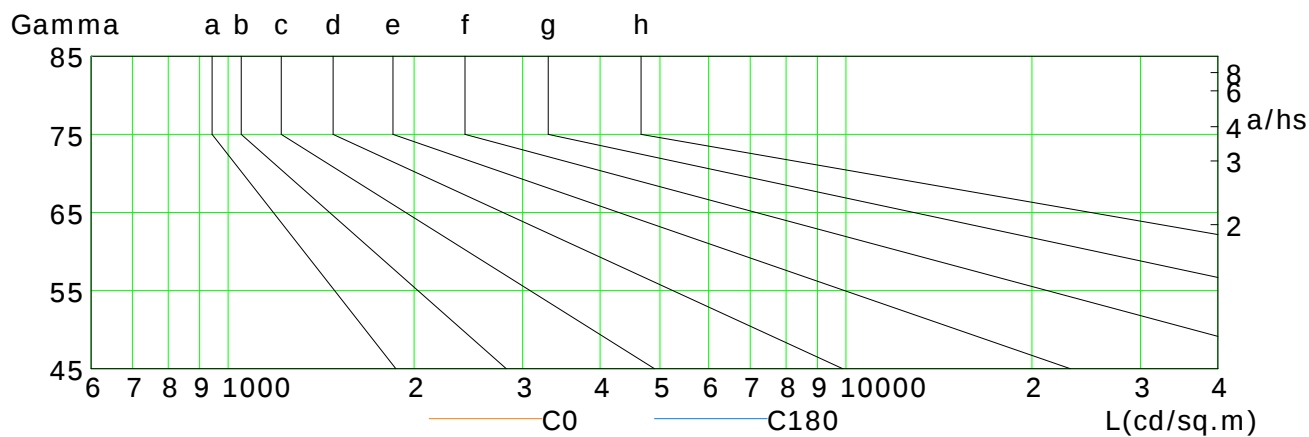
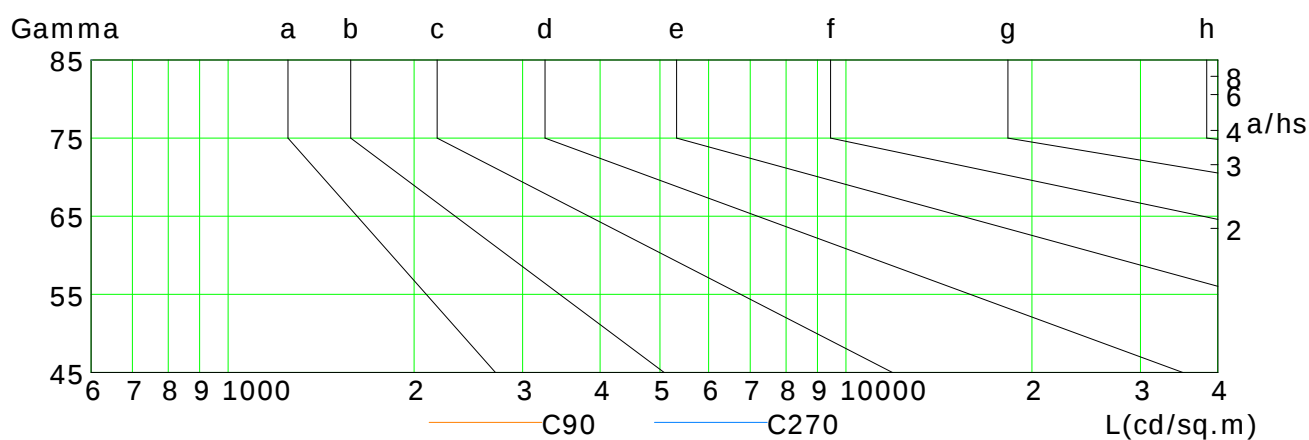
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Lum Limit Curve

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

a b c d e f g h

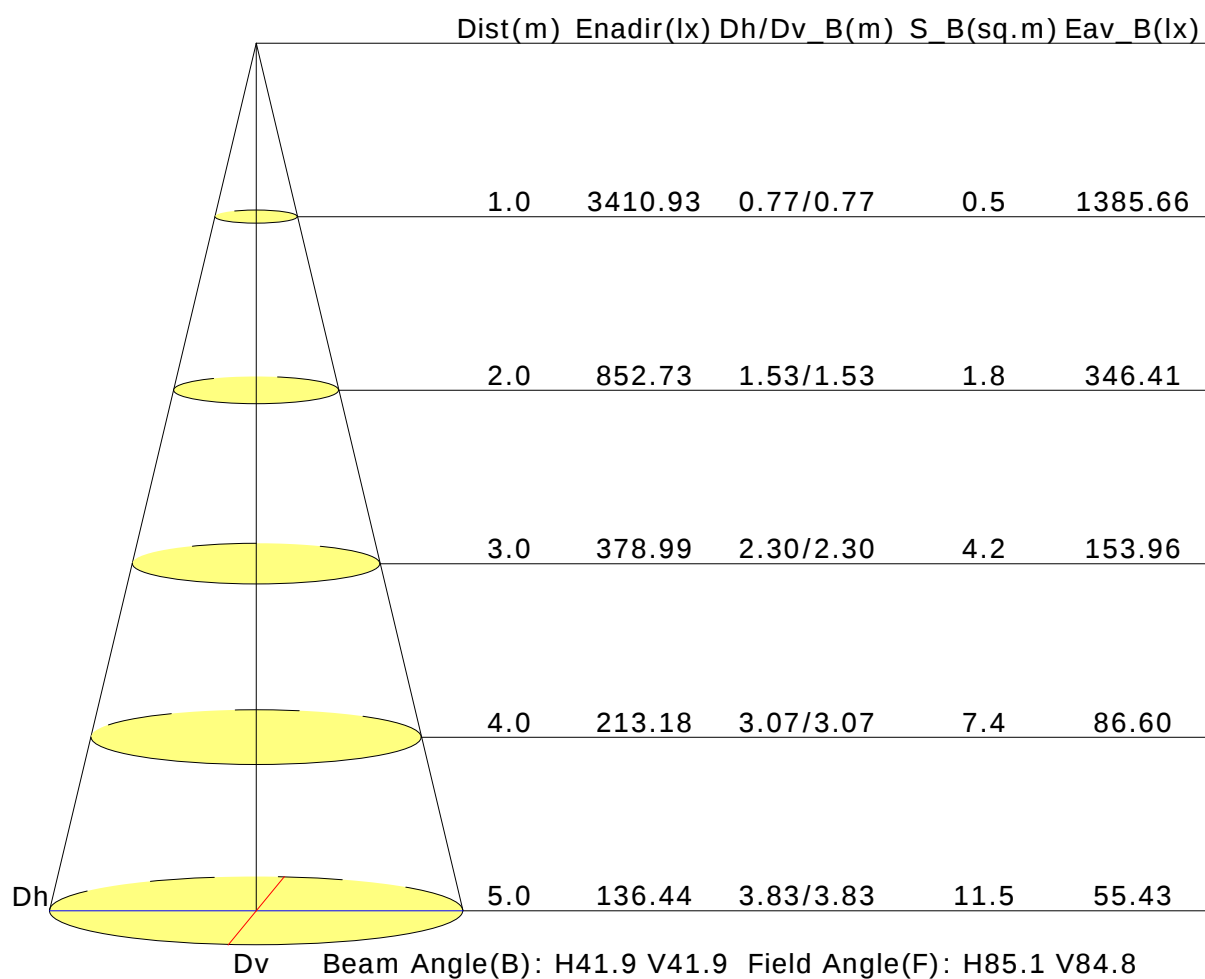


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	234	115	58	21	11	7	4	2	0
C90	265	120	65	27	12	8	5	2	0
C180	266	129	66	25	13	9	6	4	0
C270	215	111	53	18	10	6	4	1	0

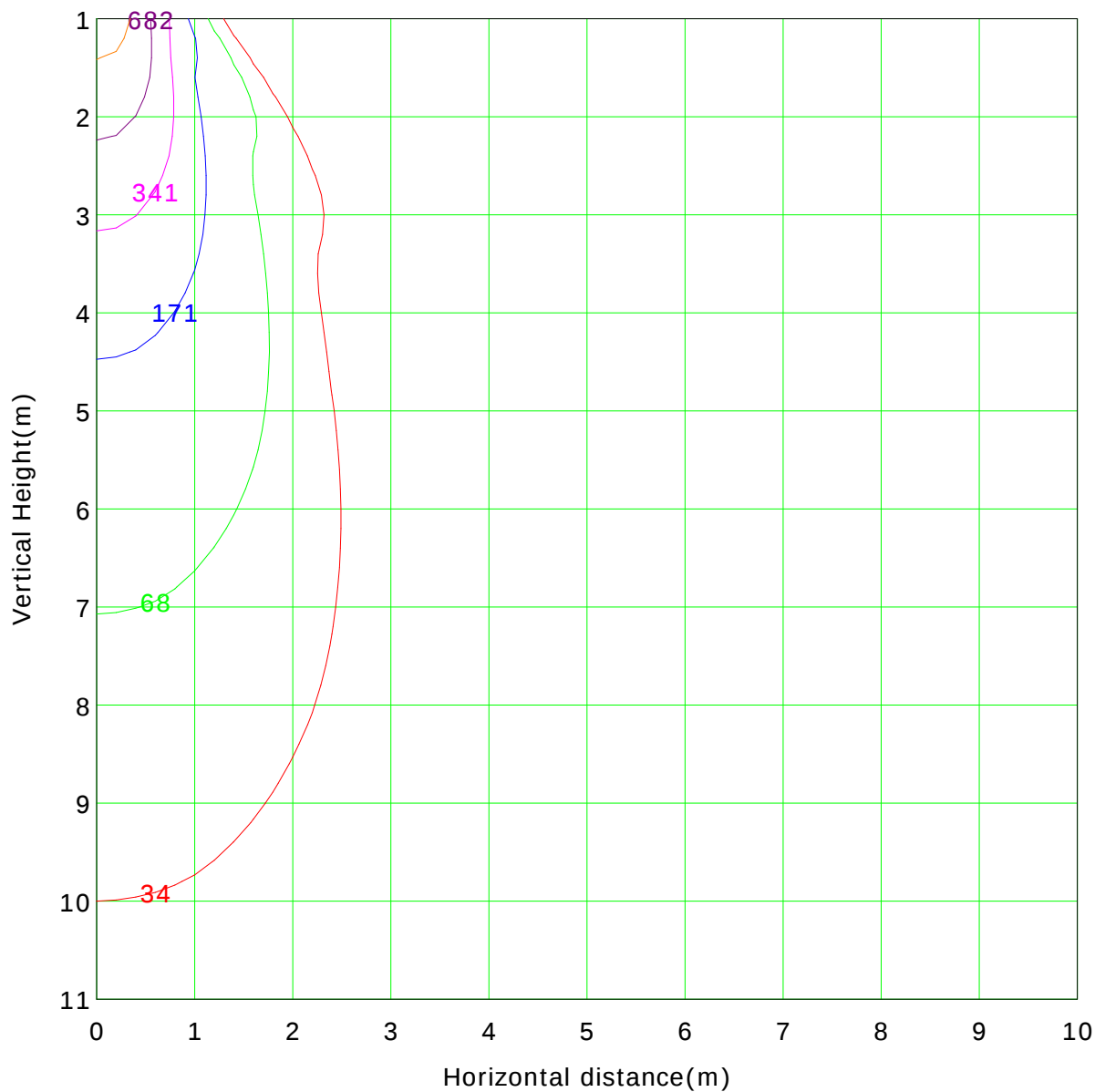
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 Test Device: GPM-1600
 Distance: 7.517 m
 Humidity:
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



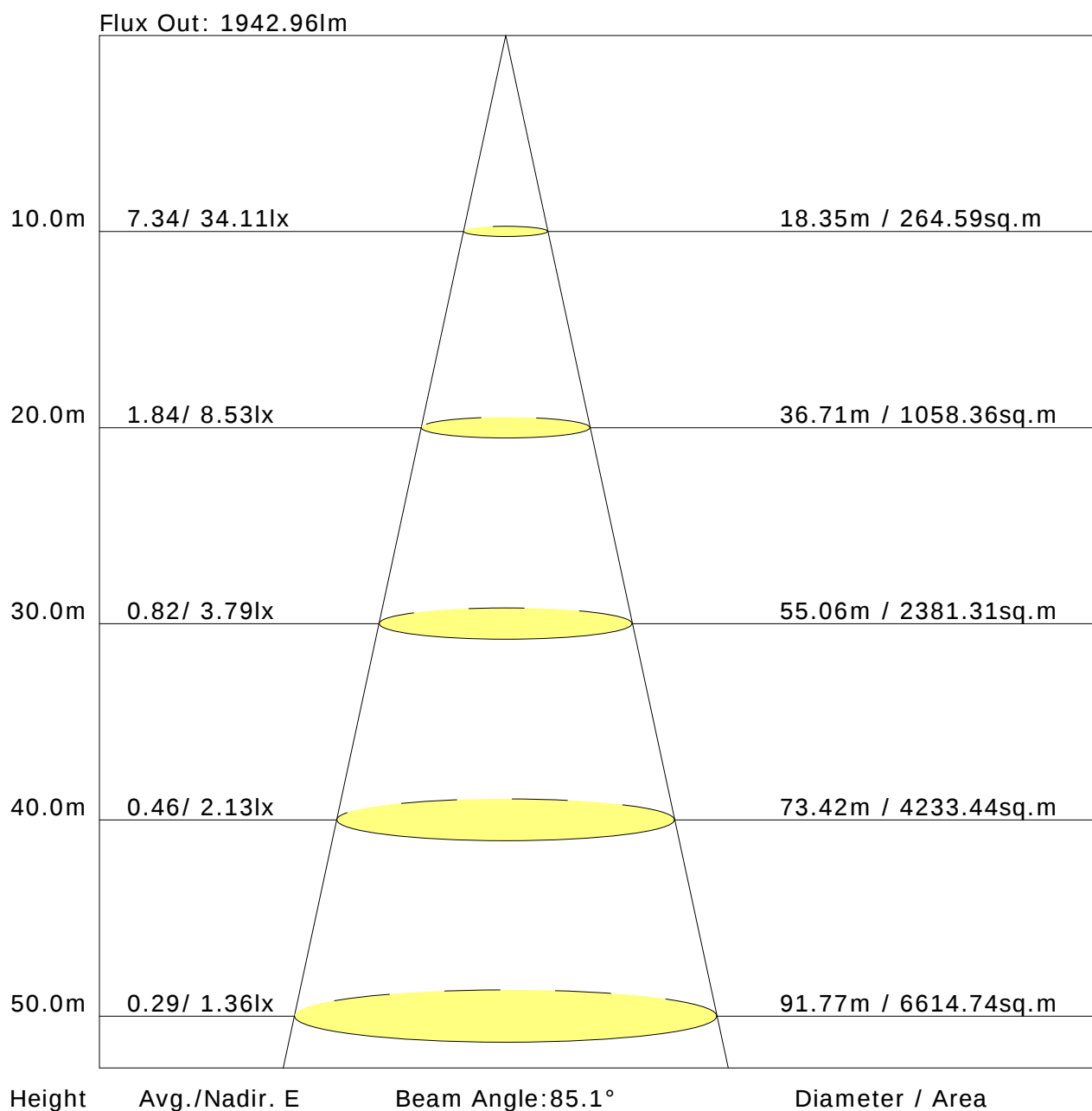
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3410.9 lx

(1%): 34.1 lx	(2%): 68.2 lx
(5%): 170.5 lx	(10%): 341.1 lx
(20%): 682.2 lx	(50%): 1705.5 lx
(100%): 3410.9 lx	

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The Average Illuminance Effective Figure



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