

Report No.:

Test Time: 2016-07-20 14:50

Luminaire Property

Luminaire Manufacturer:

Voltage: 220.3V

Power: 29.3W

Current: 0.138A

Power Factor: 0.960

Photometric Results

CIE Class: Direct

Measurement Flux: 3295.2 lm

Downward Ratio: 100%

Field Angle: H86.3 V86.3

Luminaire Efficacy Rating (LER): 112

Max. Intensity: 4190.23 cd

Total Rated Lamp Lumens: 3295.2 lm

Efficiency: 100%

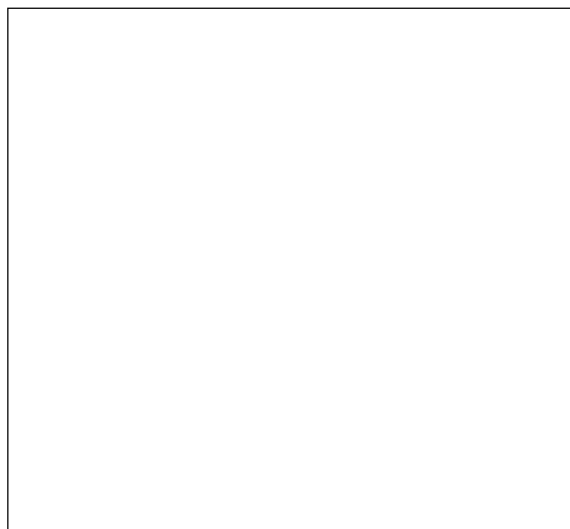
Upward Ratio: 0%

Beam Angle: H48.5 V48.7

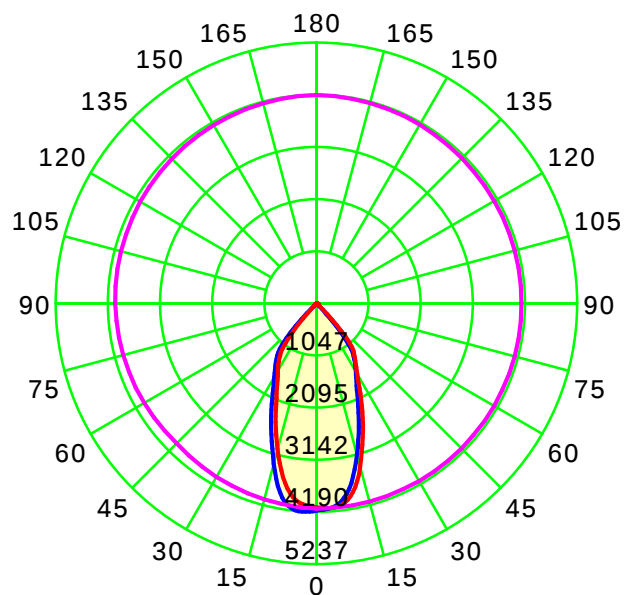
Central Intensity: 4162.9 cd

Pos of Max. Intensity: H180 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G4

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

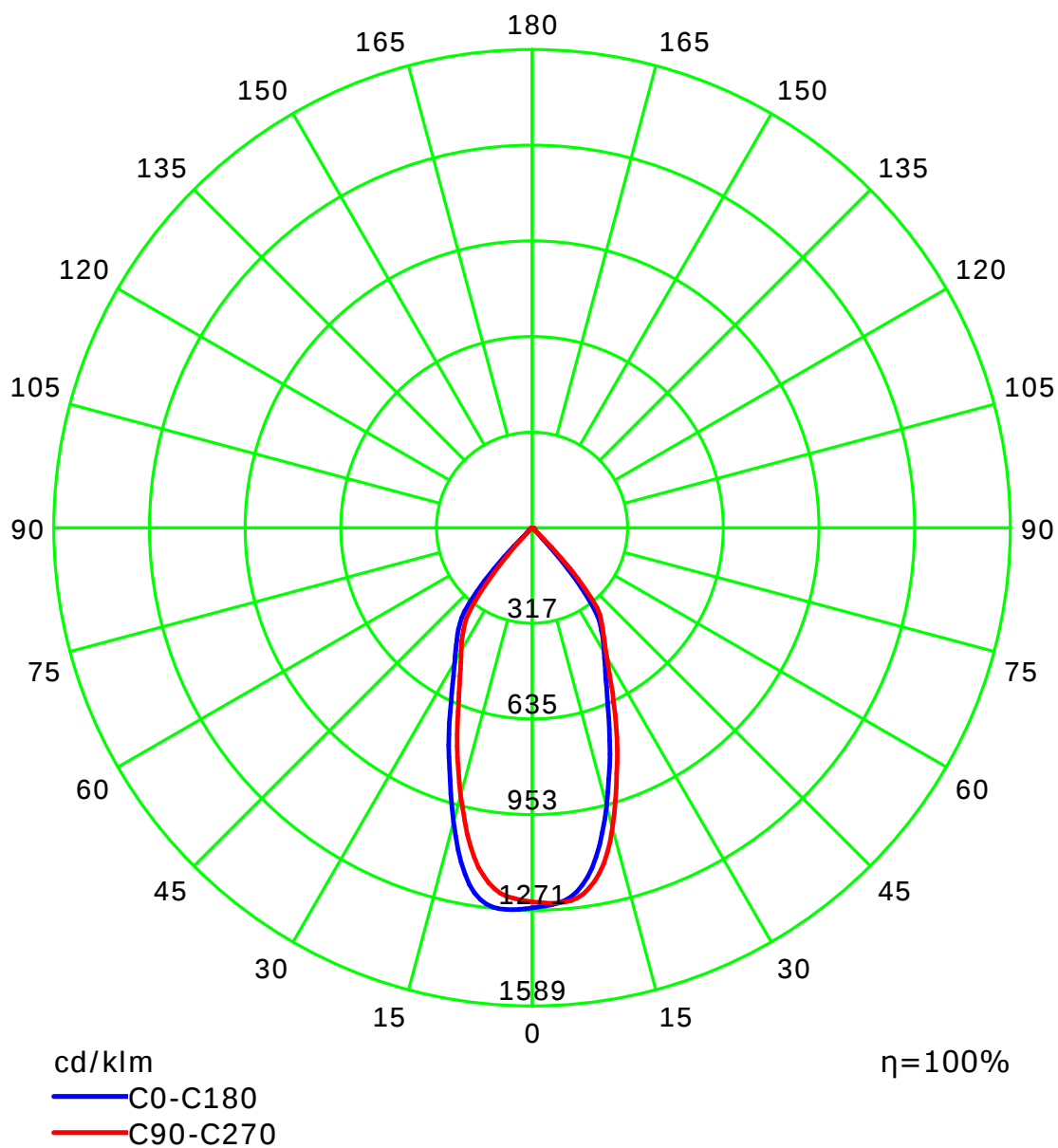
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 45.0
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Distance: 7.517 m
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Inspector:

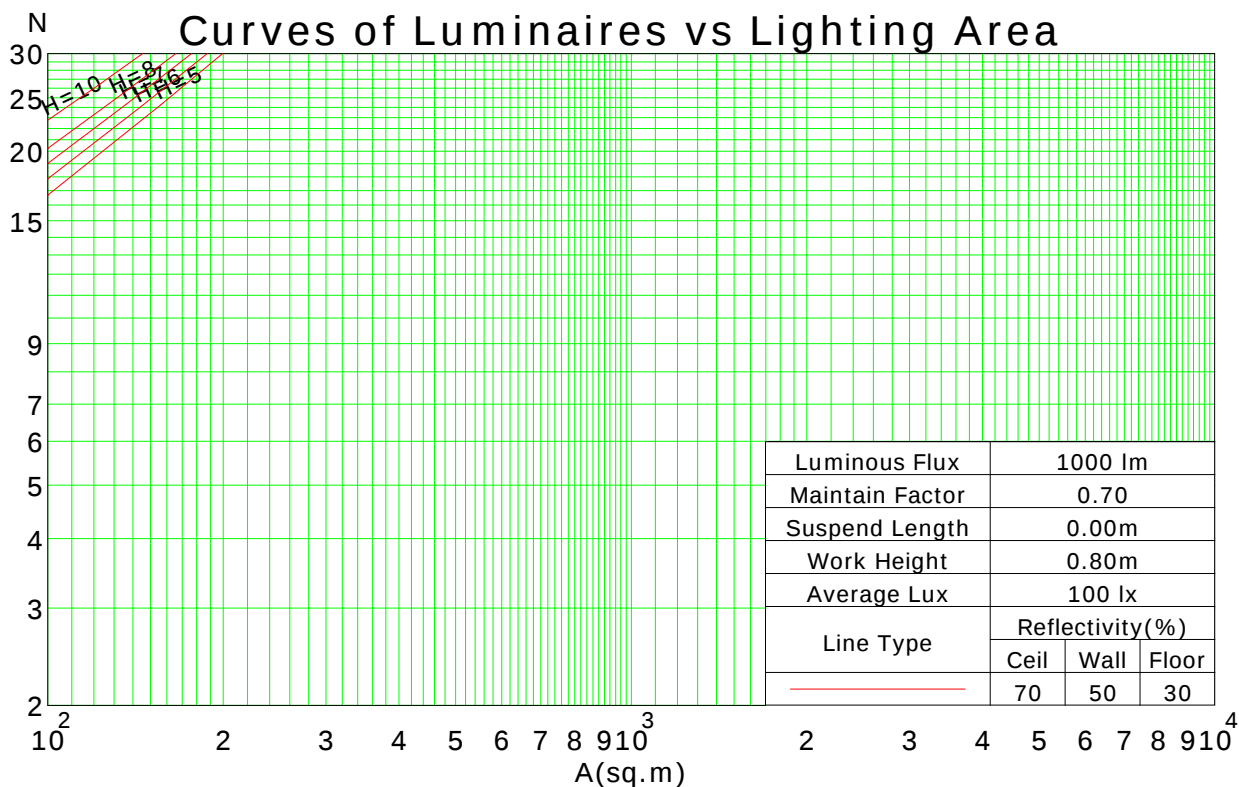
Coefficients Of Utilization - Zonal Cavity Method

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	113	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	87	79	72	68	86	78	72	68	76	71	67	75	70	67	73	70	67	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61
8	79	69	63	59	78	69	63	59	68	63	59	67	62	59	66	62	58	57
9	75	66	60	56	74	65	59	55	64	59	55	63	58	55	62	58	55	54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	50

Spacing Criteria (0-180): 0.74

Spacing Criteria (90-270): 0.75

Spacing Criteria (Diagonal): 0.82



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Temperature:

Operator:

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Test Device: GPM-1600

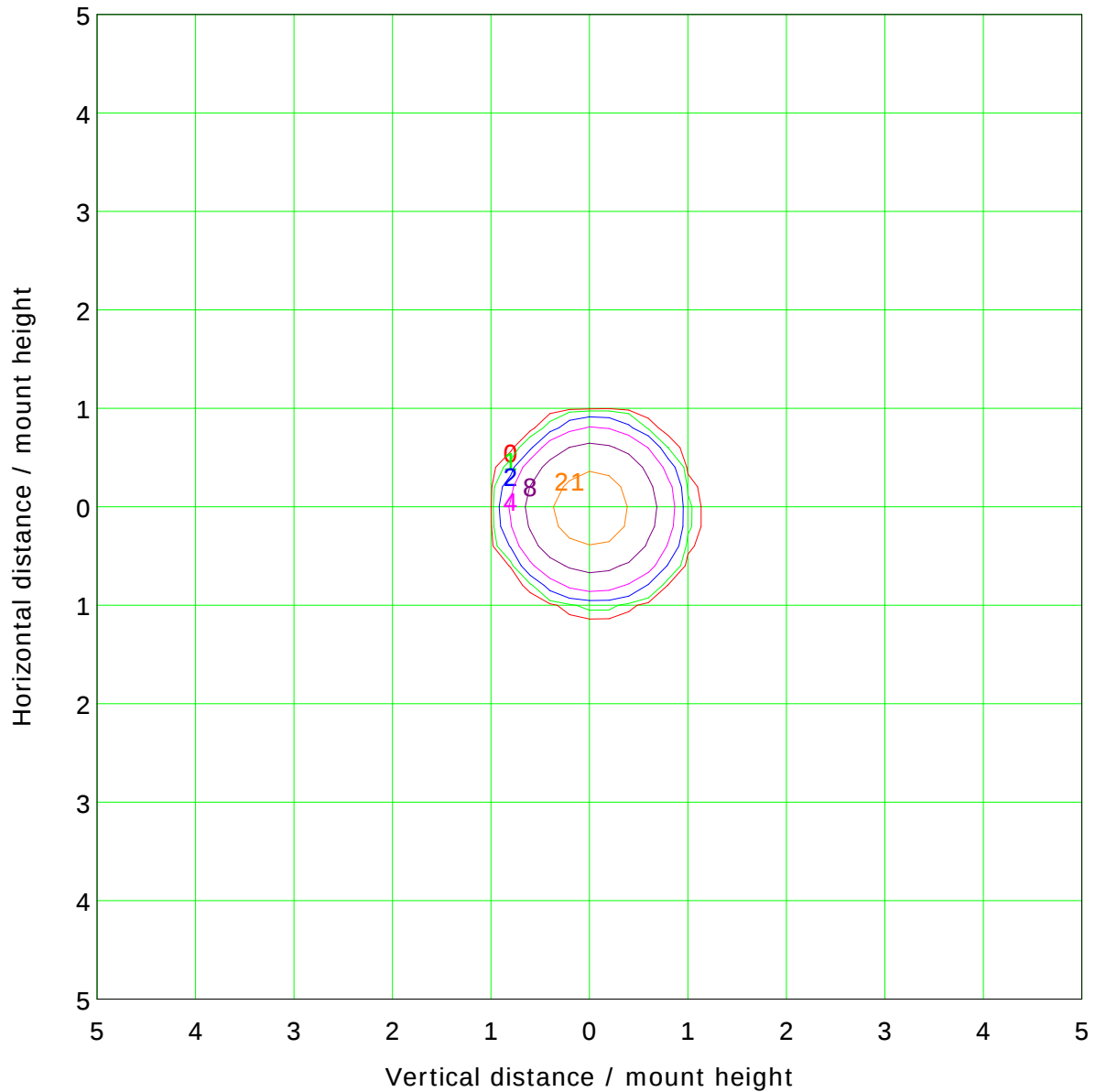
Distance: 7.517 m

Humidity:

Inspector:



IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 41.7 lx

(1%): 0.4 lx	(2%): 0.8 lx
(5%): 2.1 lx	(10%): 4.2 lx
(20%): 8.3 lx	(50%): 20.9 lx
(100%): 41.7 lx	

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

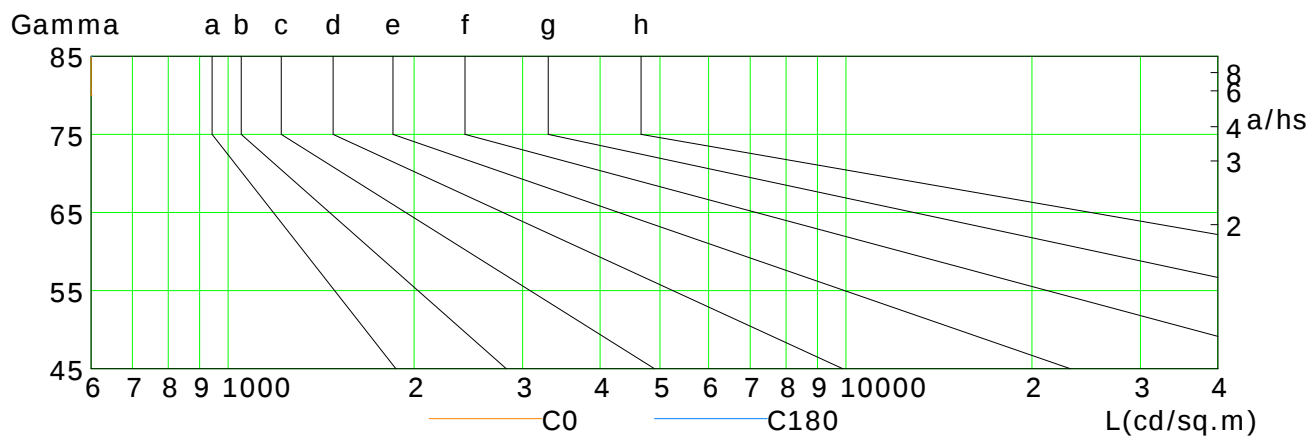
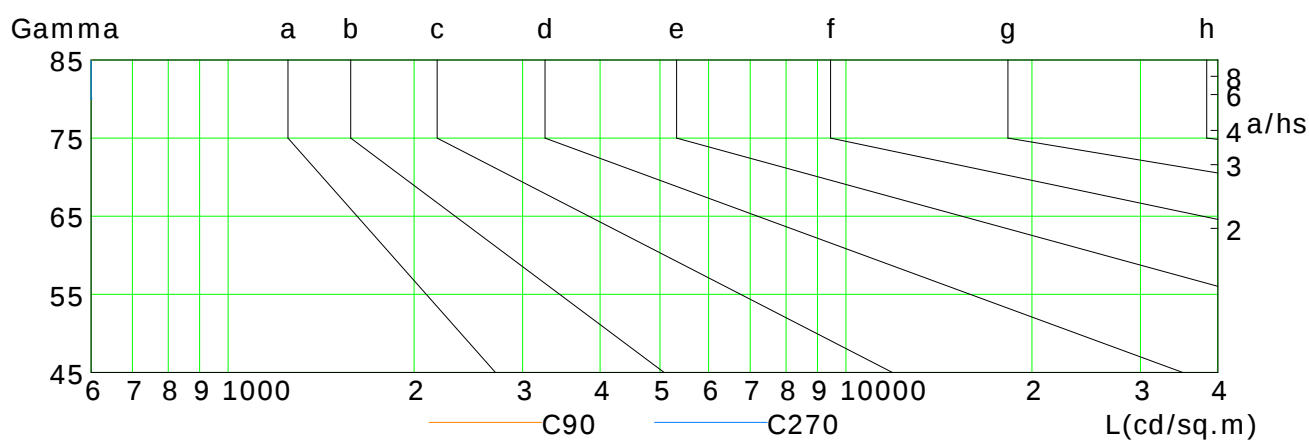
Humidity:

Inspector:

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

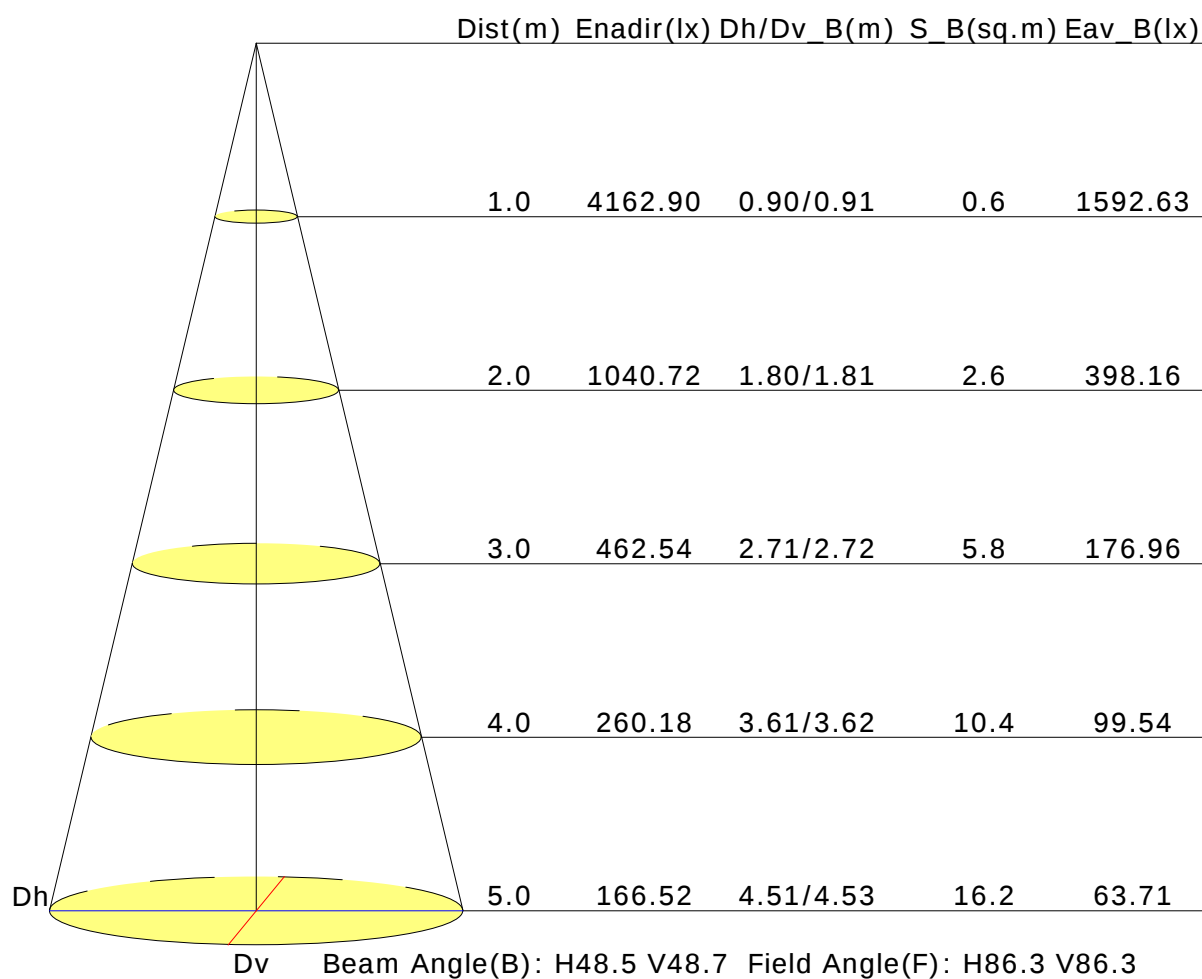


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	90	42	27	17	10	5	2	0	0
C90	309	49	32	20	12	6	3	0	0
C180	289	52	32	20	12	6	3	0	0
C270	79	39	24	15	8	4	1	0	0

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

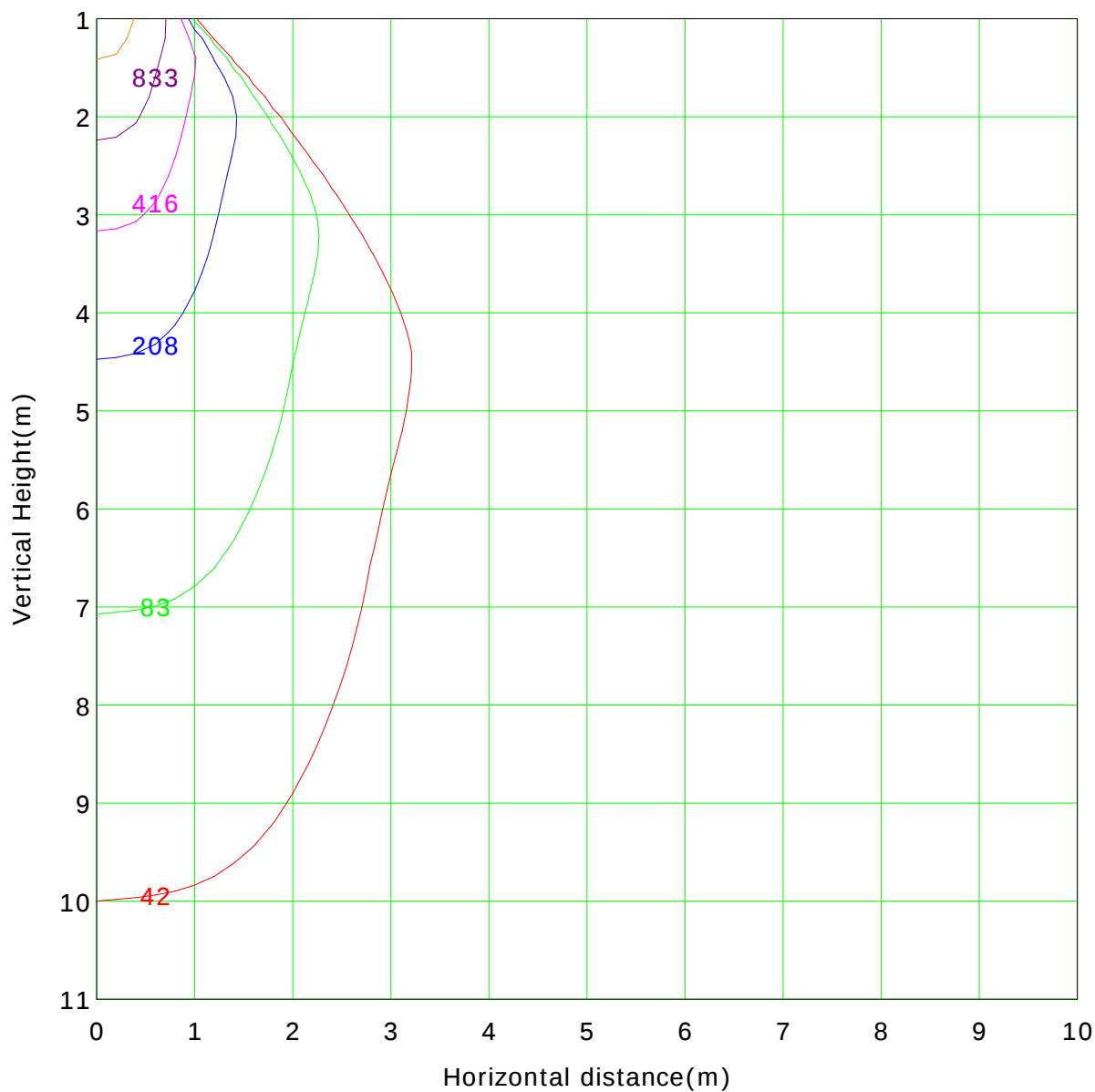
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
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 Test Type: TYPE C
 Temperature:
 Operator:

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

Vertical IsoLux Plot



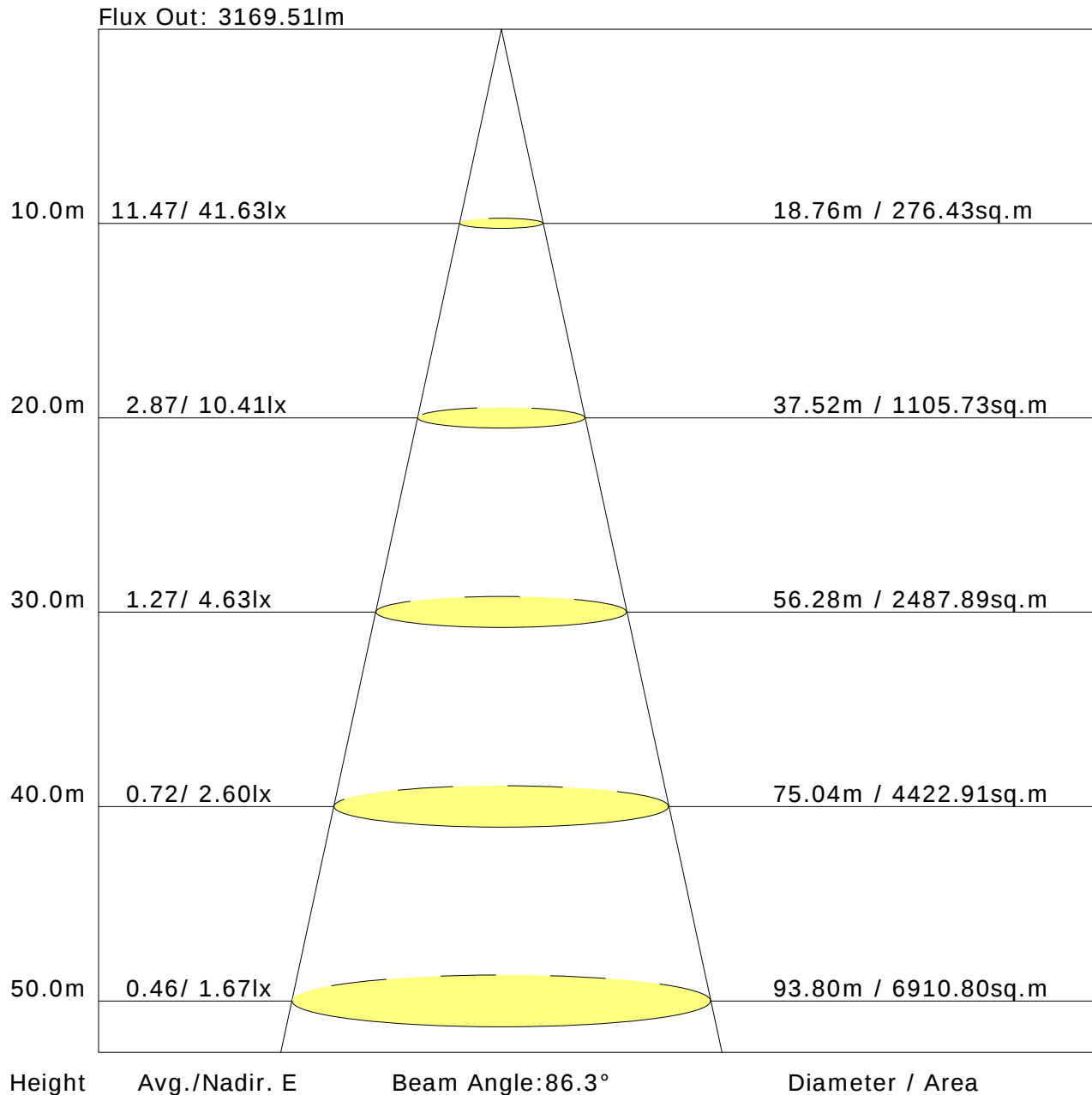
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4162.9 lx
 (1%): 41.6 lx (2%): 83.3 lx
 (5%): 208.1 lx (10%): 416.3 lx
 (20%): 832.6 lx (50%): 2081.4 lx
 (100%): 4162.9 lx

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The Average Illuminance Effective Figure



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Humidity:
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