

Report No.:

Test Time: 2016-07-21 19:29

Luminaire Property

Luminaire Manufacturer:

Voltage: 220.2V

Power: 19.4W

Current: 0.091A

Power Factor: 0.956

Photometric Results

CIE Class: Direct

Measurement Flux: 1963 lm

Downward Ratio: 100%

Field Angle: H84.1 V83.6

Luminaire Efficacy Rating (LER): 101

Max. Intensity: 3204.79 cd

Total Rated Lamp Lumens: 1963.0 lm

Efficiency: 100%

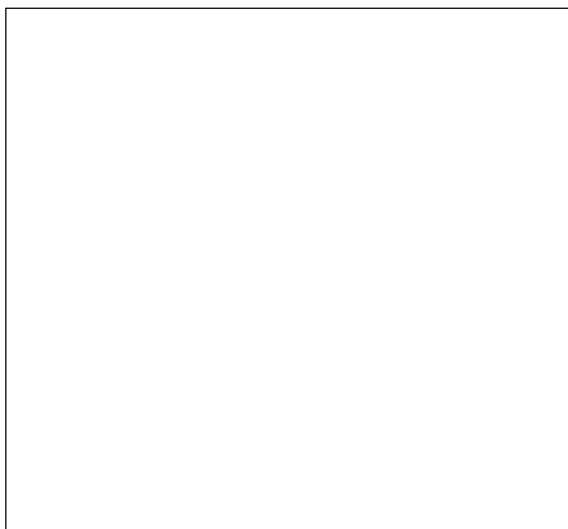
Upward Ratio: 0%

Beam Angle: H41.6 V41.5

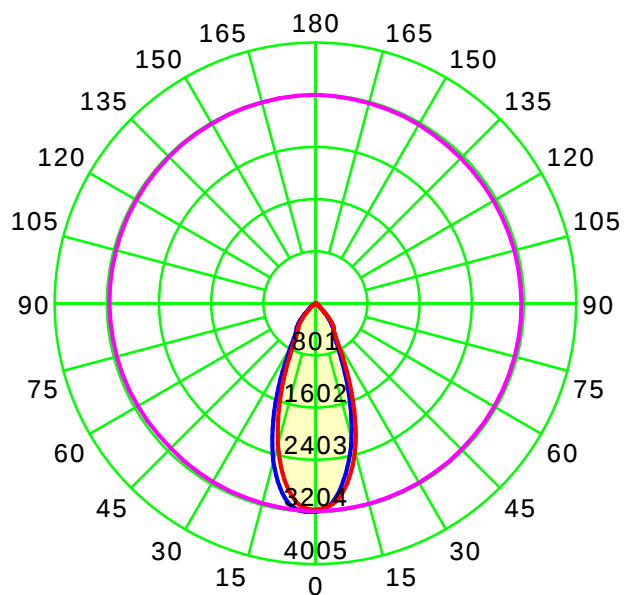
Central Intensity: 3201.6 cd

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

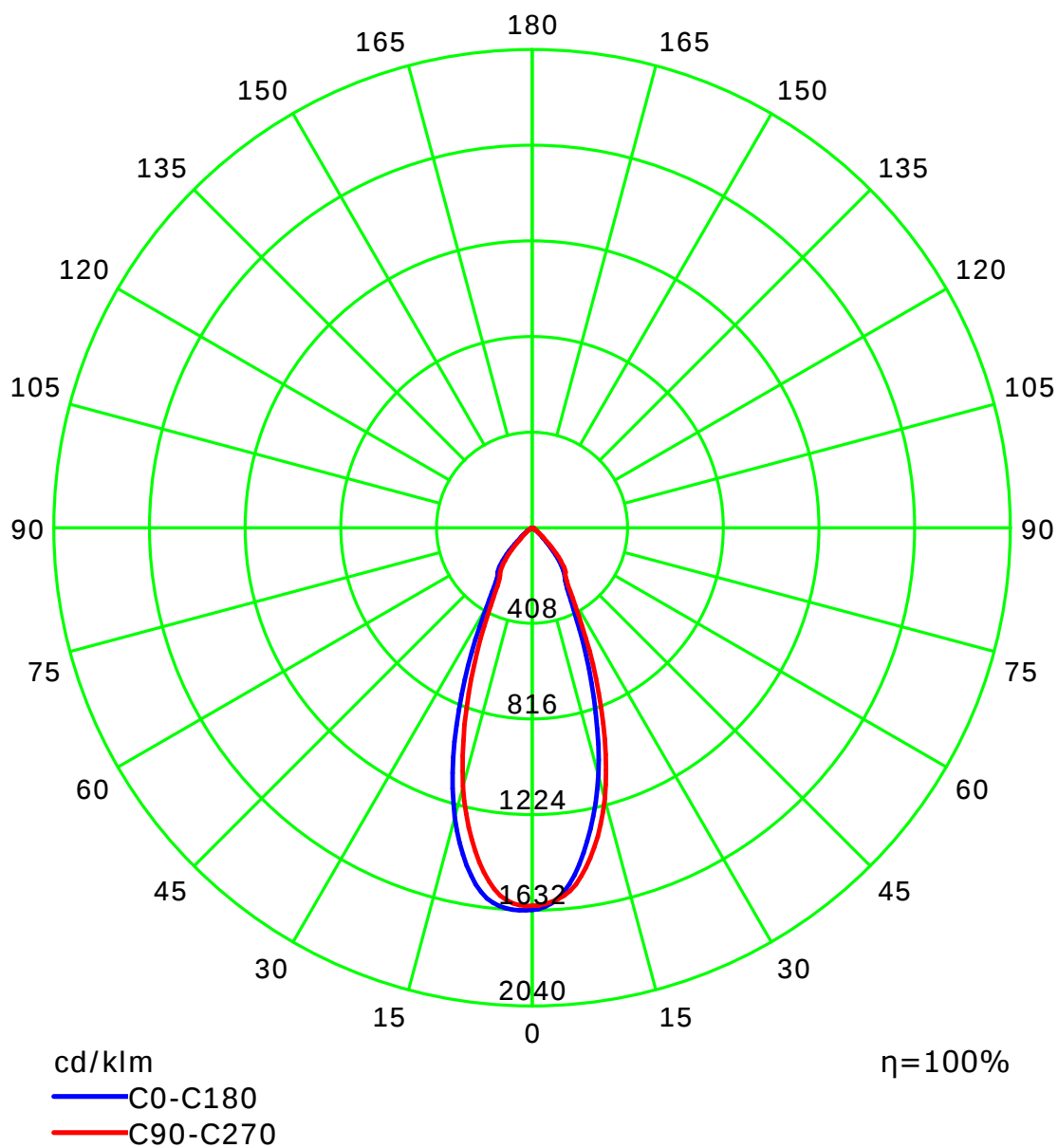
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd / klm)



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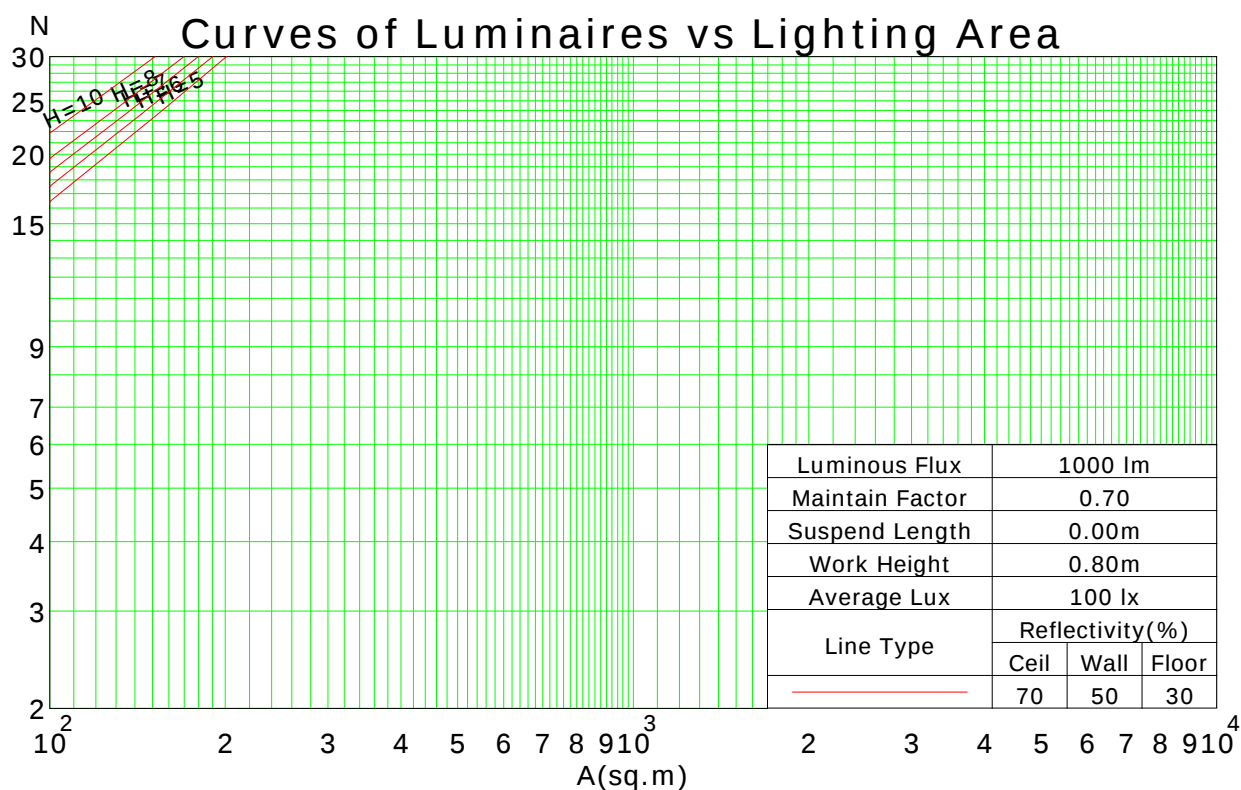
Coefficients Of Utilization - Zonal Cavity Method

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	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	96	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	78	76
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63
8	81	71	66	62	80	71	65	62	70	65	61	69	64	61	68	64	61	59
9	77	68	62	58	76	67	62	58	66	61	58	66	61	58	65	61	58	56
10	74	65	59	55	73	64	59	55	63	58	55	63	58	55	62	58	55	53

Spacing Criteria (0-180): 0.67

Spacing Criteria (90-270): 0.67

Spacing Criteria (Diagonal): 0.66



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Temperature:

Operator:

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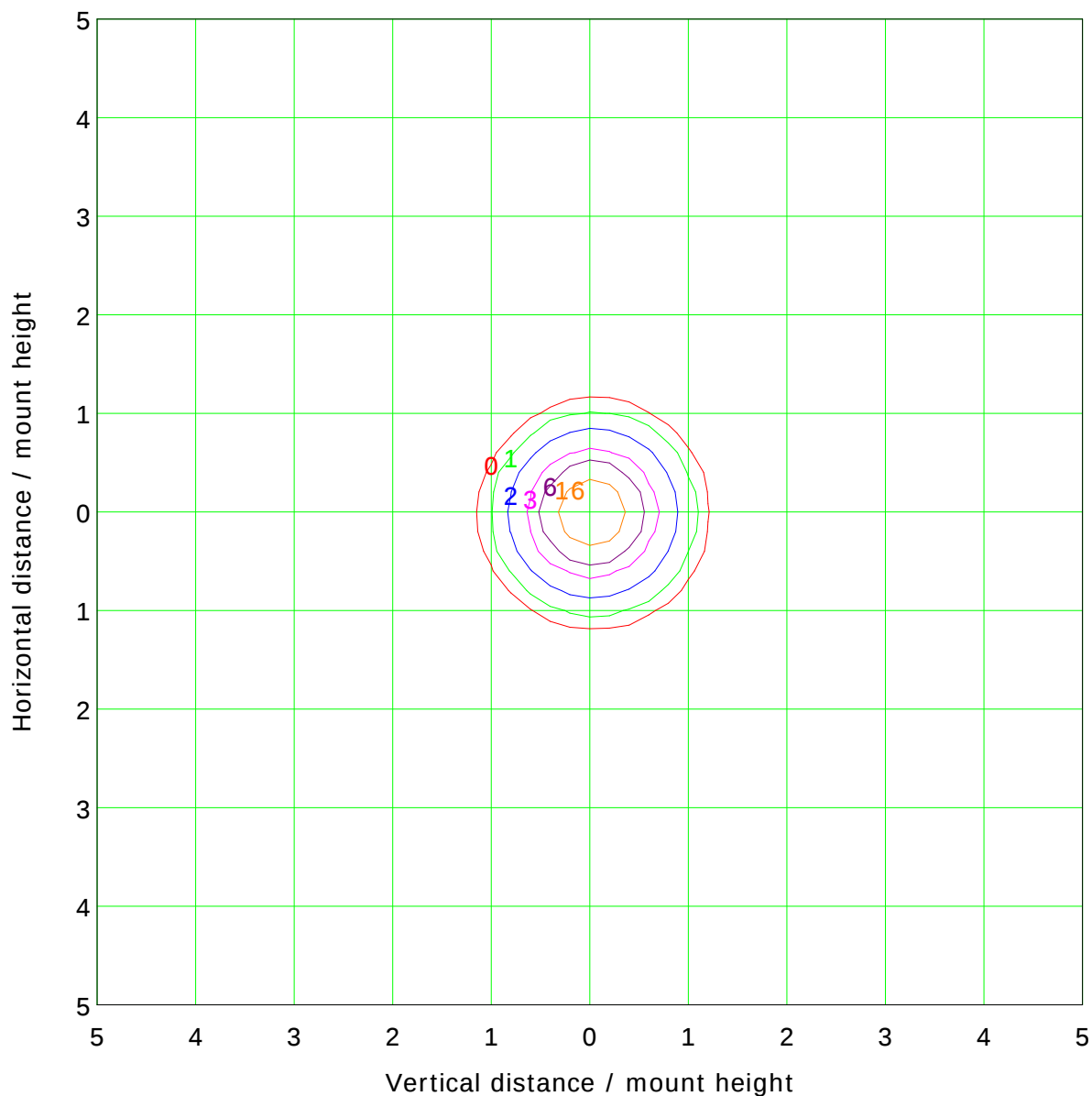
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 32.0 lx

(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.6 lx	(10%): 3.2 lx
(20%): 6.4 lx	(50%): 16.0 lx
(100%): 32.0 lx	

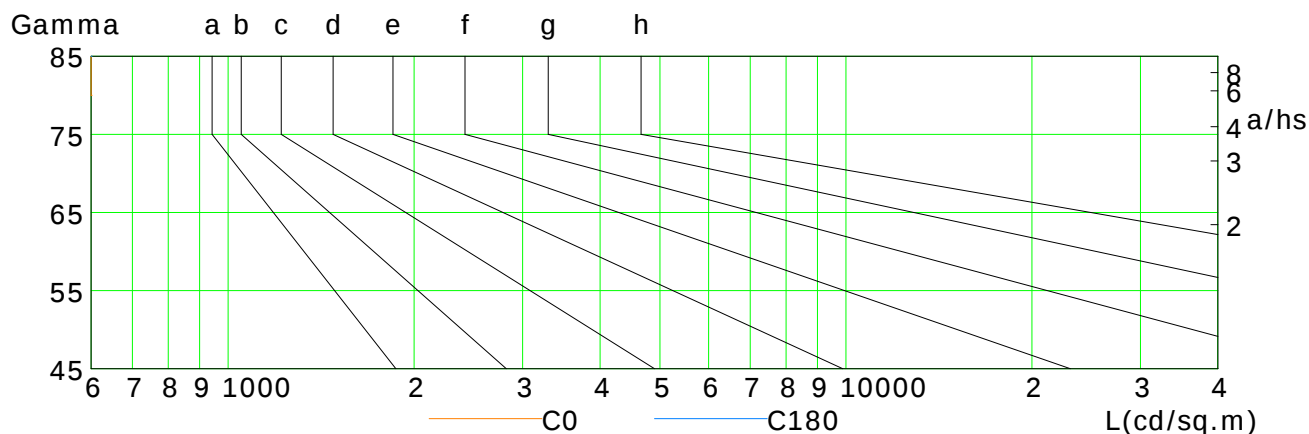
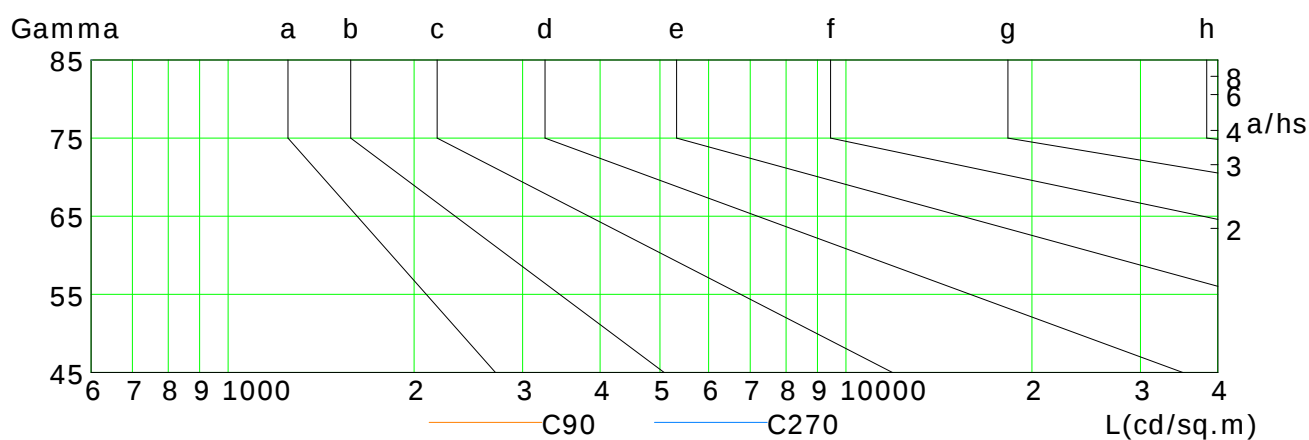
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

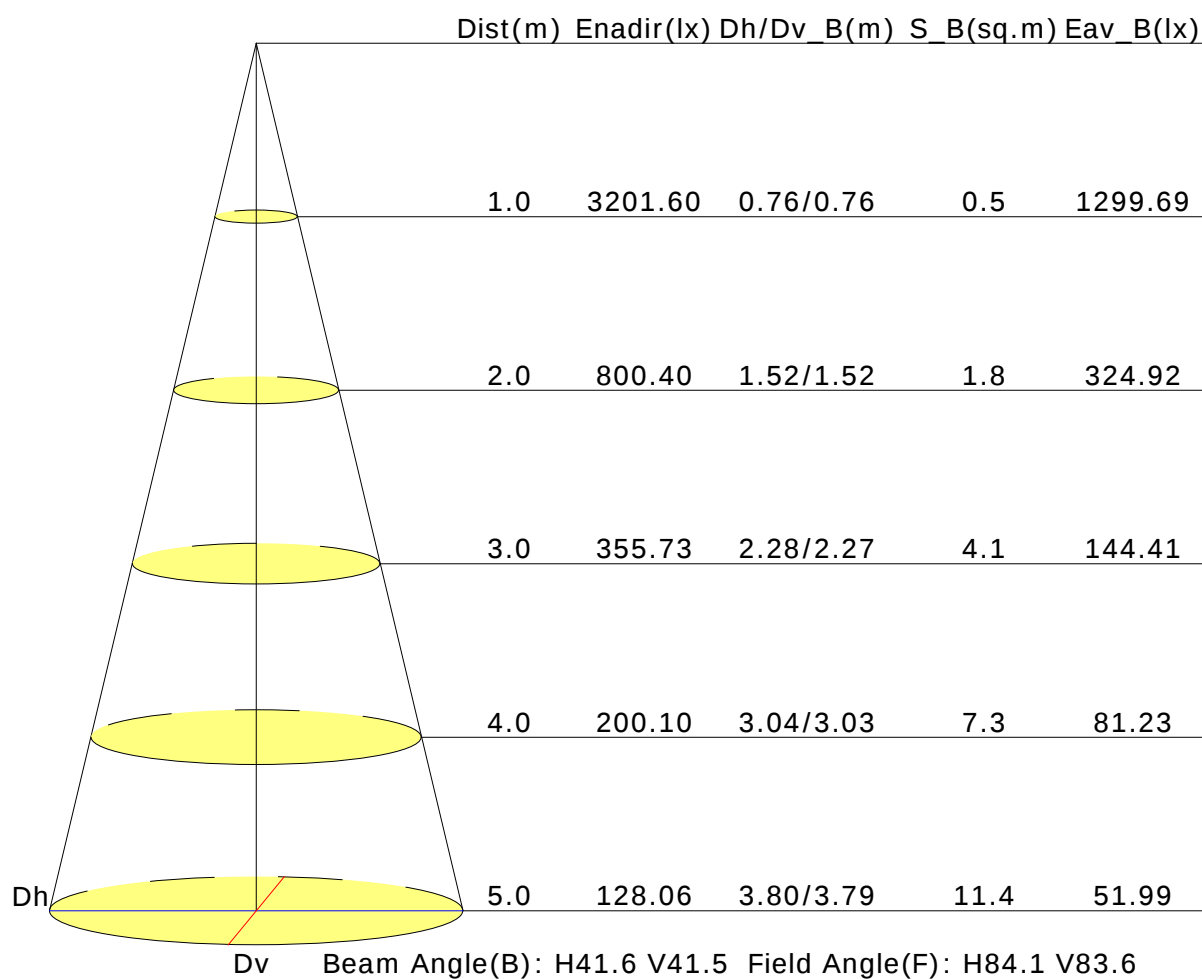


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	165	88	41	13	8	5	2	0	0
C90	233	110	57	22	10	6	3	1	0
C180	274	129	67	27	12	8	6	4	0
C270	189	97	46	16	9	6	3	1	0

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 Distance: 7.517 m
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 Inspector:

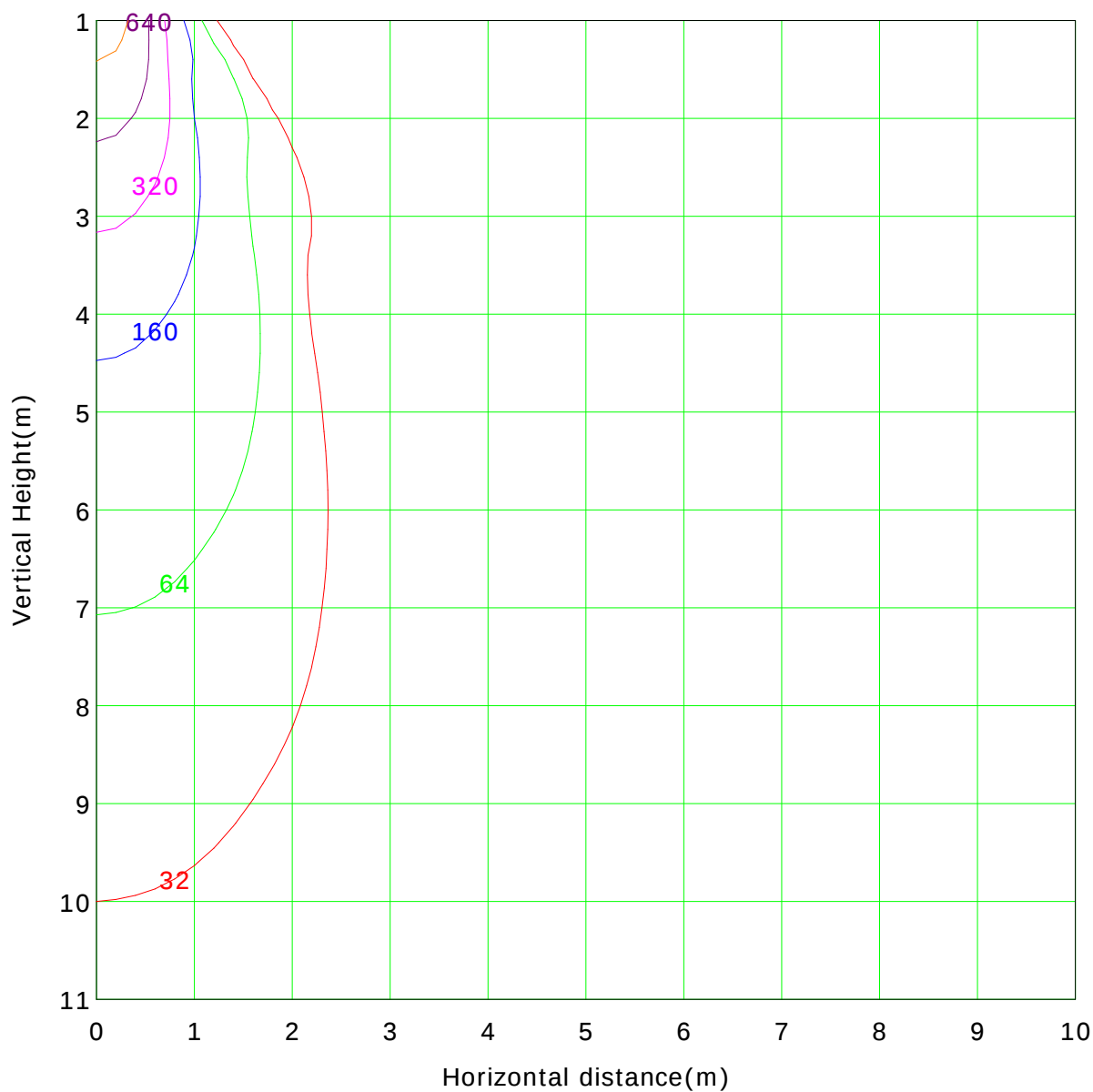
Illuminance at a Distance



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

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3201.6 lx

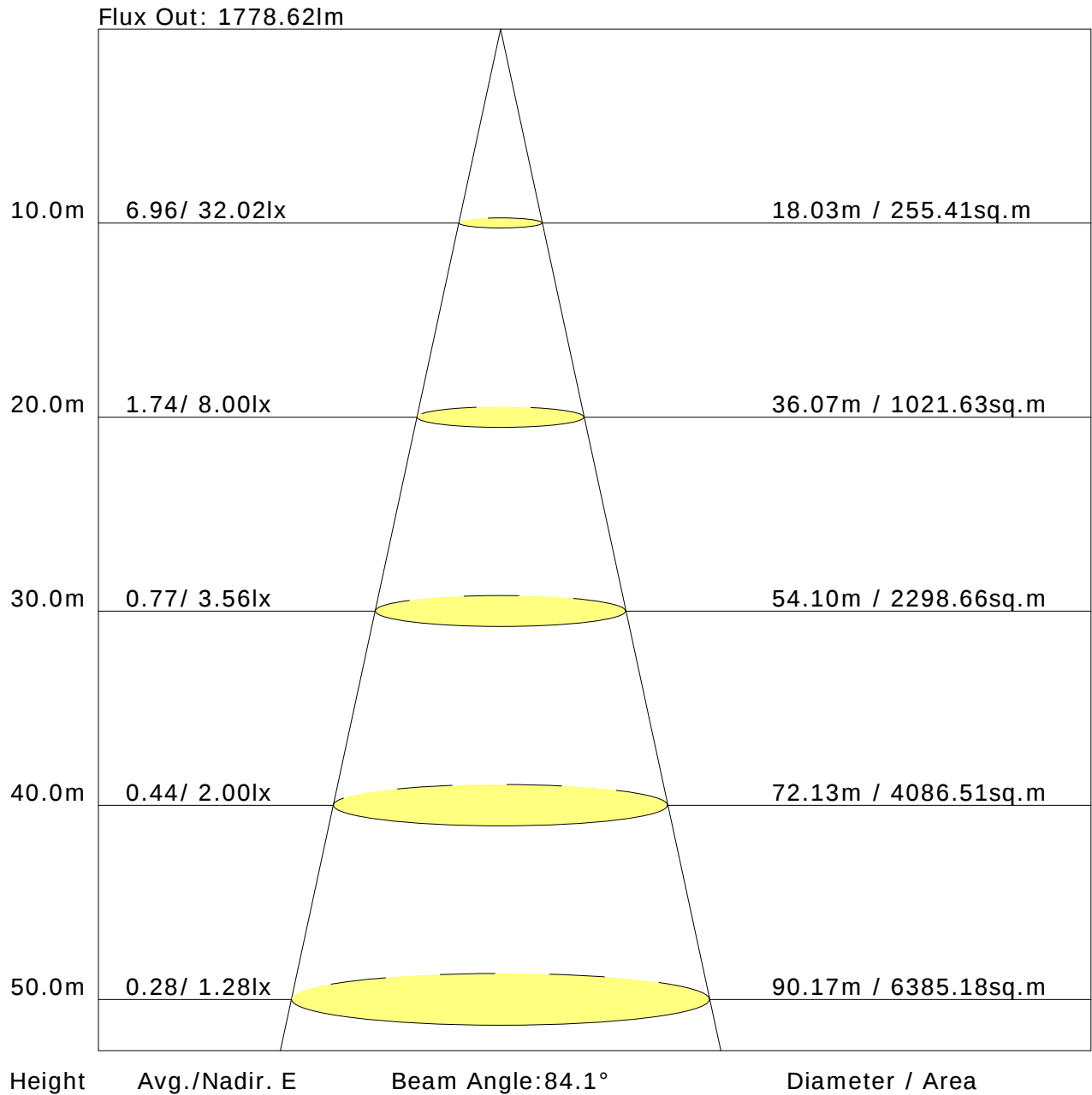
(1%): 32.0 lx	(2%): 64.0 lx
(5%): 160.1 lx	(10%): 320.2 lx
(20%): 640.3 lx	(50%): 1600.8 lx
(100%): 3201.6 lx	

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Gamma Plane (°):0.0-90.0:1.0
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The Average Illuminance Effective Figure



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