

Report No.: 1

Test Time: 01.09.2018 15:32

Luminaire Property

Luminaire Manufacturer: FAROS
 Luminaire Description: FP 200 10W 5000K
 Lamp Description: LED
 Luminous Width (mm): 80
 Voltage: 222.6 V
 Power: 10.46 W

Luminous Length (mm): 115
 Luminous Height (mm): 20
 Current: 0.049 A
 Power Factor: 0.944

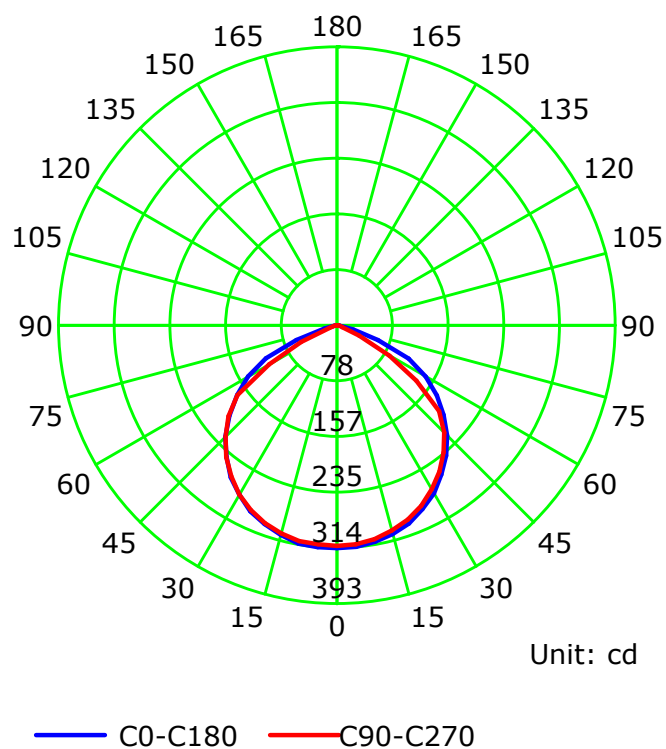
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 828.2 lm
Measurement Flux: 828.2 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 147.5, 133.5, 143.3, 144.7	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.6, 109.5, 114.8, 114.9	
Luminaire Efficacy Rating (LER): 79.22	Central Intensity: 314.47 cd
Max. Intensity: 314.48 cd	Pos of Max. Intensity: H0 V0
S/MH(C0/C180): 1.30	S/MH(C90/C270): 1.29

Picture Of Luminaire



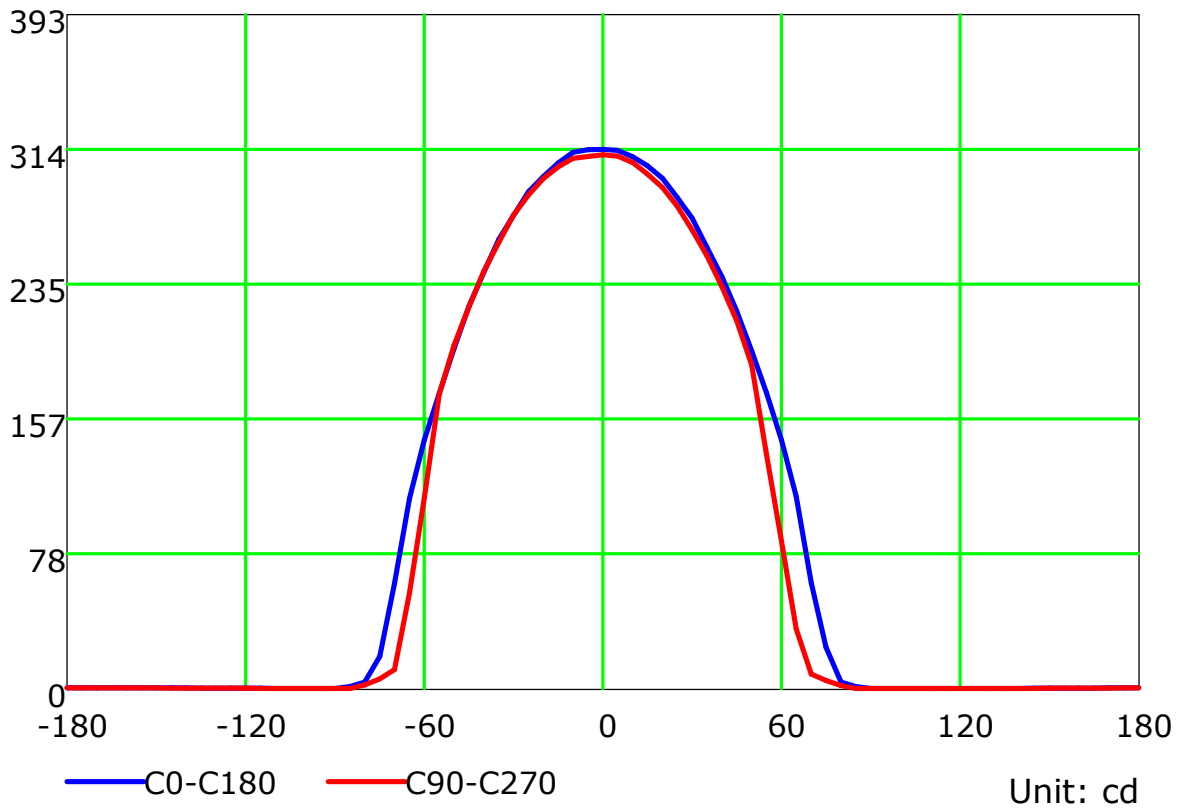
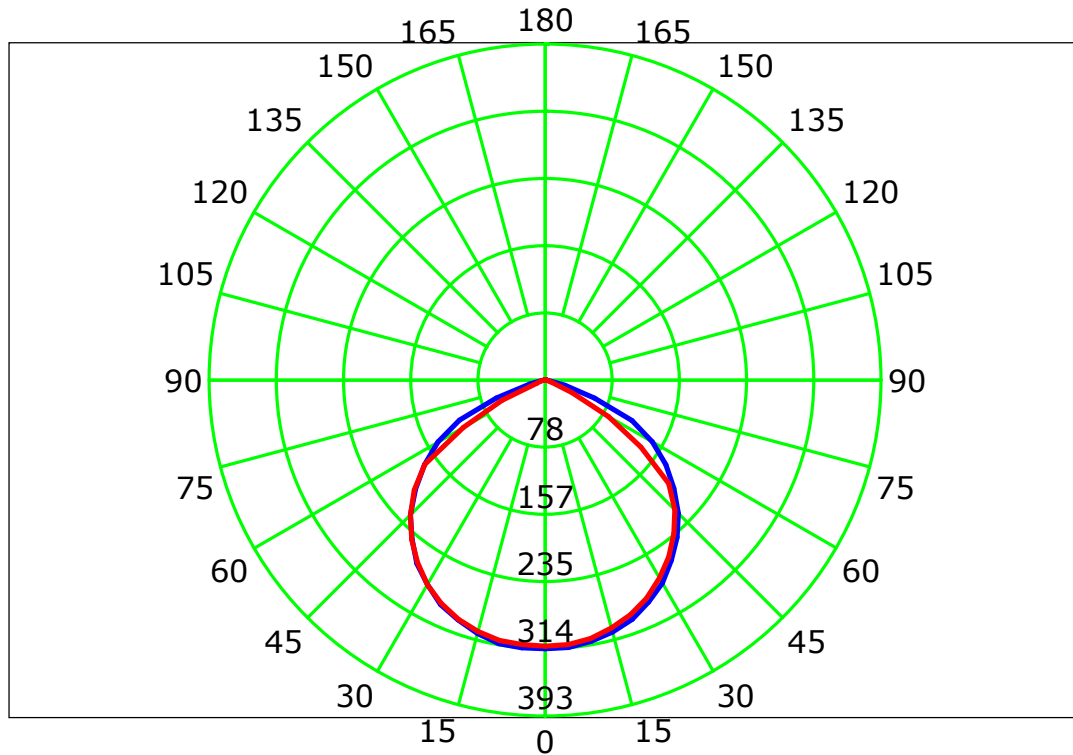
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:5.0
 Test Device: LSG-1800B
 Distance: 12.654 m
 Humidity:
 Inspector:

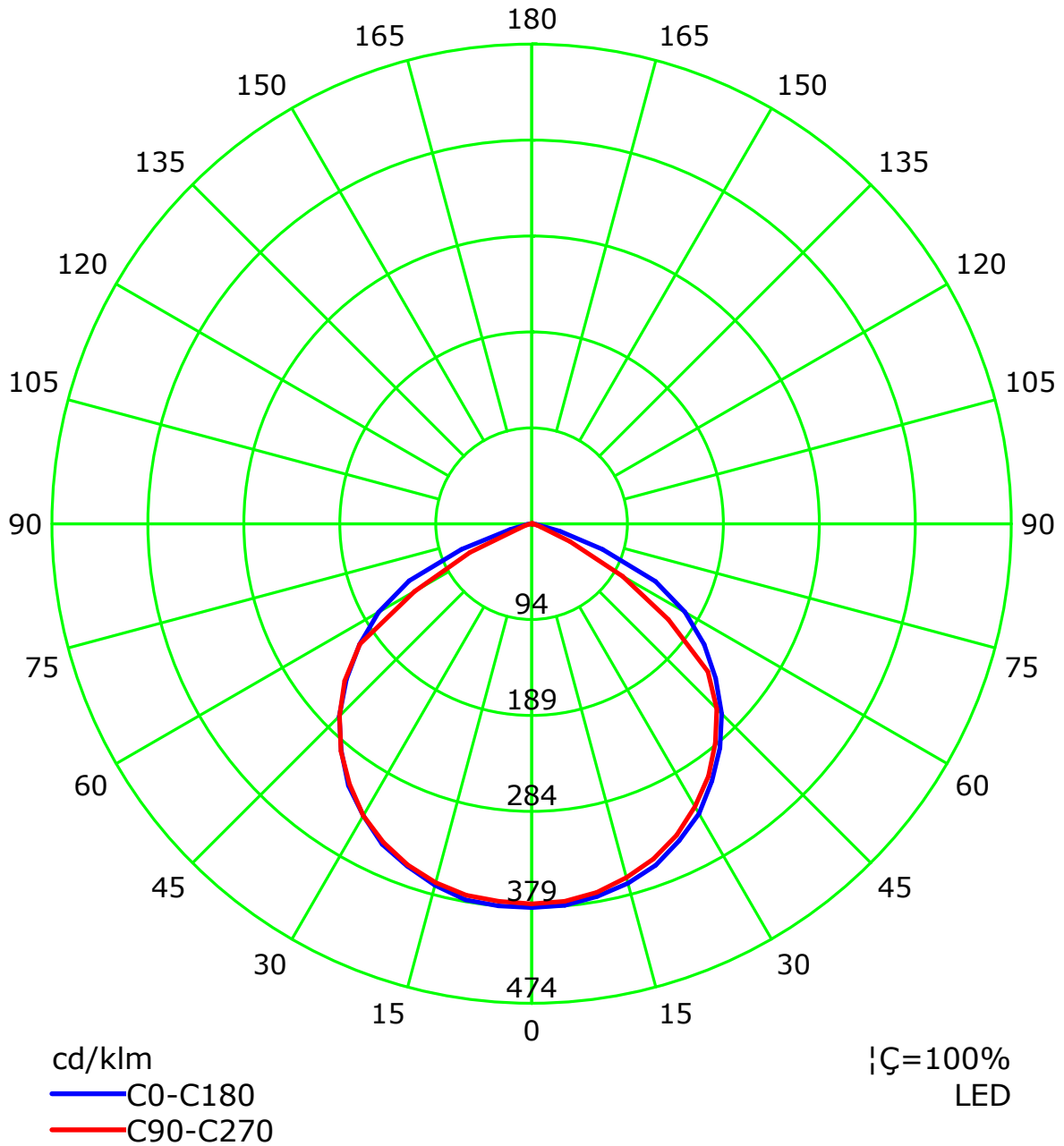
Luminous Intensity Distribution Curve



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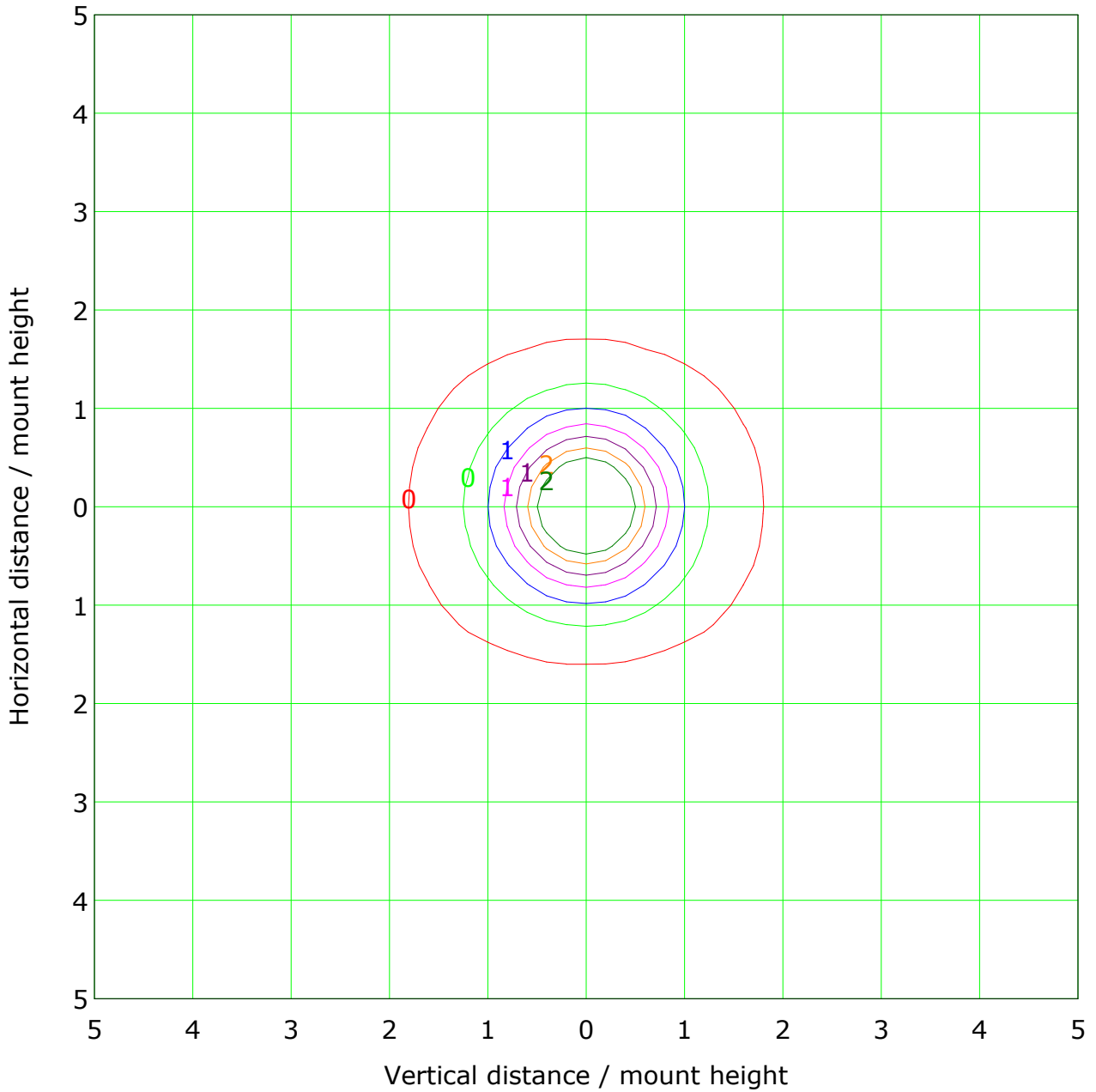
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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 Test Device: LSG-1800B
 Distance: 12.654 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 3.1 lx

(5%): 0.2 lx	(15%): 0.5 lx
(25%): 0.8 lx	(35%): 1.1 lx
(45%): 1.4 lx	(55%): 1.7 lx
(65%): 2.0 lx	

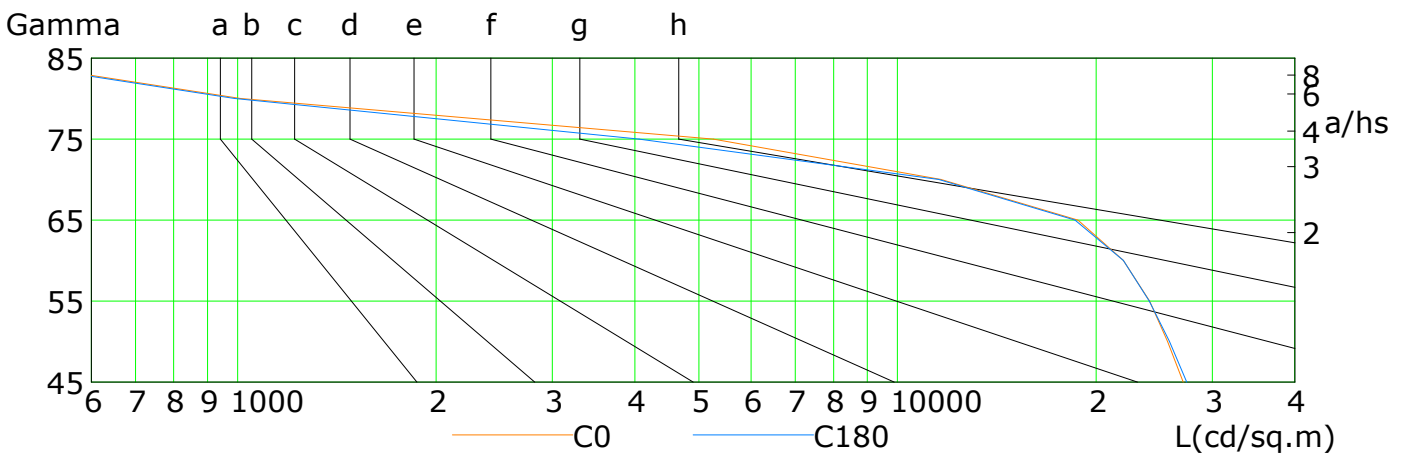
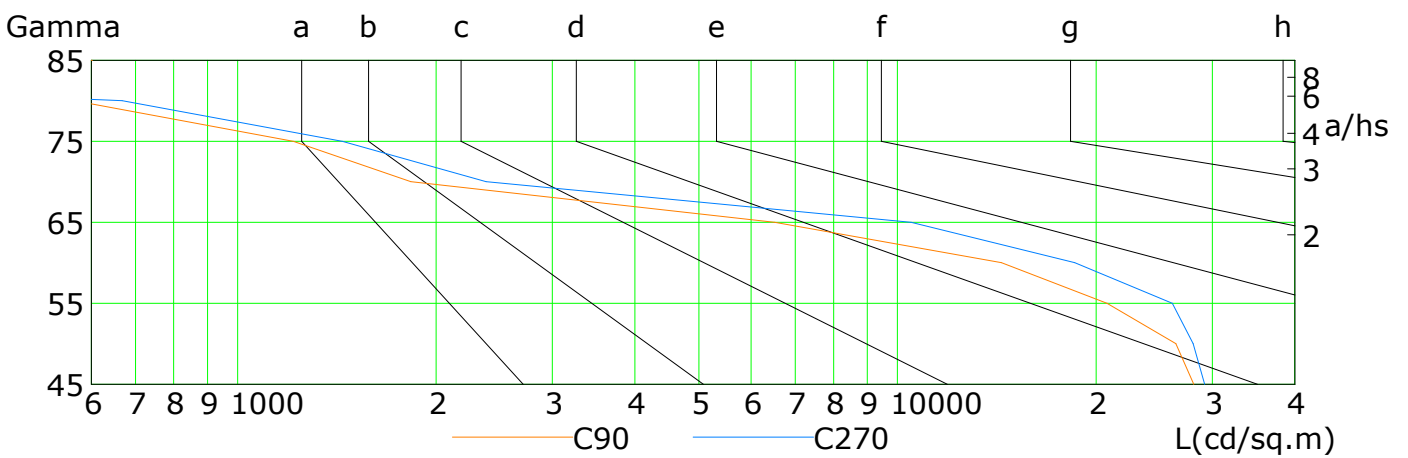
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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	27093	25650	24107	21995	18766	11634	5260	1010	407
C90	28113	26430	20768	14371	6517	1830	1215	567	0
C180	27443	25841	24065	22006	18577	11551	4058	989	401
C270	29194	28056	26095	18558	10492	2381	1441	668	29

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Test Lab:

Test Type: TYPE C

Temperature:

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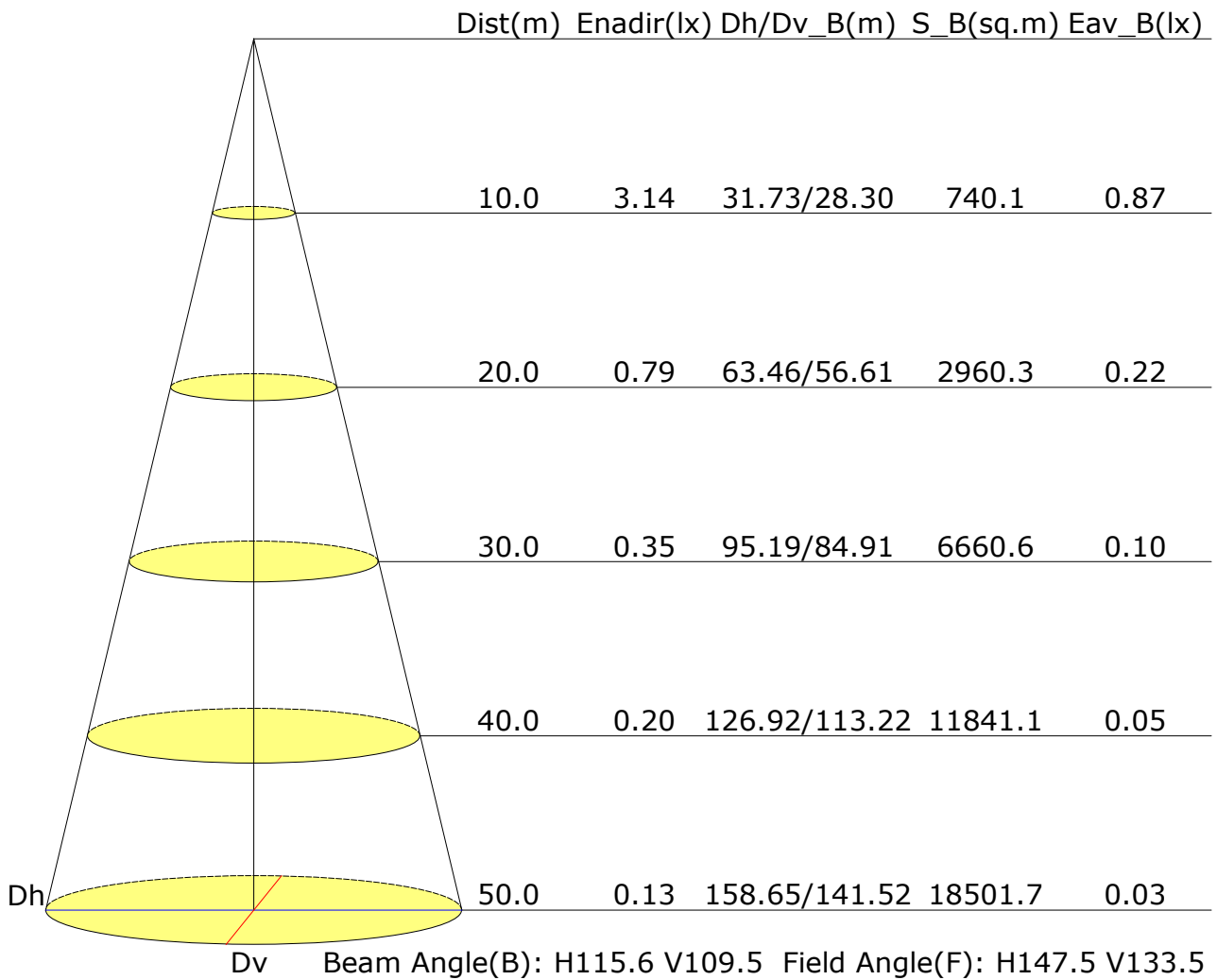
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:5.0

Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector: