

Report No.: 1

Test Time: 26.03.2019 13:56

Luminaire Property

Luminaire Manufacturer: FAROS

Luminaire Description: FL 60 2x96LED 0,7A 72W 5000K opal

Lamp Description: LED

Luminous Width (mm): 60

Voltage: 220.6 V

Power: 71.90 W

Luminous Length (mm): 1500

Luminous Height (mm): 70

Current: 0.334 A

Power Factor: 0.973

Photometric Results

CIE Class: Direct

Measurement Flux: 8559.7 lm

Downward Ratio: 99%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 152.9, 139.8, 147.5, 147.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 97.7, 88.4, 92.7, 92.7

Luminaire Efficacy Rating (LER): 119.10

Max. Intensity: 3800.11 cd

S/MH(C0/C180): 1.24

Total Rated Lamp Lumens: 8559.7 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 3782.4 cd

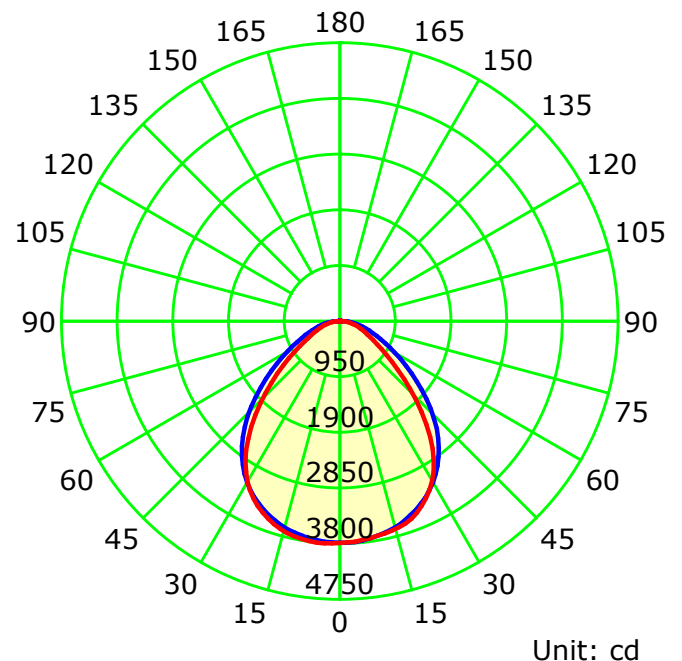
Pos of Max. Intensity: H270 V6

S/MH(C90/C270): 1.23

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

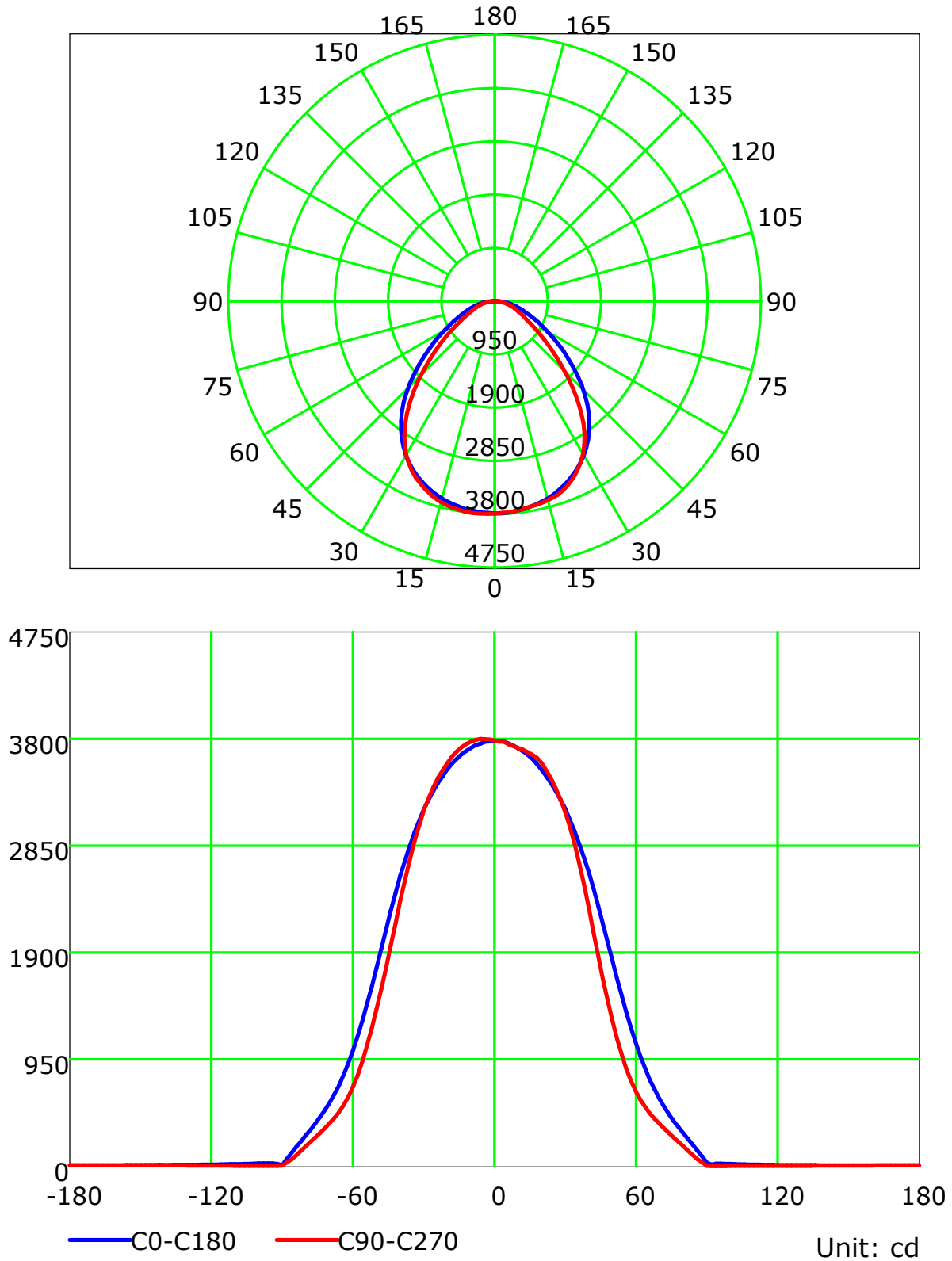
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



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Test Lab:

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Temperature:

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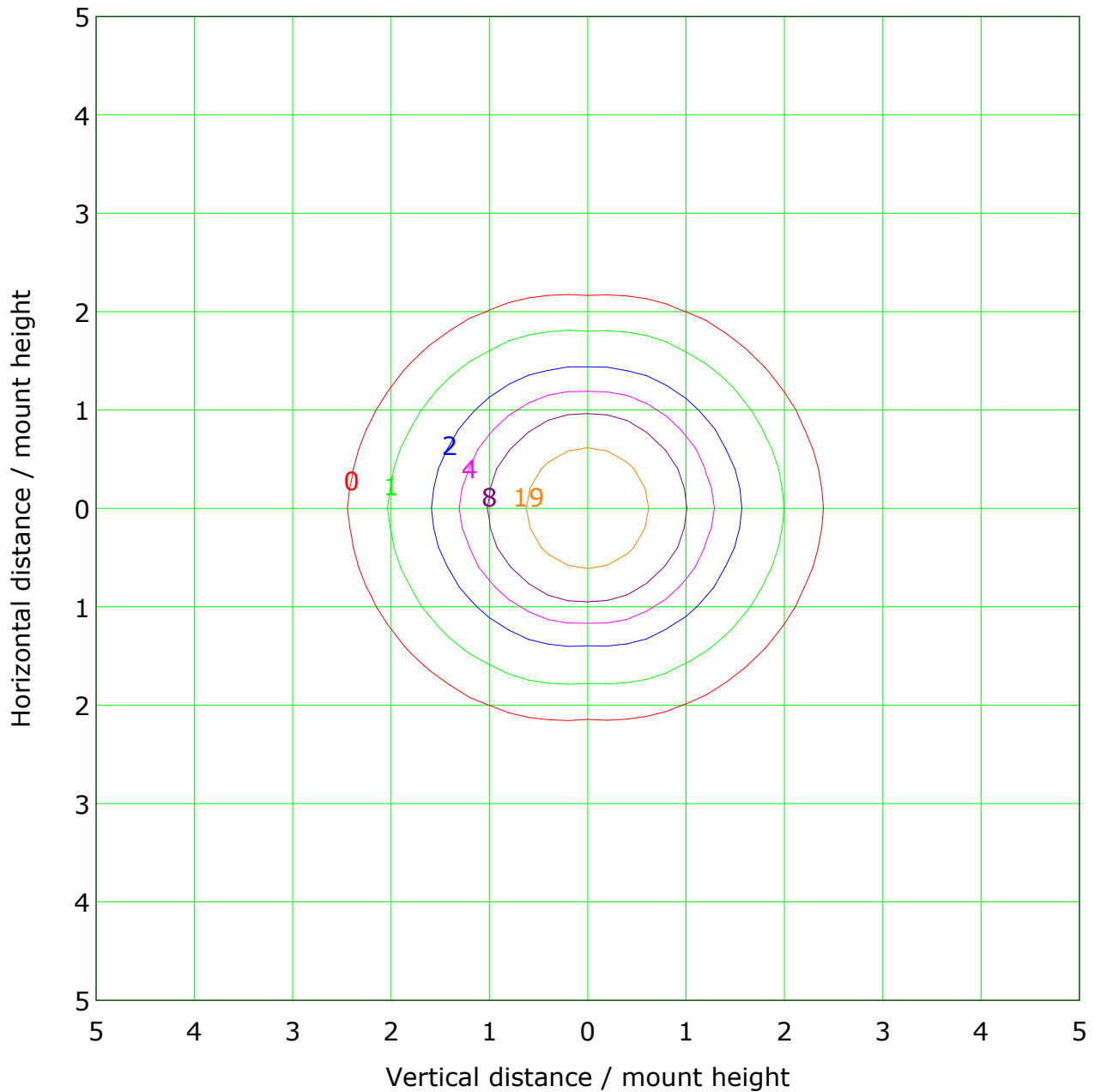
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 37.9 lx

(1%): 0.4 lx	(2%): 0.8 lx
(5%): 1.9 lx	(10%): 3.8 lx
(20%): 7.6 lx	(50%): 18.9 lx
(100%): 37.9 lx	

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Distance: 12.654 m

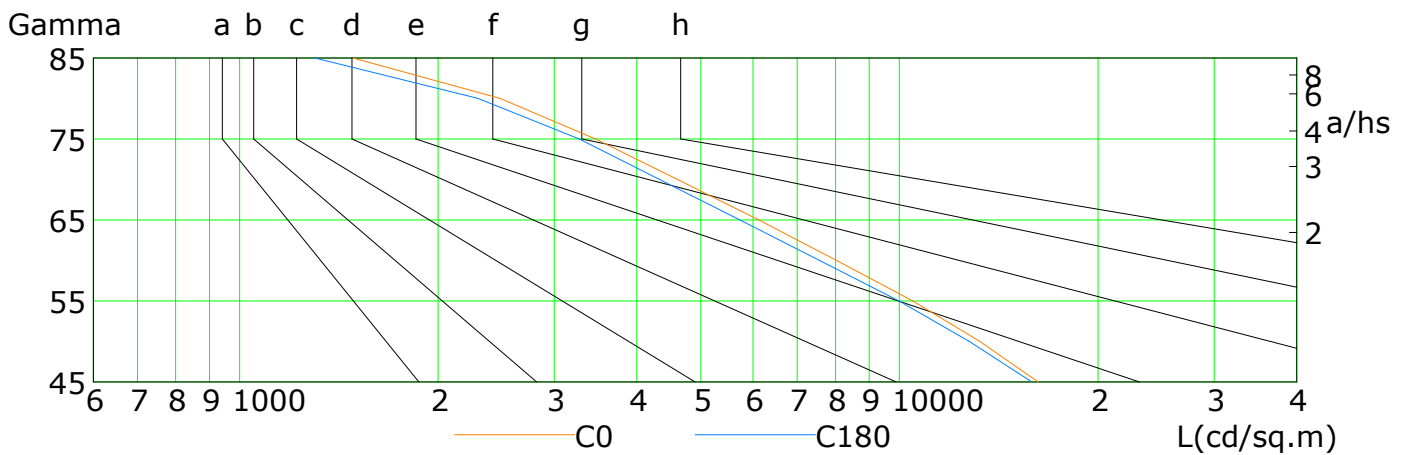
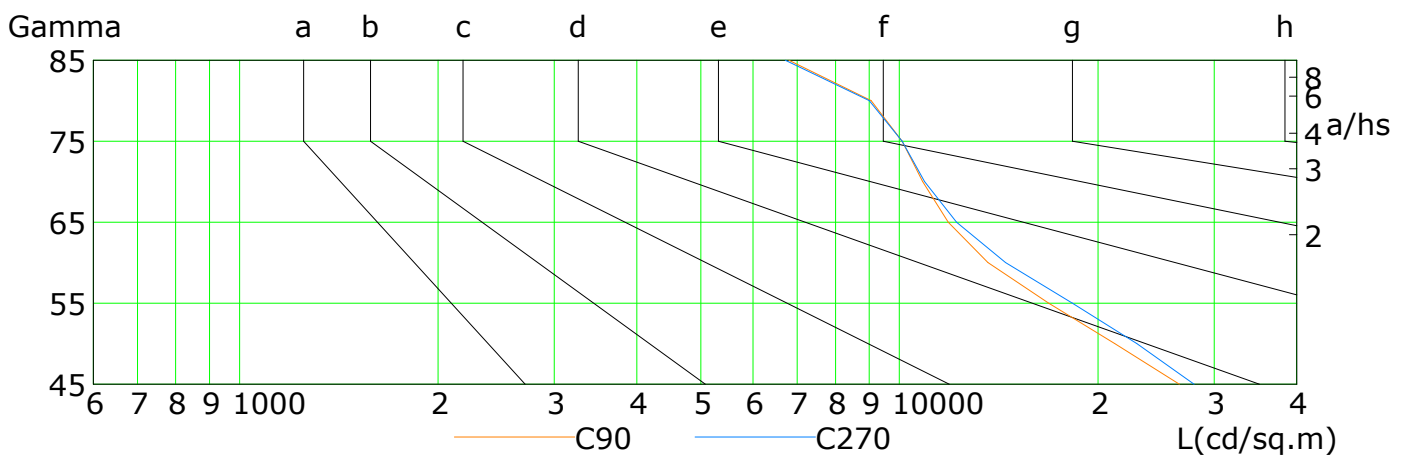
Humidity:

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	16229	13230	10474	8022	6119	4606	3464	2479	1486
C90	26553	21189	16839	13627	11854	10847	10095	9062	6797
C180	15872	12752	9980	7564	5735	4323	3273	2296	1300
C270	27977	22908	18294	14483	12212	10921	10095	9004	6719

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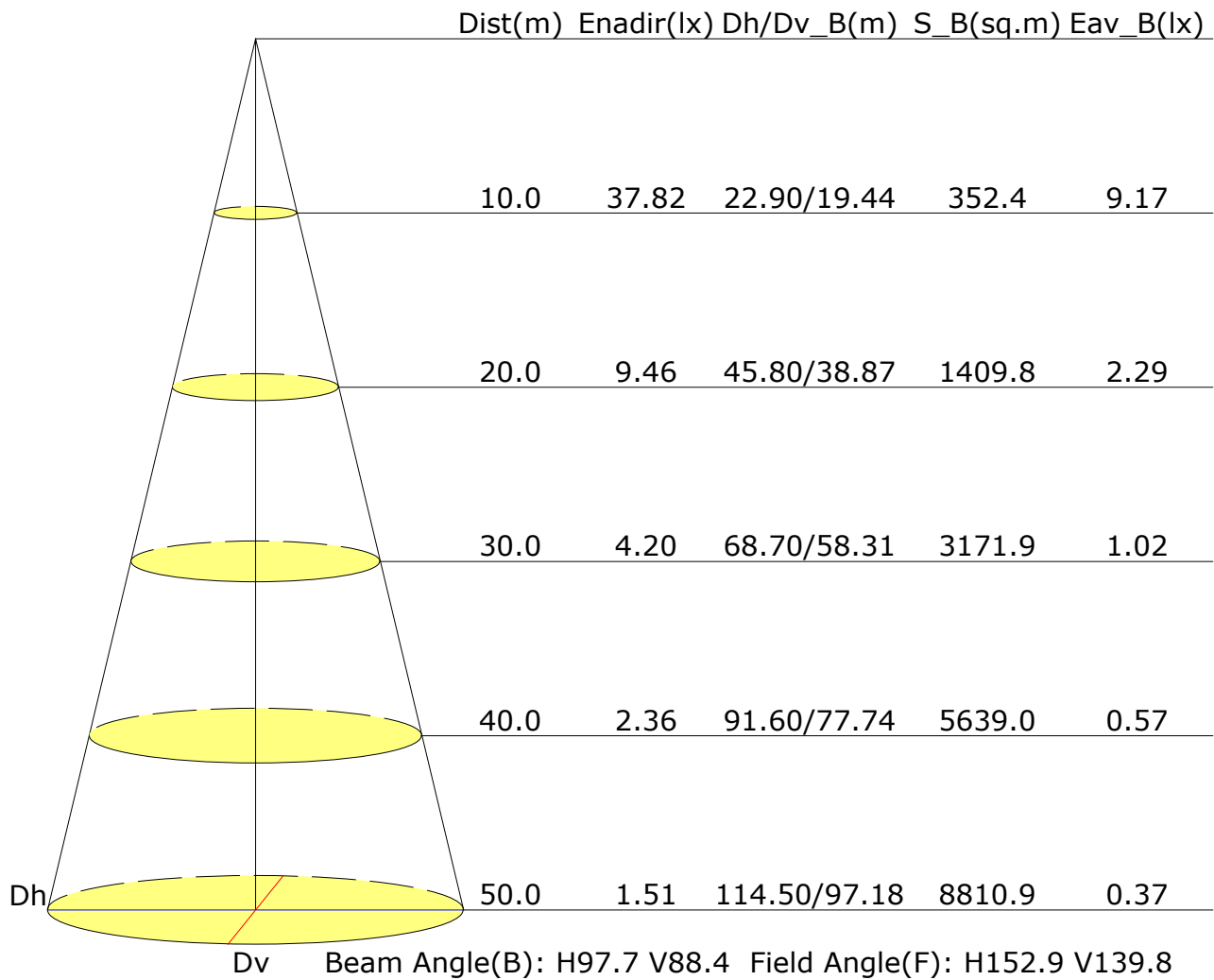
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector: