

Report No.: 1

Test Time: 26.03.2019 15:17

## Luminaire Property

Luminaire Manufacturer: FAROS

Luminaire Description: FL 60 2x96LED 0,6A 65W 5000K opal

Lamp Description: LED

Luminous Width (mm): 60

Voltage: 220.4 V

Power: 65.36 W

Luminous Length (mm): 1500

Luminous Height (mm): 70

Current: 0.302 A

Power Factor: 0.978

## Photometric Results

CIE Class: Direct

Measurement Flux: 7955.3 lm

Downward Ratio: 99%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 152.5, 139.2, 146.9, 146.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 97.5, 88.0, 92.4, 92.4

Luminaire Efficacy Rating (LER): 121.77

Max. Intensity: 3557.52 cd

S/MH(C0/C180): 1.24

Total Rated Lamp Lumens: 7955.3 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 3532.53 cd

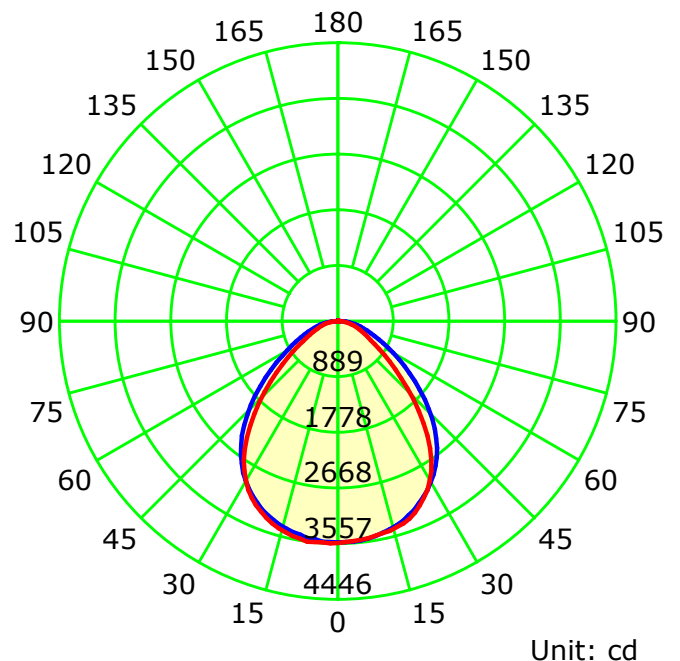
Pos of Max. Intensity: H270 V8

S/MH(C90/C270): 1.22

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

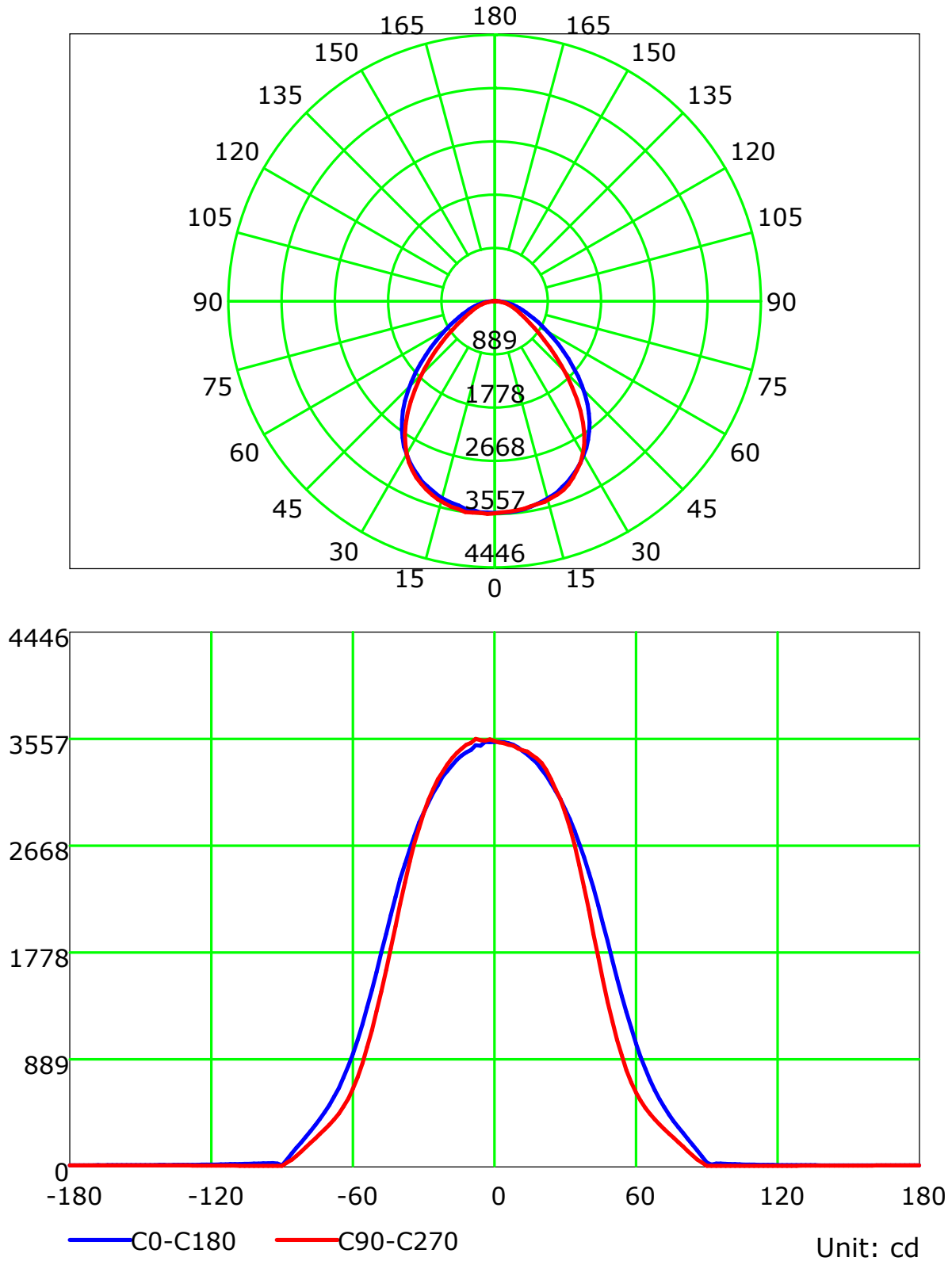
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve



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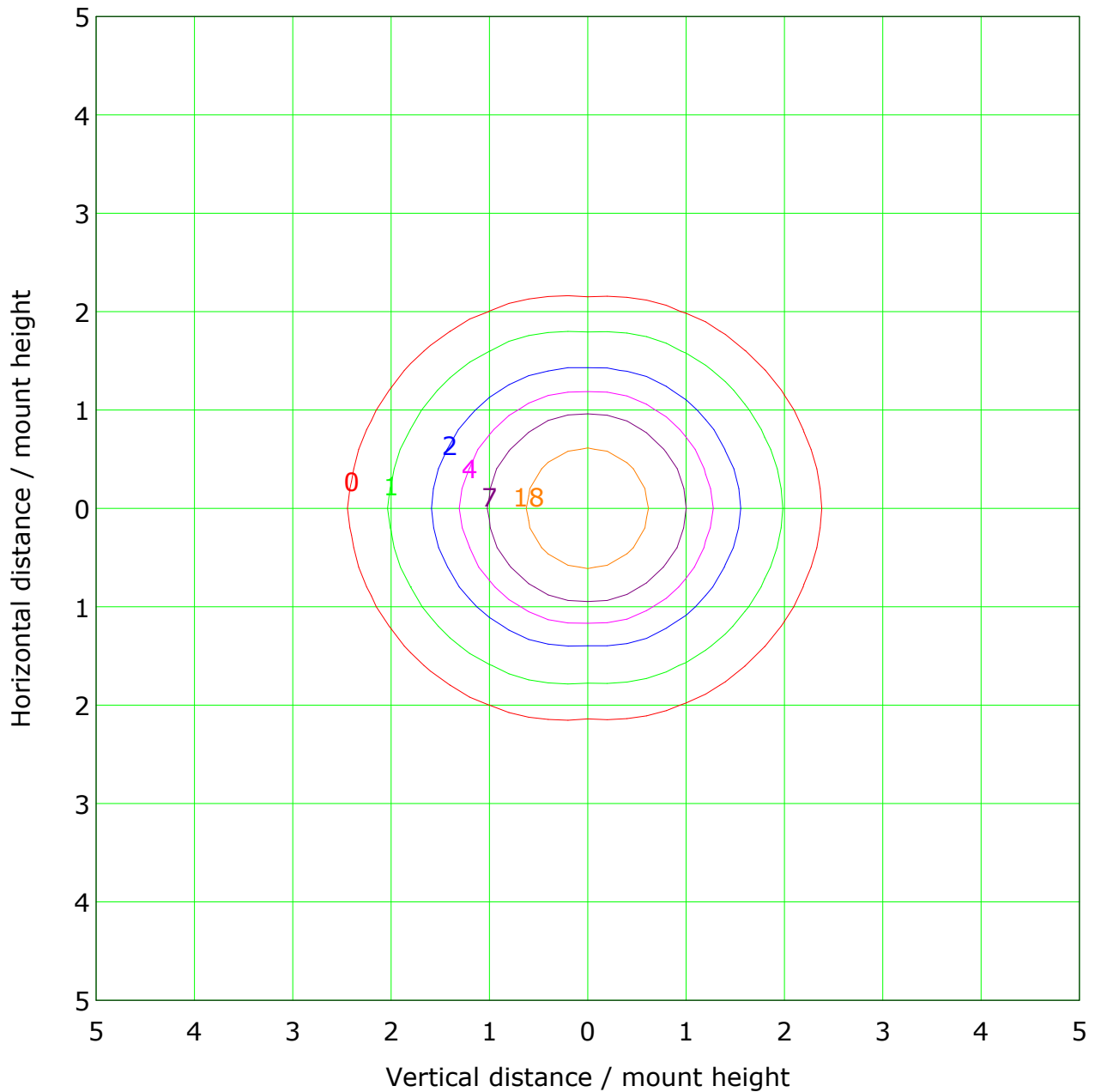
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 35.5 lx

( 1%): 0.4 lx	( 2%): 0.7 lx
( 5%): 1.8 lx	( 10%): 3.5 lx
( 20%): 7.1 lx	( 50%): 17.7 lx
(100%): 35.5 lx	

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

Test Device: LSG-1800B

Distance: 12.654 m

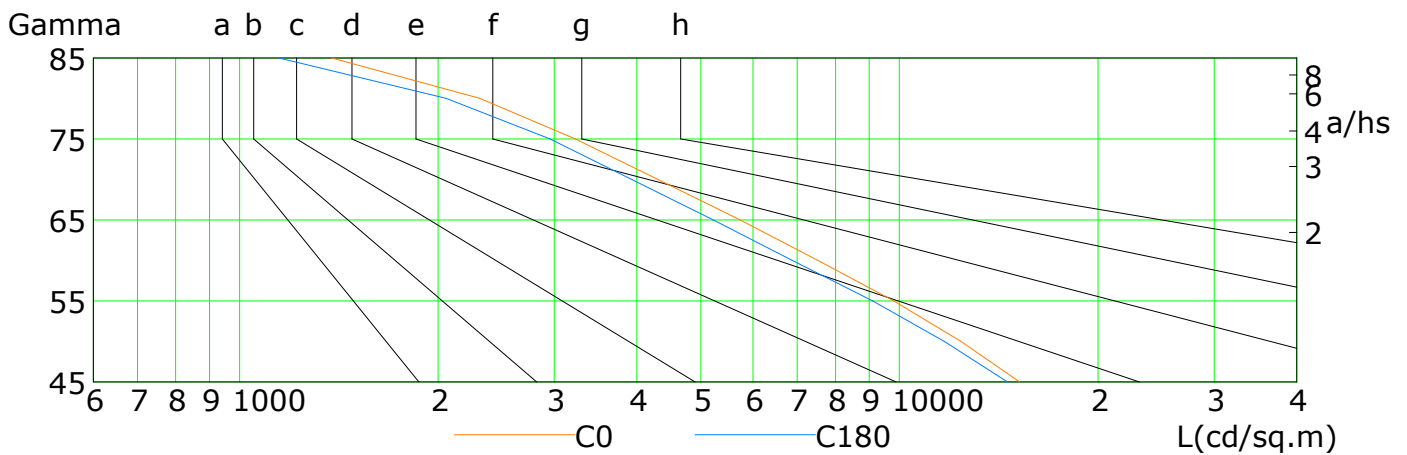
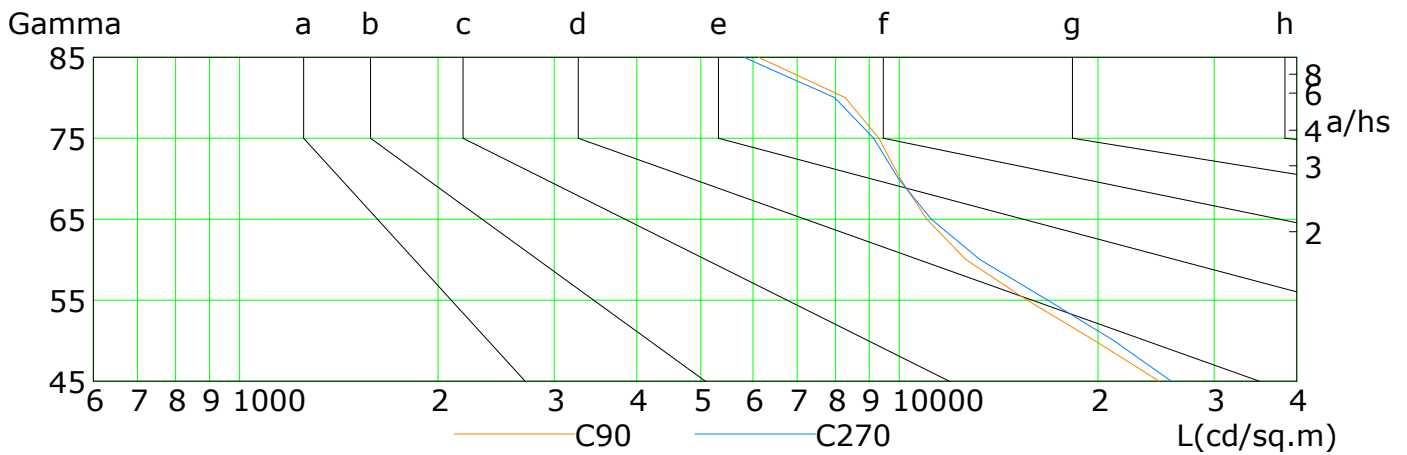
Humidity:

Inspector:

## 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	15215	12389	9813	7517	5740	4304	3227	2312	1379
C90	24756	19746	15634	12616	11000	10035	9309	8272	6114
C180	14586	11684	9109	6879	5225	3923	2954	2055	1148
C270	25838	21127	16788	13249	11173	9962	9144	7980	5806

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Test Lab:

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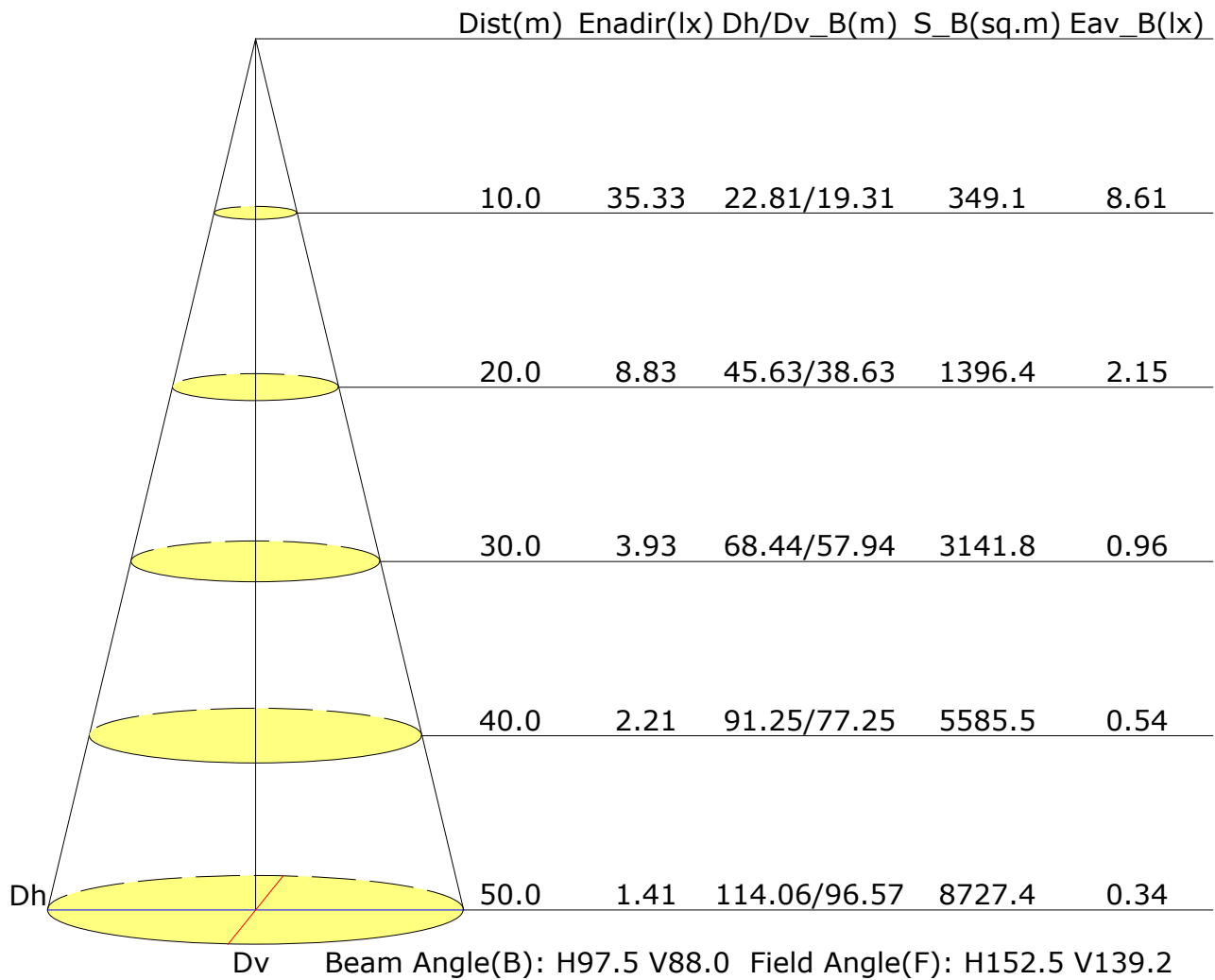
Test Device: LSG-1800B

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: