

Report No.: 1

Test Time: 30.03.2019 11:48

## Luminaire Property

Luminaire Manufacturer: FAROS

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

Lamp Description: LED

Number of Lamps: 1

Luminous Length (mm): 1500 mm

Luminous Width (mm): 60 mm

Luminous Height (mm): 70 mm

Voltage: 220.2 V

Current: 0.302 A

Power: 65.29 W

Power Factor: 0.979

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 7253.6 lm

Measurement Flux: 7253.6 lm

Efficiency: 100%

Downward Ratio: 97%

Upward Ratio: 3%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 160.8, 162.1, 149.0, 148.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 76.8, 75.5, 75.0, 75.1

Luminaire Efficacy Rating (LER): 111.15

Central Intensity: 3738.94 cd

Max. Intensity: 3738.94 cd

Pos of Max. Intensity: H0 V0

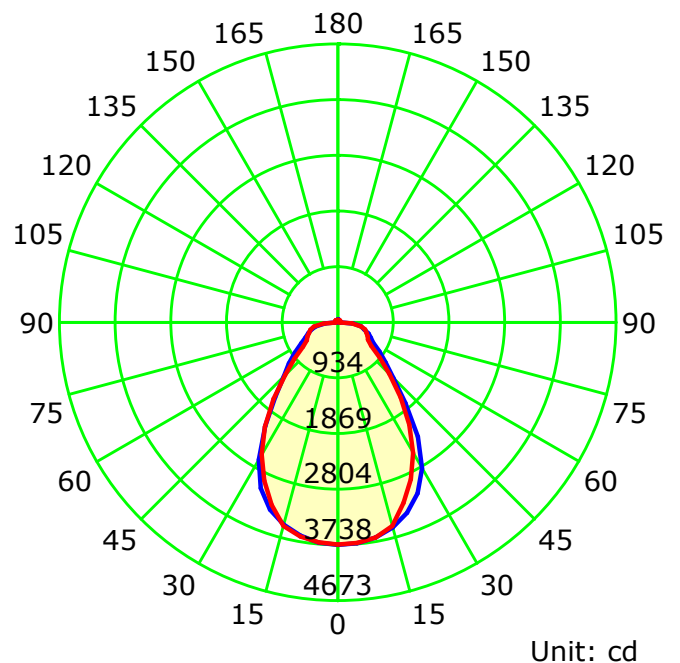
S/MH(C0/C180): 1.12

S/MH(C90/C270): 1.06

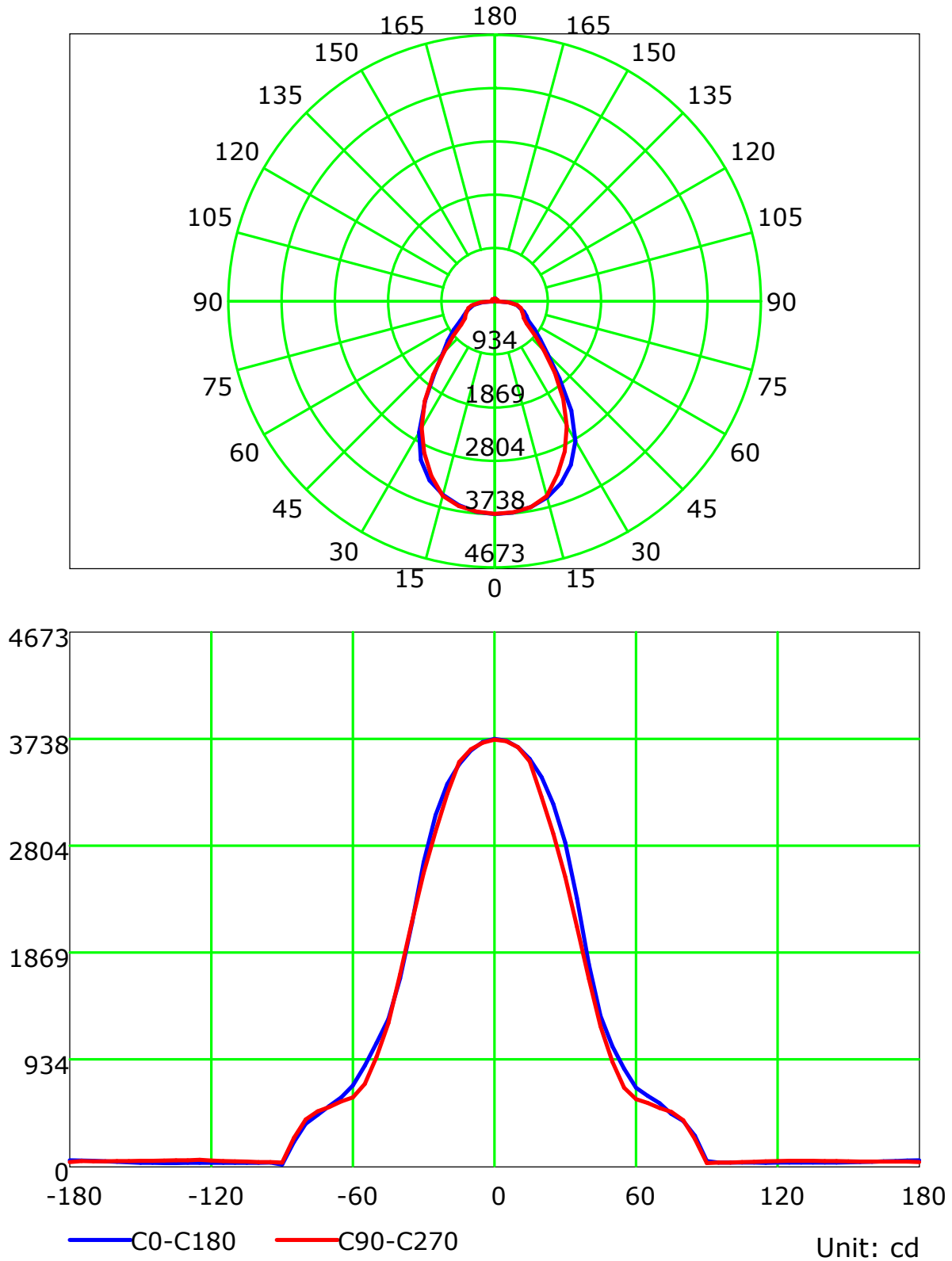
Picture Of Luminaire



Luminous Intensity Distribution Curve



## 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

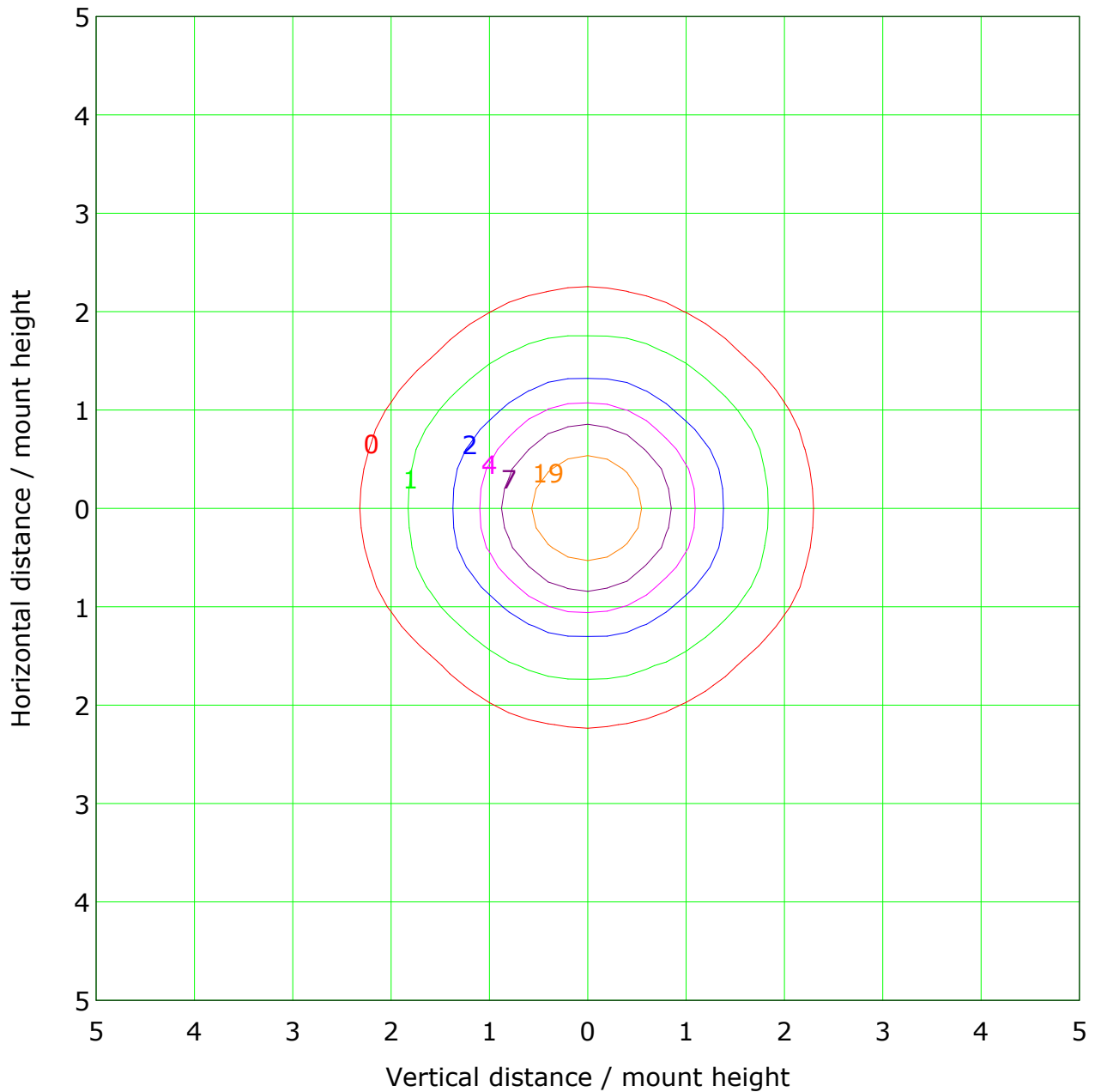
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 37.4 lx

( 1%): 0.4 lx	( 2%): 0.7 lx
( 5%): 1.9 lx	( 10%): 3.7 lx
( 20%): 7.5 lx	( 50%): 18.7 lx
(100%): 37.4 lx	

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Distance: 12.654 m

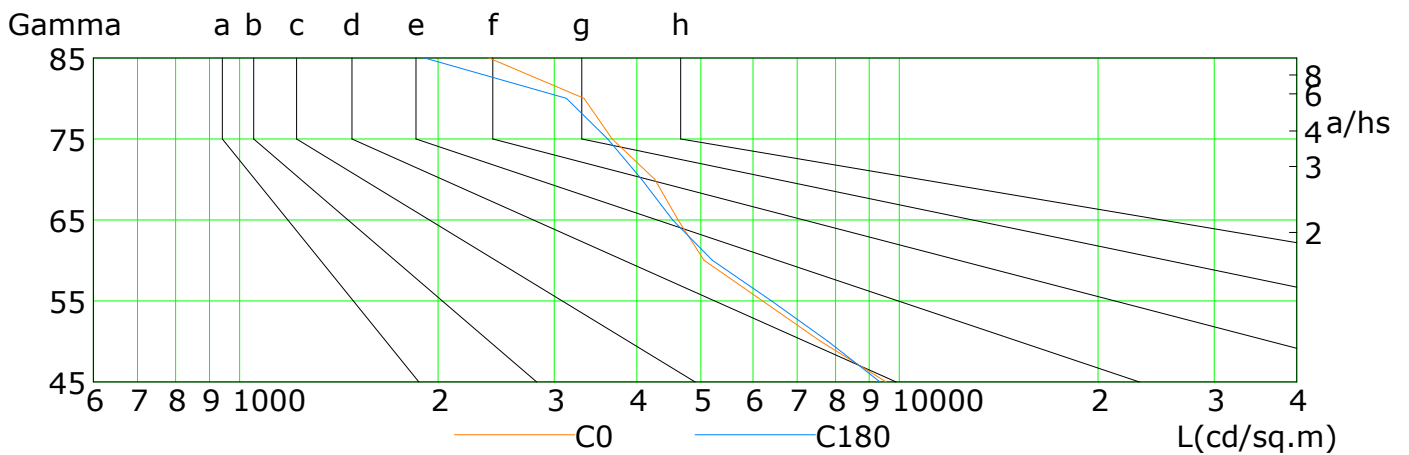
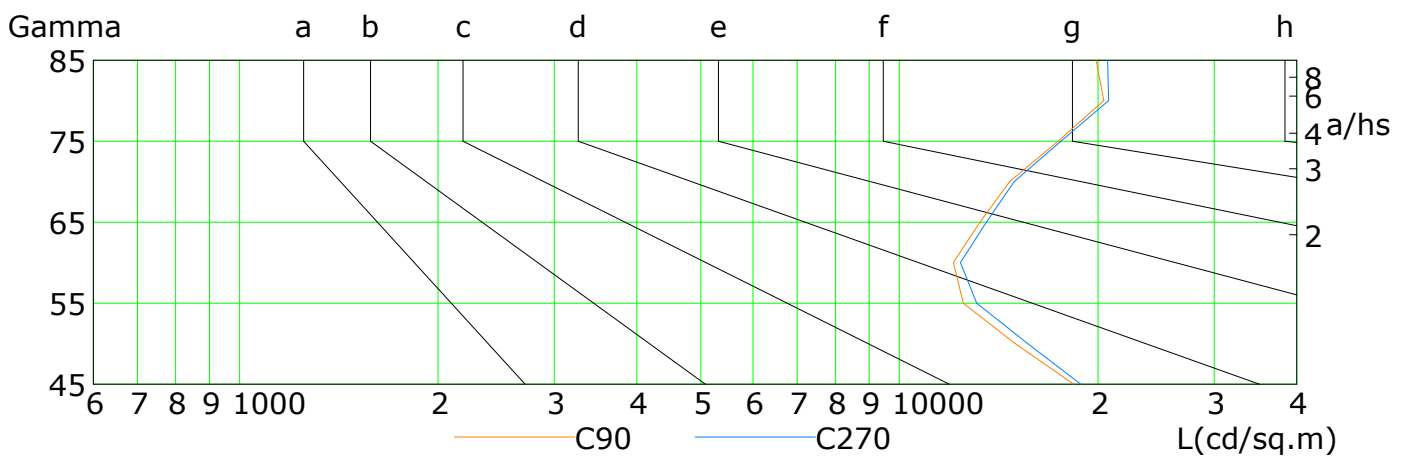
Humidity:

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	9546	7594	6206	5058	4622	4256	3670	3326	2386
C90	18379	14976	12493	12072	13245	14692	17400	20403	19859
C180	9345	7790	6401	5209	4532	4065	3614	3130	1908
C270	18824	15638	13094	12377	13544	14934	17562	20758	20683

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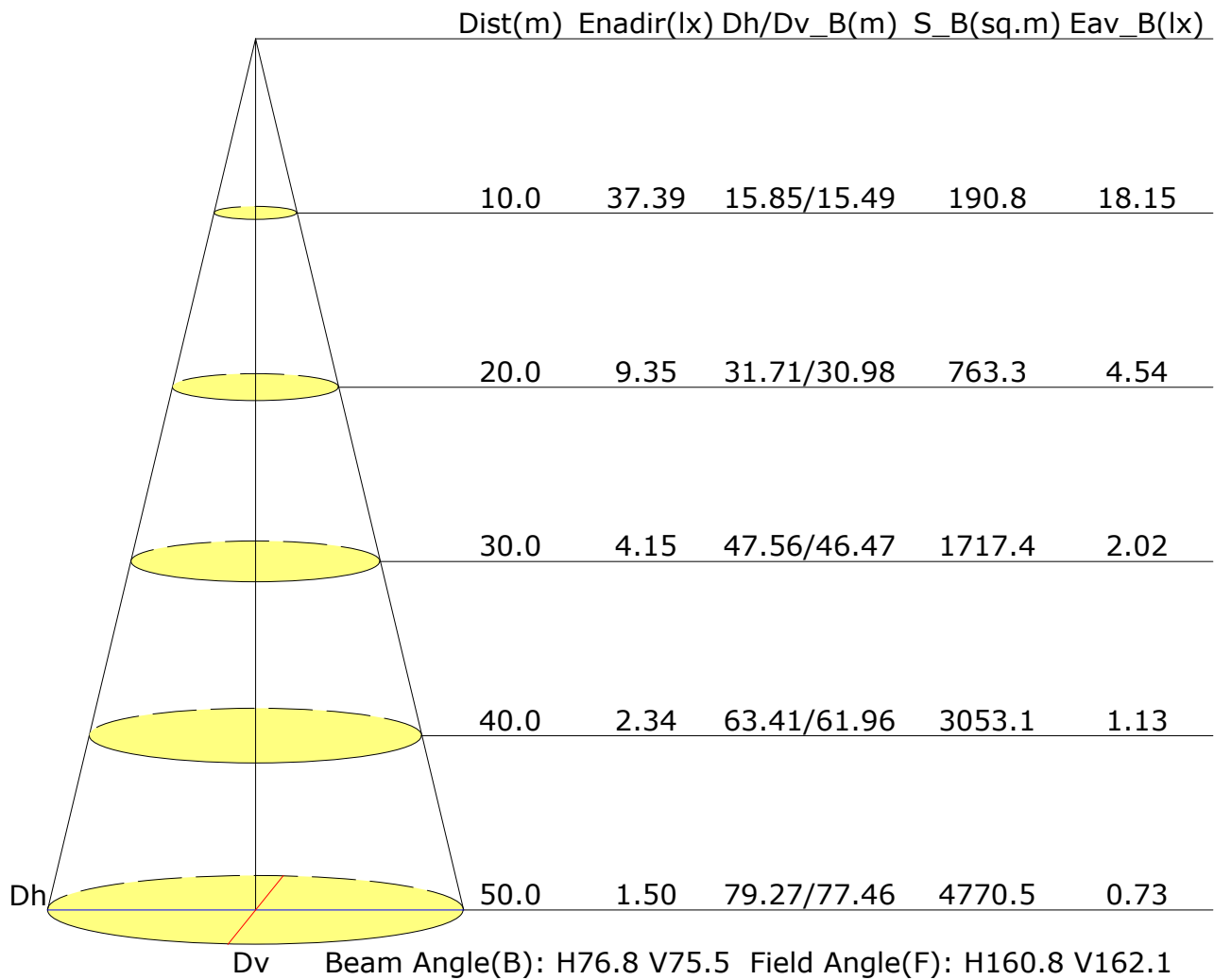
Test Device: LSG-1800B

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: