

Report No.: 1

Test Time: 2019-09-26 14:32

Luminaire Property

Luminaire Category: LED
Luminaire Description: BUL21
Lamp Catalog: COB
Lumens per Lamp: 1453.5 lm
Width (mm): 0 mm
Voltage: 24 V
Power: 16.00 W

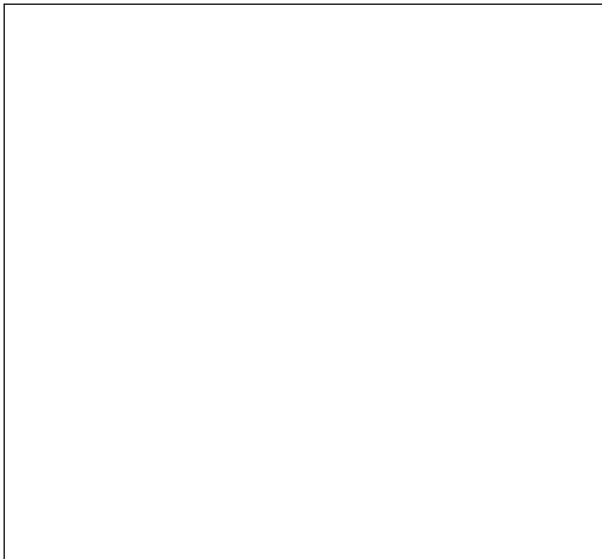
Luminaire Manufacturer:
Number of Lamps: 1
Length (mm): 0 mm
Height (mm): 0 mm
Current: 0.081 A
Power Factor: 0.000

Photometric Results

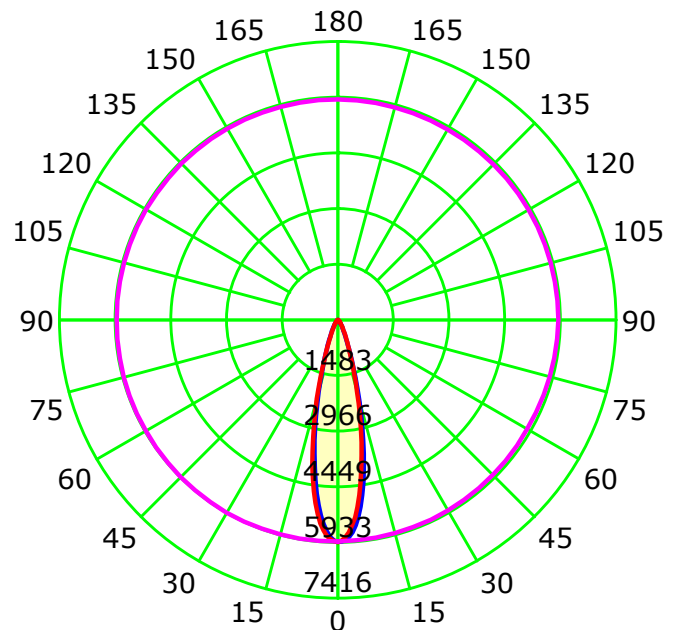
CIE Class: Direct
Measurement Flux: 1453.5 lm
Downward Ratio: 100.00%
Field Angle: H47.1 V46.9
Luminaire Efficacy Rating (LER): 91
Max. Intensity: 5933.01 cd

Total Rated Lamp Lumens: 1453.5 lm
Efficiency: 100.00%
Upward Ratio: 0.00%
Beam Angle: H24.8 V24.7
Central Intensity: 5911.23 cd
Pos of Max. Intensity: H330 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



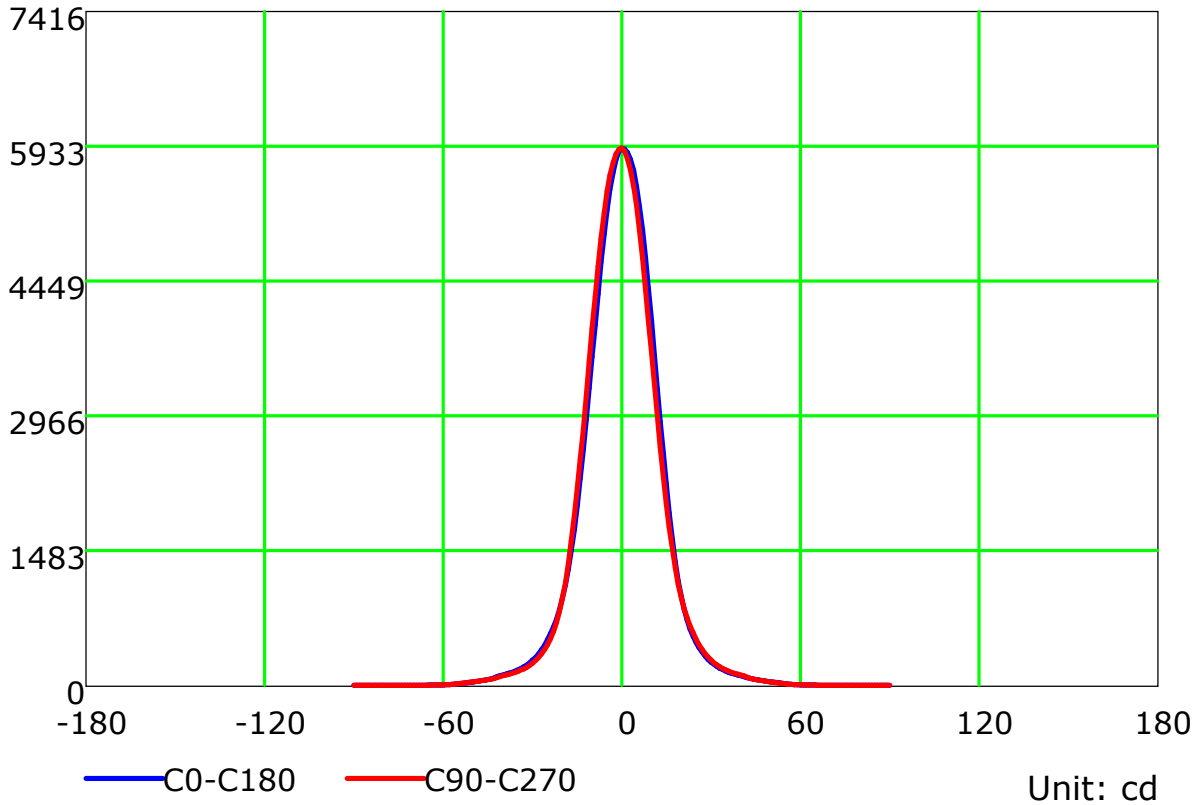
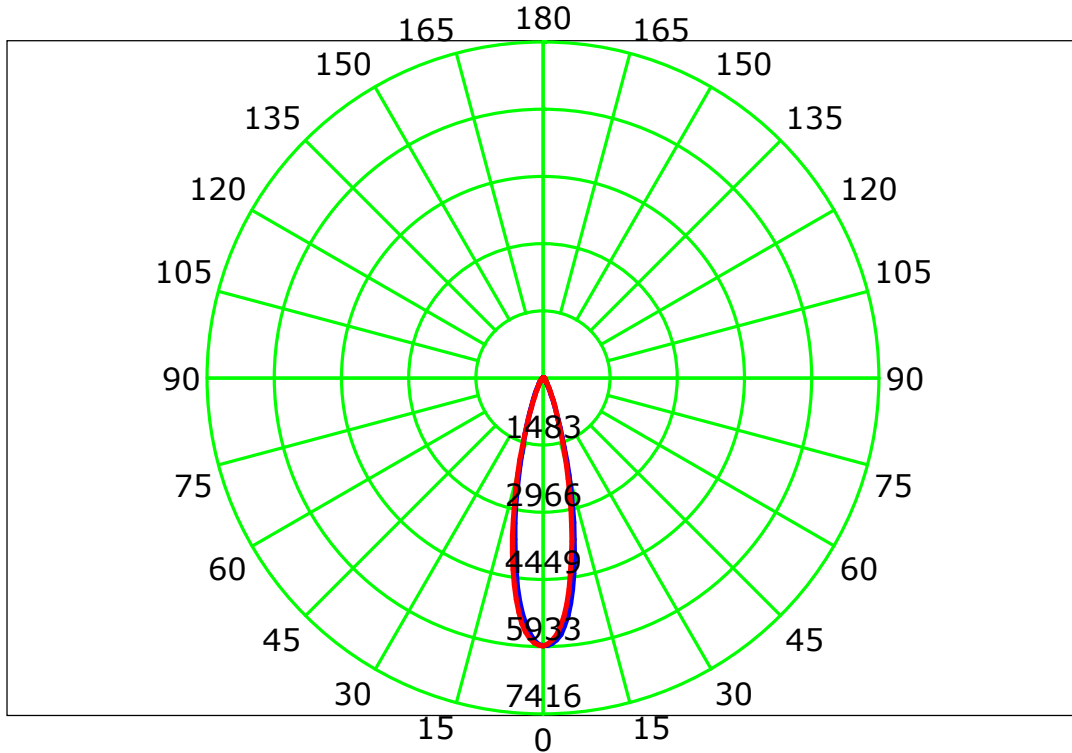
Average Diffuse Angle(50%): 24.7° Unit: cd

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1200A
Distance: 1.000 m
Humidity:
Inspector:

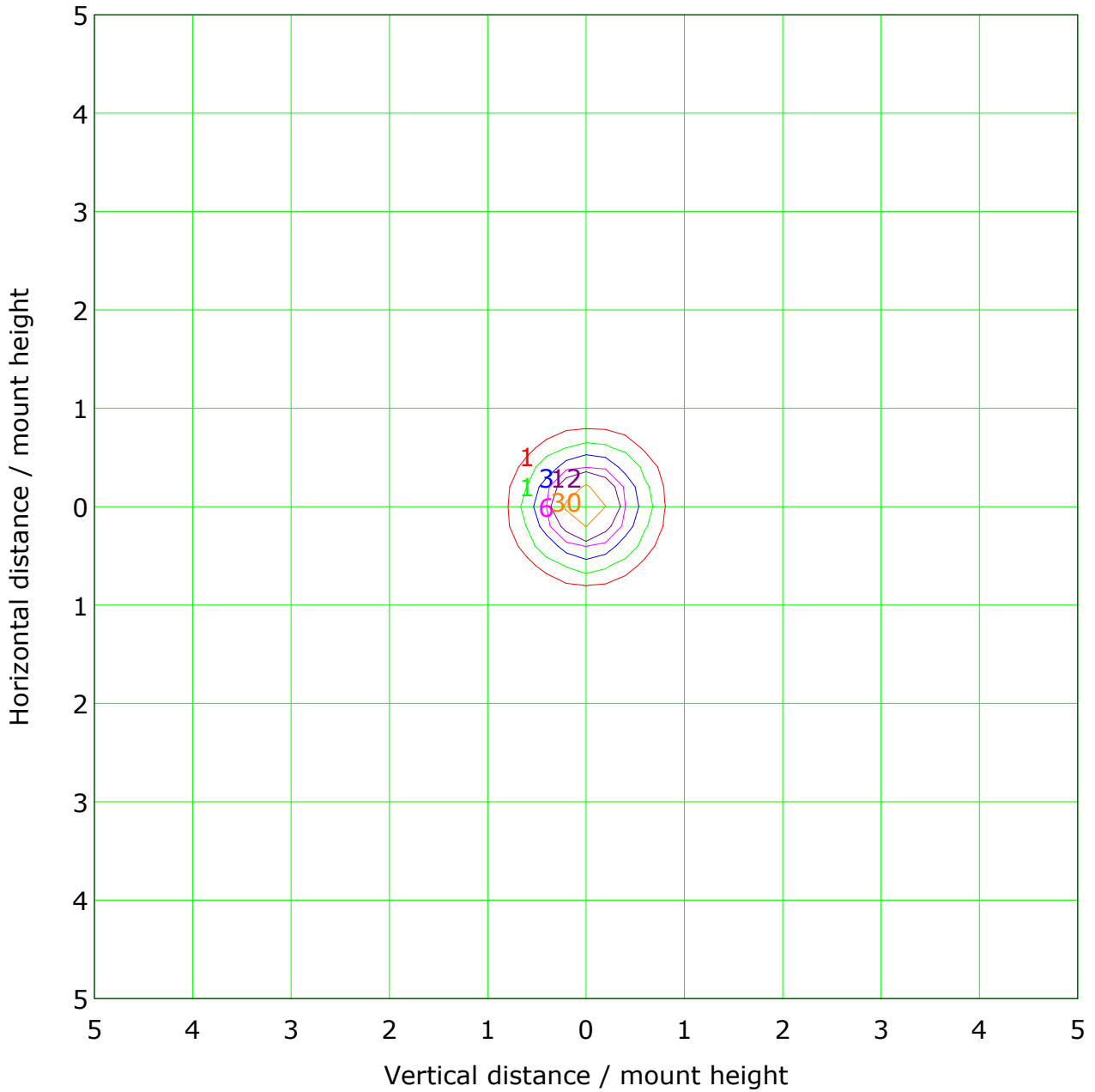
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1200A
Distance: 1.000 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 59.3 lx	
— (1%): 0.6 lx	— (2%): 1.2 lx
— (5%): 3.0 lx	— (10%): 5.9 lx
— (20%): 11.9 lx	— (50%): 29.7 lx
— (100%): 59.3 lx	

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

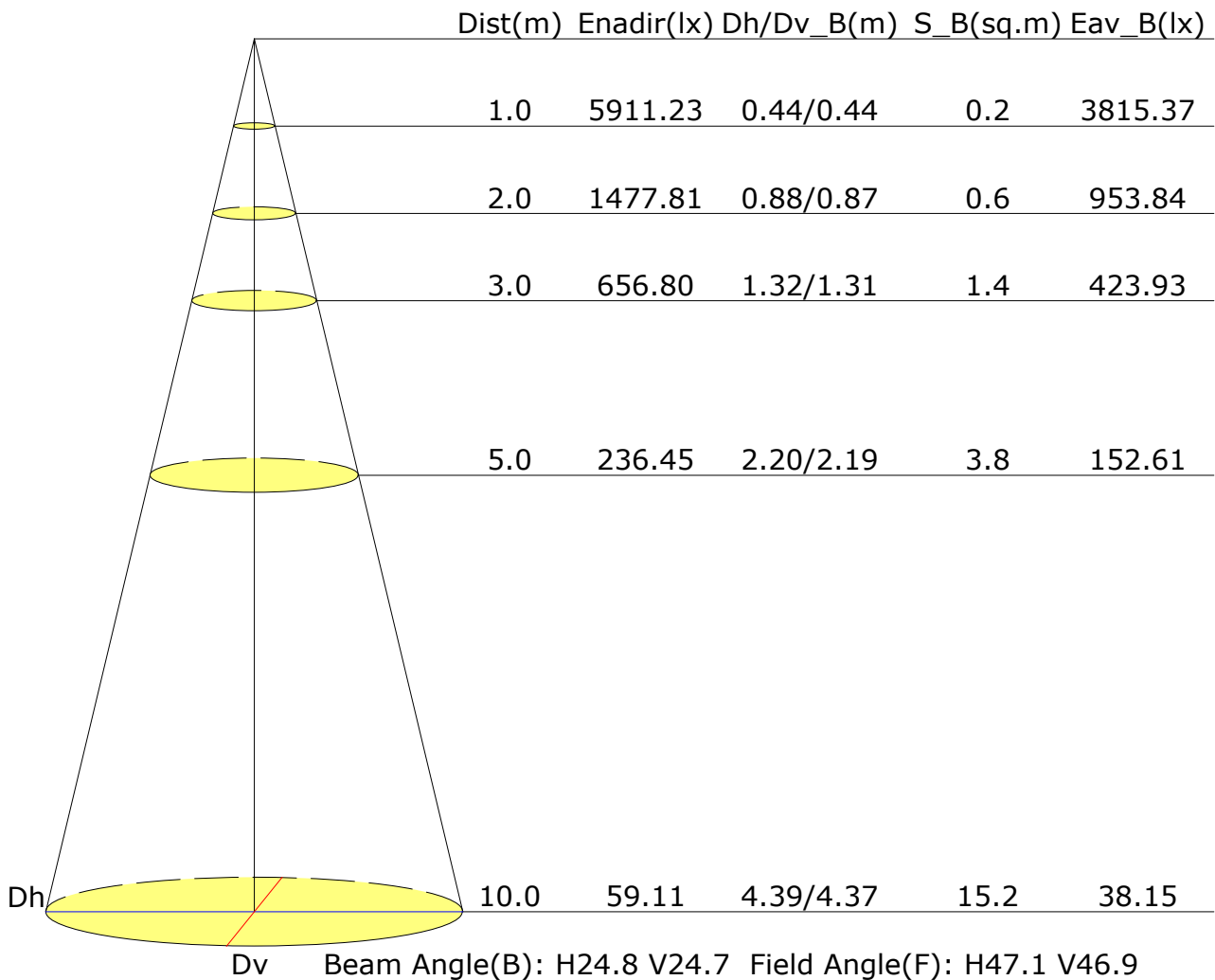
Test Device: GPM-1200A

Distance: 1.000 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1200A

Distance: 1.000 m

Humidity:

Inspector: