

Report No.:

Test Time: 2019-09-24 16:40

## Luminaire Property

Luminaire Category:

Luminaire Description: BBA25

Lamp Catalog: 1512

Number of Lamps: 1

Length (mm): 0 mm

Height (mm): 0 mm

Current: 0.709 A

Power Factor: 1.000

Luminaire Manufacturer:

Lamp Description: CREE

Lumens per Lamp: 833.6 lm

Width (mm): 0 mm

Voltage: 220 V

Power: 17.03 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 833.6 lm

Downward Ratio: 100.00%

Field Angle: H48.6 V48.8

Luminaire Efficacy Rating (LER): 49

Max. Intensity: 3155.49 cd

Total Rated Lamp Lumens: 833.6 lm

Efficiency: 100.00%

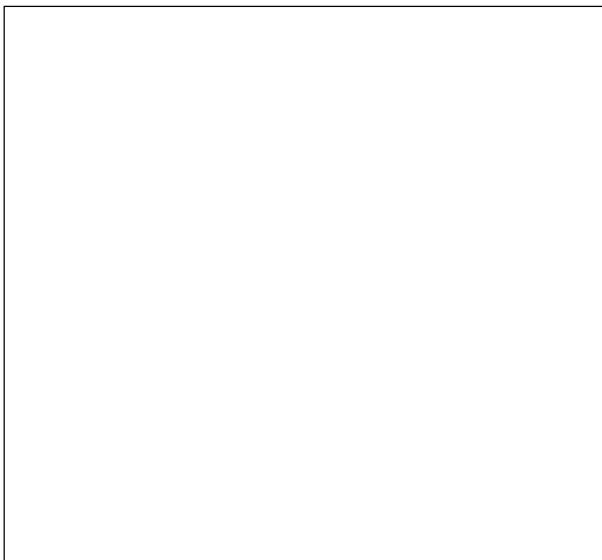
Upward Ratio: 0.00%

Beam Angle: H26.4 V26.4

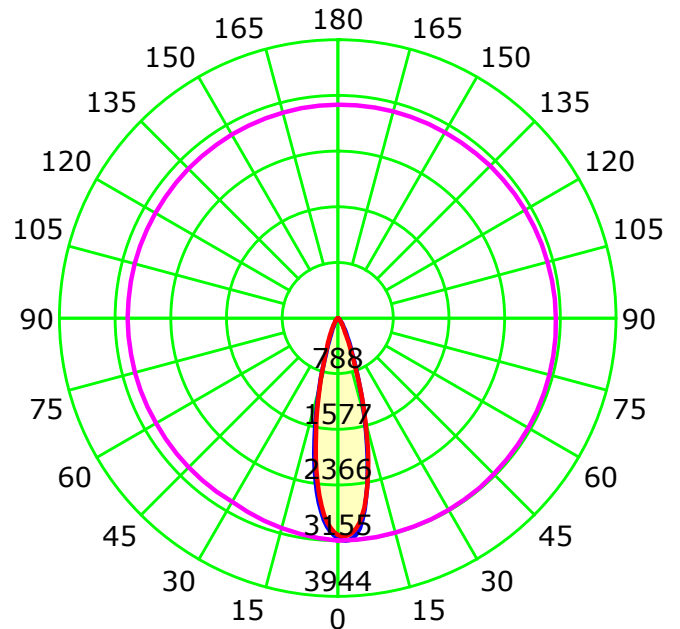
Central Intensity: 3119.2 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 26.4° Unit: cd

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

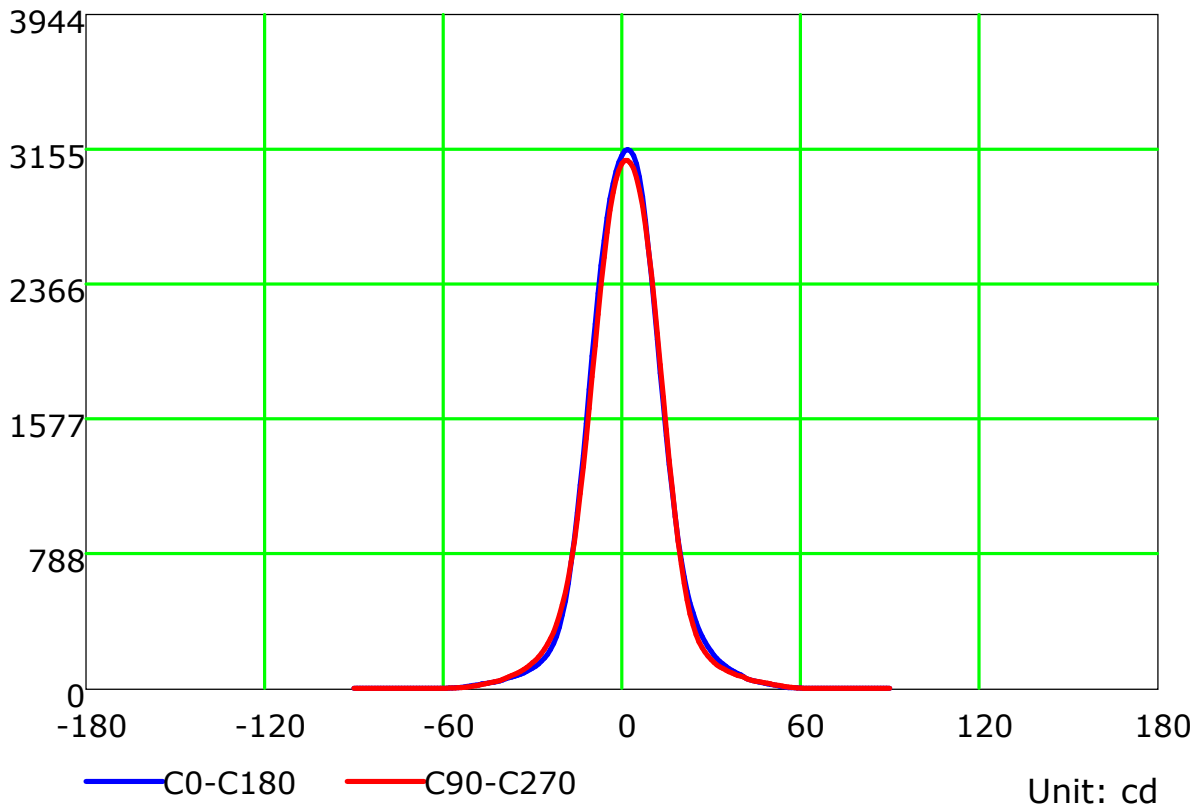
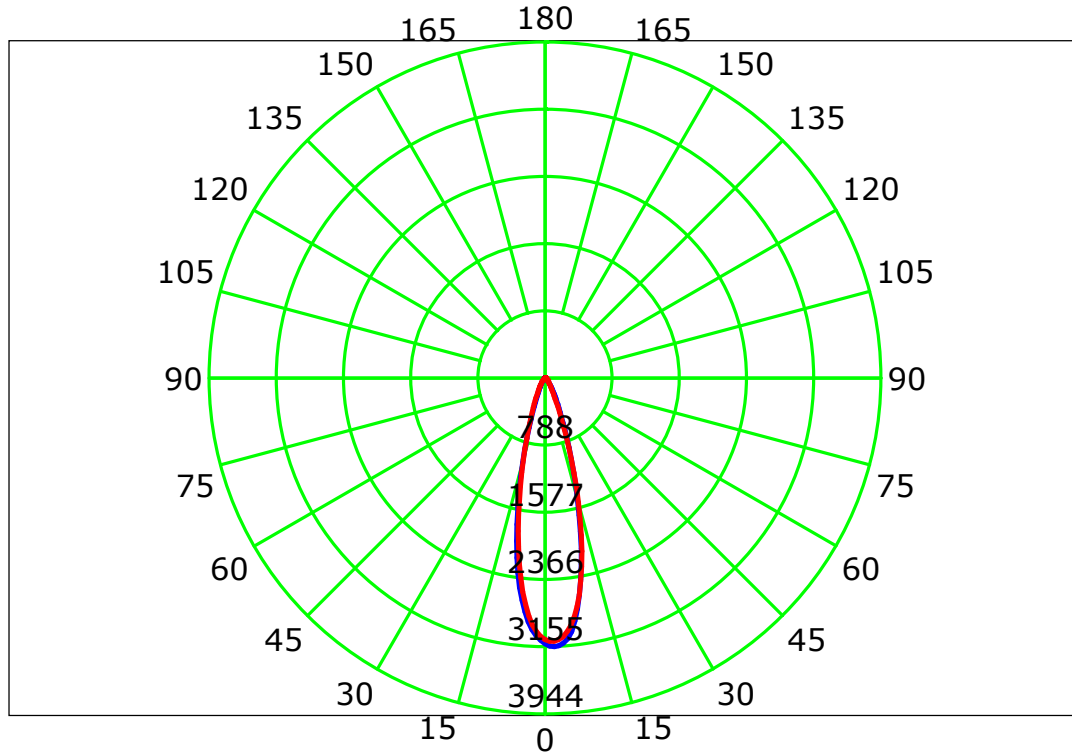
Test Device: GPM-1200A

Distance: 1.000 m

Humidity:

Inspector:

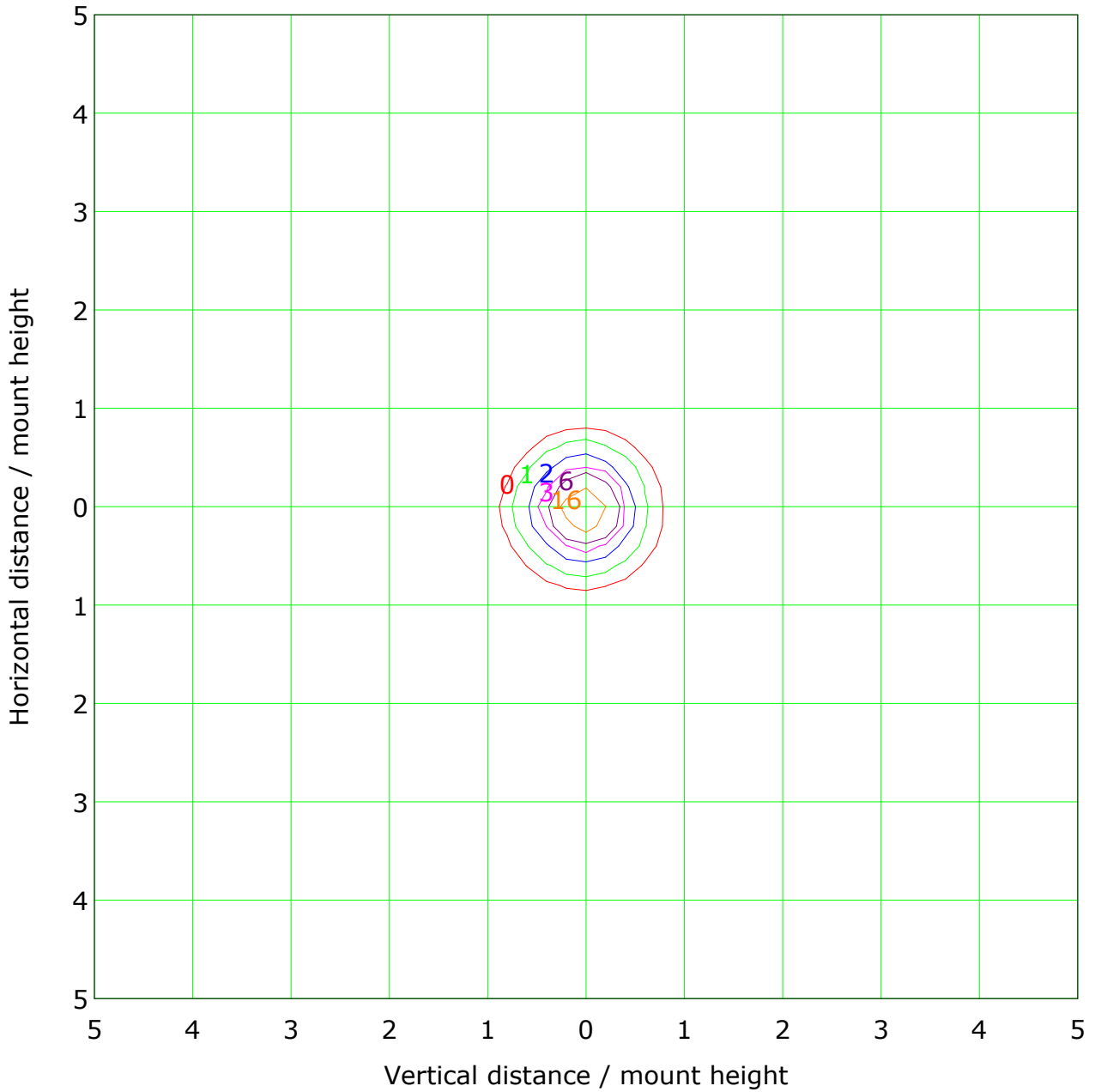
## Luminous Intensity Distribution Curve



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%): 31.5 lx	
— ( 1%): 0.3 lx	— ( 2%): 0.6 lx
— ( 5%): 1.6 lx	— ( 10%): 3.1 lx
— ( 20%): 6.3 lx	— ( 50%): 15.7 lx
— (100%): 31.5 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

