



Test Time: 2021/10/25 15:10

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 1000

Luminous Height (mm):

Current: 0.110 A

Power Factor: 0.950

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 30

Voltage: 220.1 V

Power: 22.96 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1195.6 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 160.2, 161.9, 160.9, 160.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.4, 115.4, 113.6, 113.7

Luminaire Efficacy Rating (LER): 52.12

Max. Intensity: 418.87 cd

S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 1195.6 lm

Efficiency: 100%

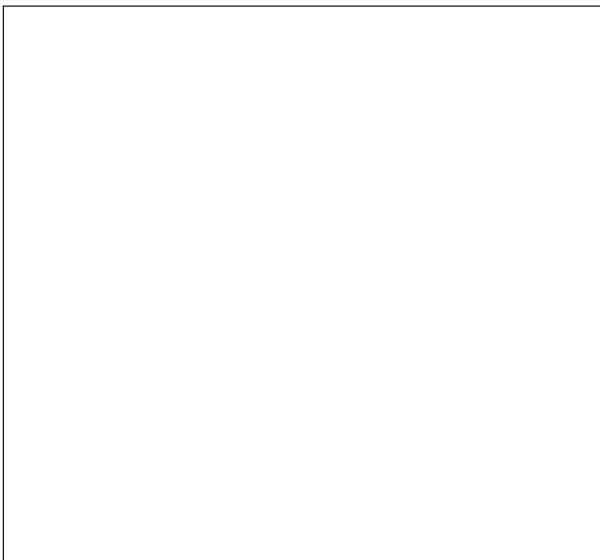
Upward Ratio: 0%

C0r0 Intensity: 409.04 cd

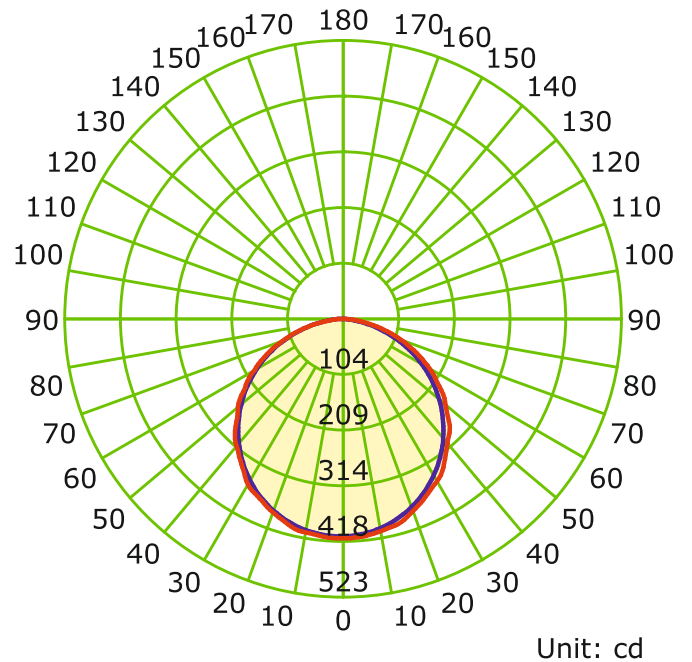
Pos of Max. Intensity: H240 V1

S/MH(C90/C270): 1.28

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

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-1800B

Distance: 6.000 m [K=1.0000]

Humidity:

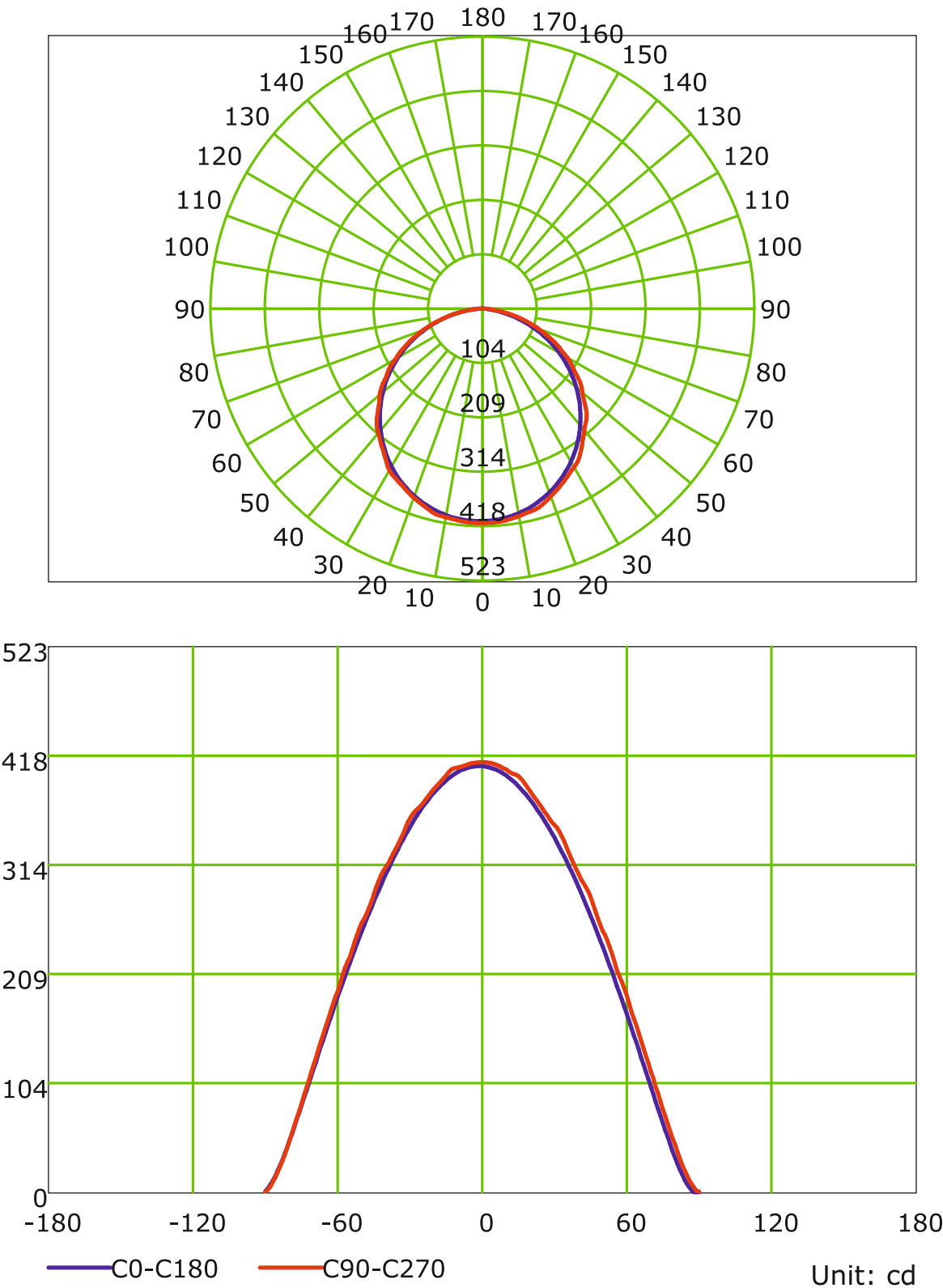
Inspector:



IDEA

/LINO (1000MM | PLAQUETA 3000K)

Luminous Intensity Distribution Curve



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

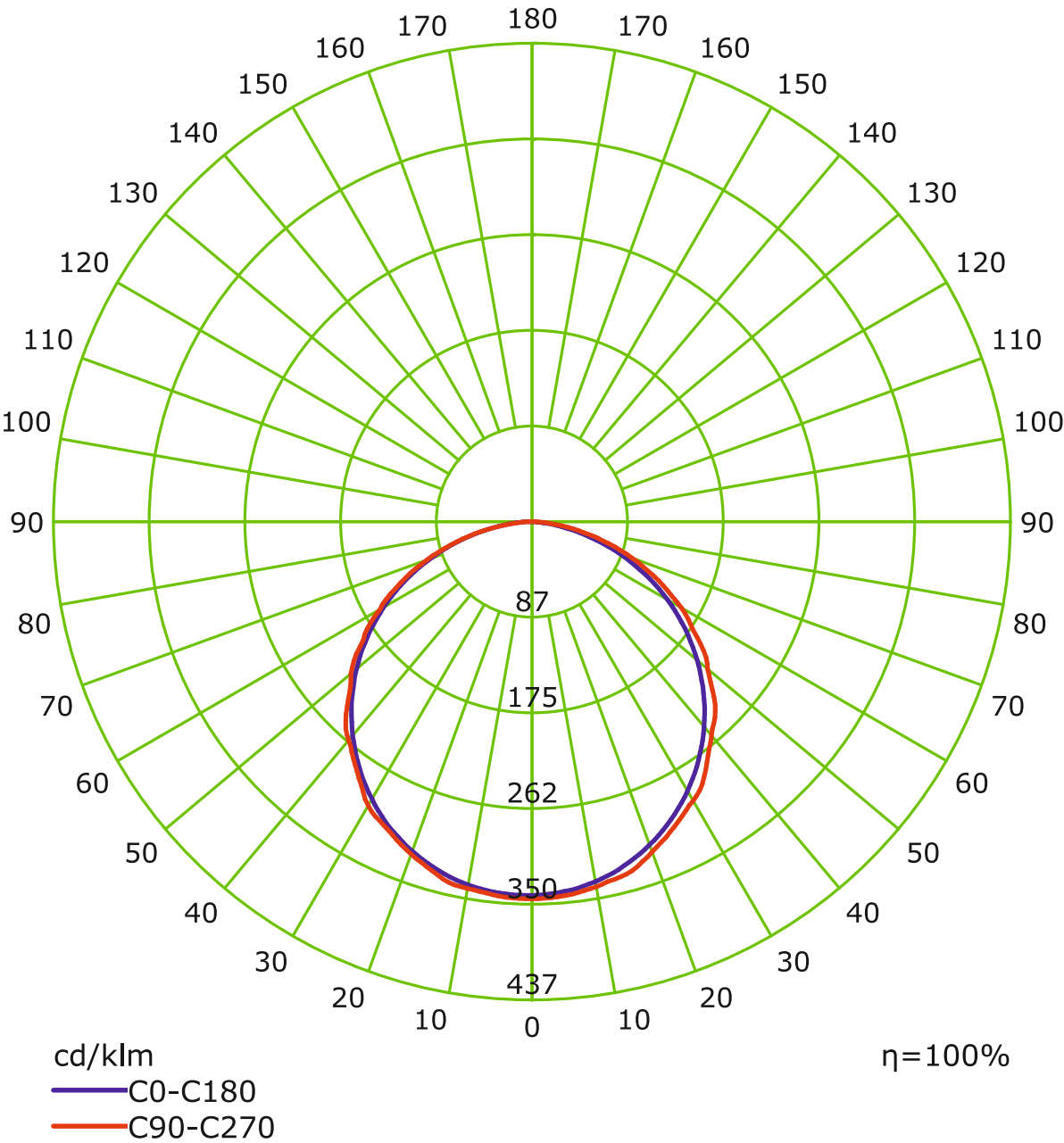
Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 6.000 m [K=1.0000]
Humidity:
Inspector:



IDEA

/LINO (1000MM | PLAQUETA 3000K)

Luminous Intensity Distribution Curve(cd/klm)

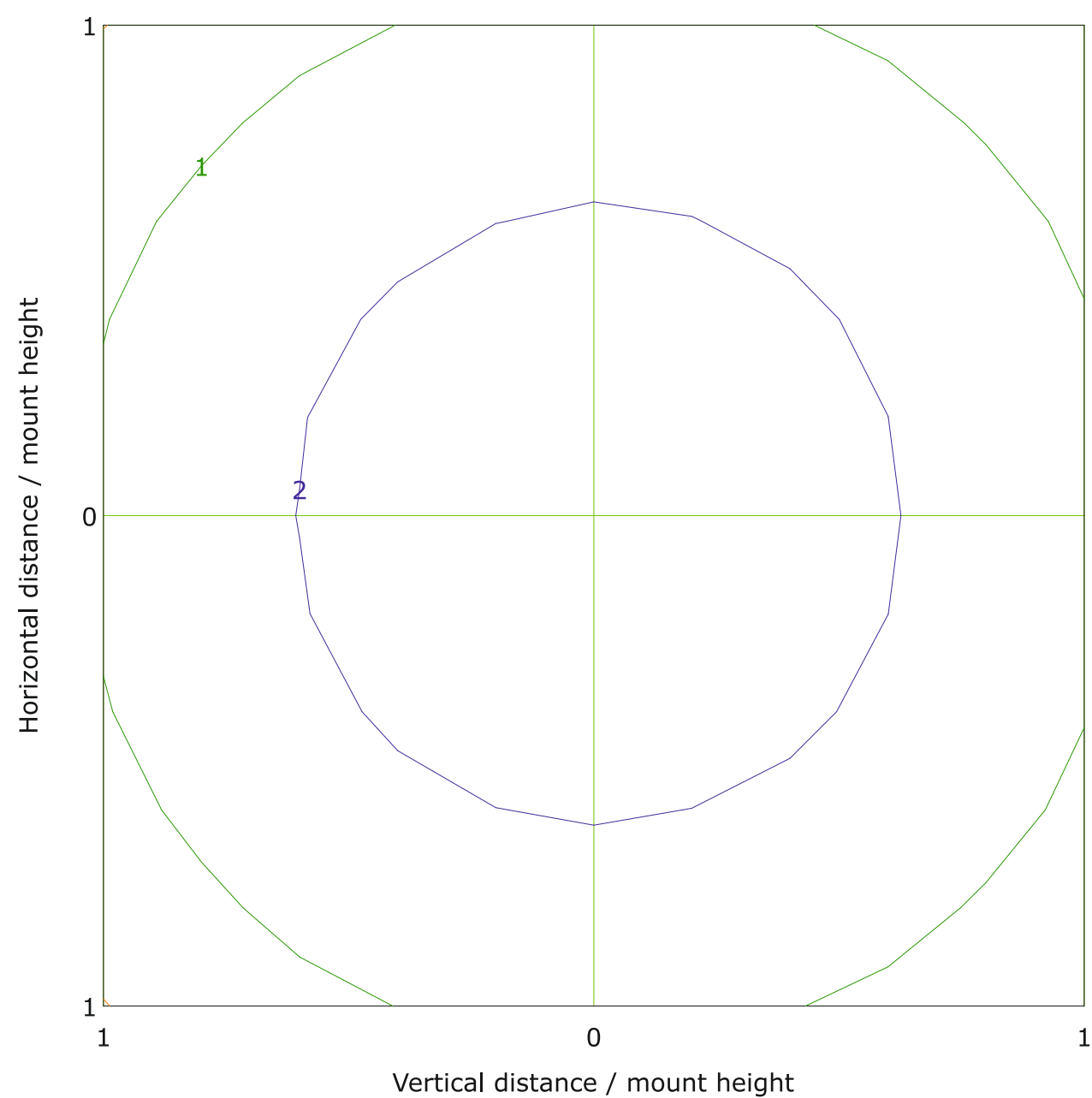


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 6.000 m [K=1.0000]
Humidity:
Inspector:



IsoLux Plot



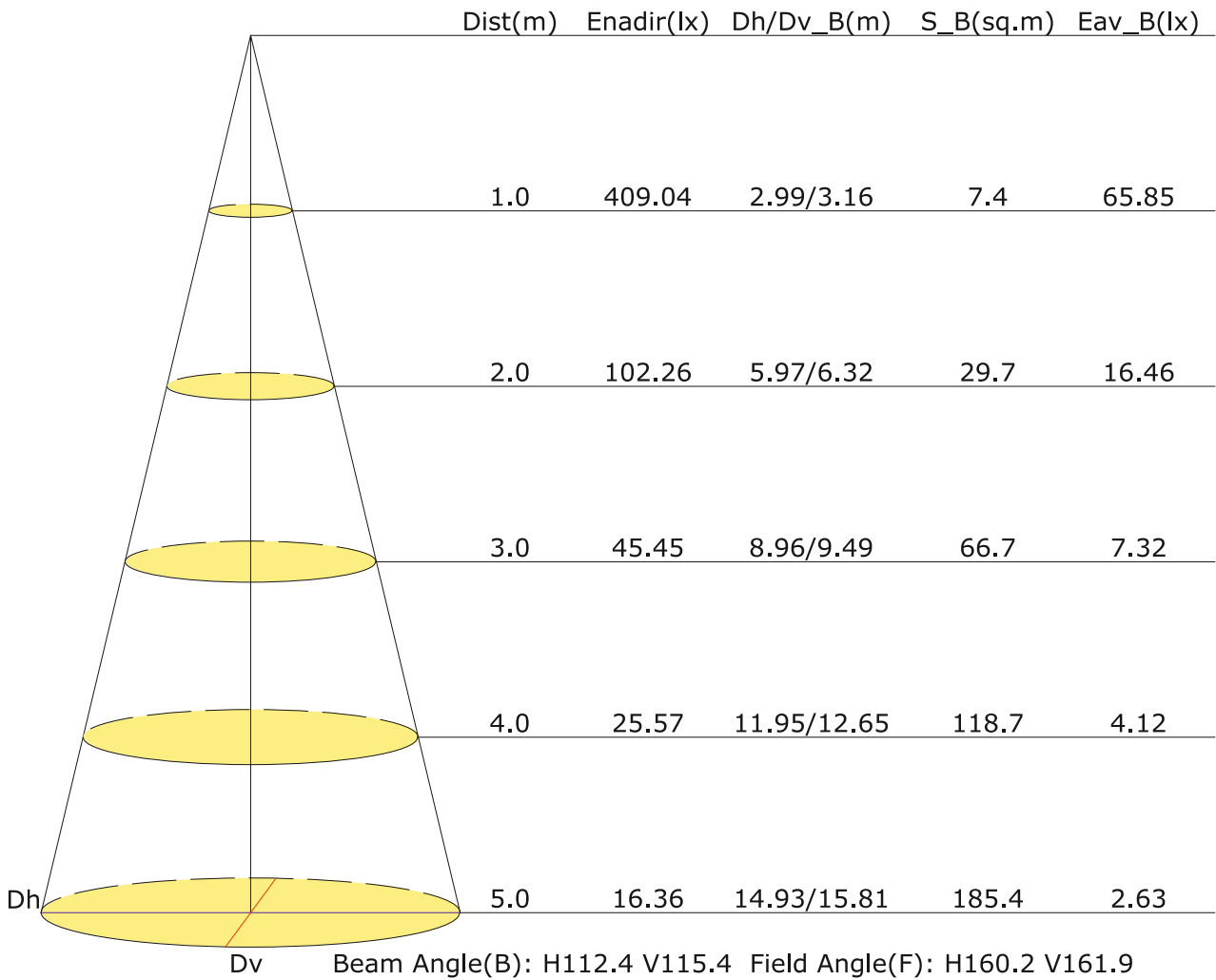
Mounting Height: 10.0m		Max Lux(100%): 4.2 lx	
(1%):	0.0 lx	(2%):	0.1 lx
(3%):	0.1 lx	(4%):	0.2 lx
(5%):	0.2 lx	(10%):	0.4 lx
(20%):	0.8 lx	(50%):	2.1 lx

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-1800B
Distance: 6.000 m [K=1.0000]
Humidity:
Inspector:

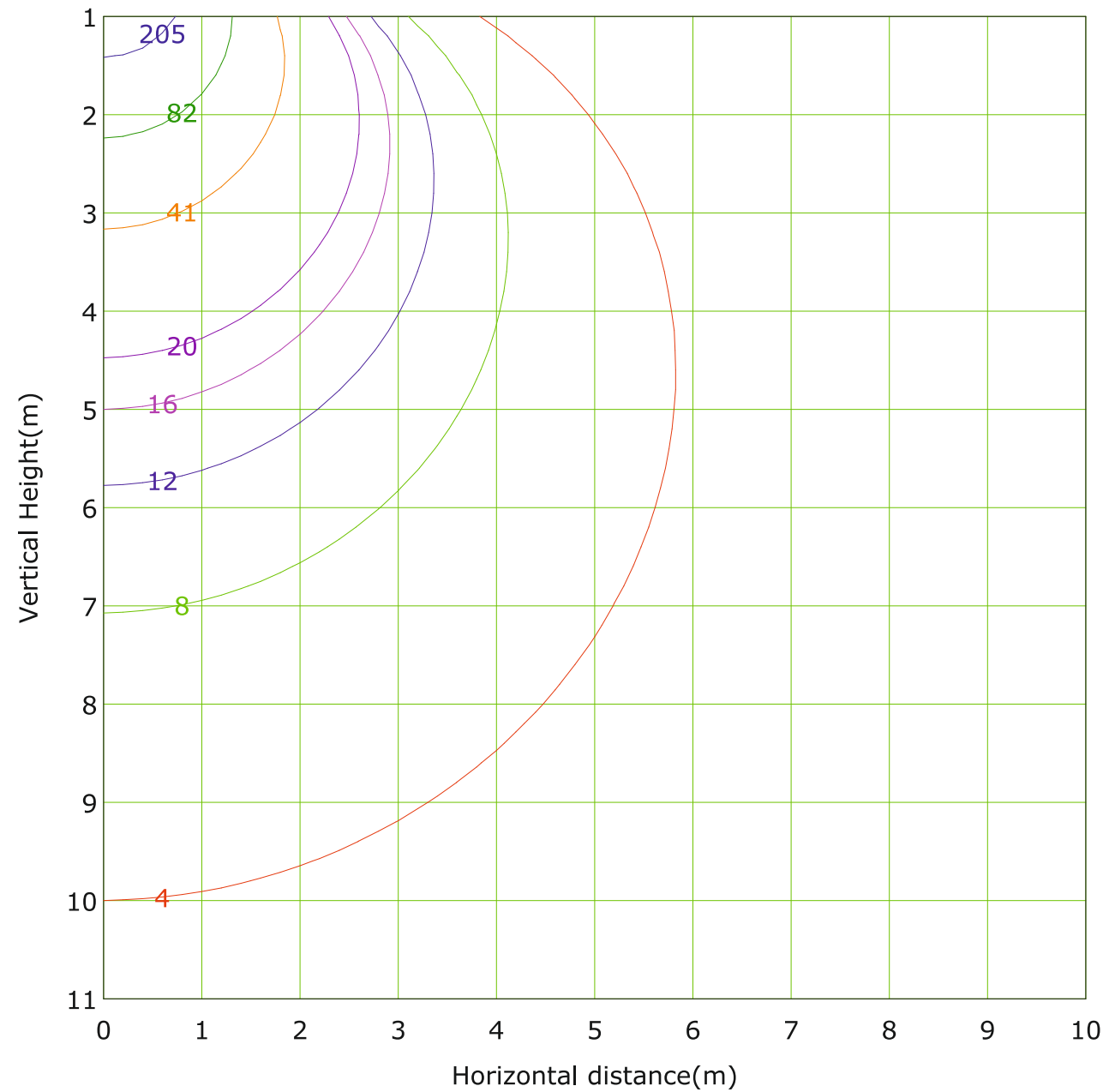


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 409.0 lx

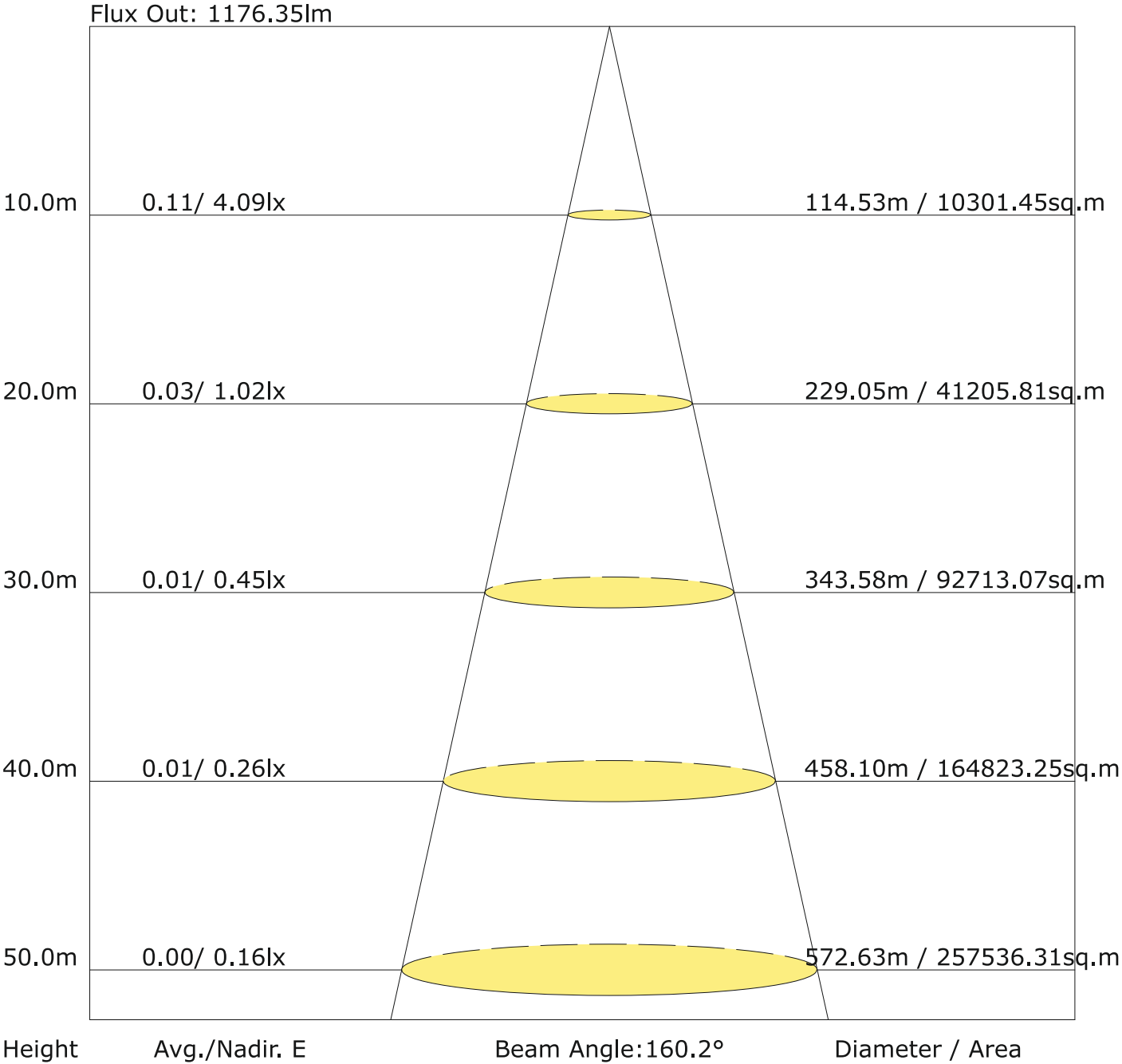
(1%): 4.1 lx	(2%): 8.2 lx
(3%): 12.3 lx	(4%): 16.4 lx
(5%): 20.5 lx	(10%): 40.9 lx
(20%): 81.8 lx	(50%): 204.5 lx

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-1800B
Distance: 6.000 m [K=1.0000]
Humidity:
Inspector:



The Average Illuminance Effective Figure





UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	21.1	22.5	21.4	22.7	23.0	21.5	22.9	21.8	23.1	23.4
3H	22.5	23.8	22.8	24.1	24.3	23.1	24.4	23.4	24.6	24.9
4H	23.0	24.2	23.4	24.5	24.8	23.7	24.9	24.0	25.2	25.5
6H	23.3	24.4	23.7	24.7	25.1	24.1	25.2	24.5	25.6	25.9
8H	23.4	24.4	23.7	24.8	25.1	24.2	25.3	24.6	25.6	26.0
12H	23.4	24.4	23.8	24.7	25.1	24.3	25.3	24.7	25.7	26.0
X=4H Y=2H	21.8	23.0	22.1	23.3	23.6	22.1	23.3	22.4	23.6	23.9
3H	23.4	24.4	23.8	24.7	25.1	23.9	24.9	24.2	25.2	25.6
4H	24.0	24.9	24.4	25.3	25.7	24.6	25.5	25.0	25.9	26.2
6H	24.4	25.2	24.8	25.6	26.0	25.1	25.9	25.5	26.3	26.7
8H	24.5	25.2	24.9	25.6	26.0	25.3	26.0	25.7	26.4	26.9
12H	24.5	25.2	24.9	25.6	26.0	25.4	26.1	25.8	26.5	26.9
X=8H Y=4H	24.3	25.0	24.7	25.4	25.8	24.8	25.6	25.2	26.0	26.4
6H	24.8	25.4	25.2	25.8	26.3	25.4	26.0	25.9	26.5	27.0
8H	24.9	25.4	25.4	25.9	26.4	25.7	26.2	26.1	26.7	27.1
12H	24.9	25.4	25.4	25.9	26.4	25.8	26.3	26.3	26.7	27.2
X=12H Y=4H	24.3	25.0	24.7	25.4	25.8	24.8	25.5	25.3	25.9	26.3
6H	24.8	25.3	25.3	25.8	26.3	25.5	26.0	25.9	26.5	26.9
8H	24.9	25.4	25.4	25.9	26.4	25.7	26.2	26.2	26.6	27.1
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.1				
S=1.5H	+0.3/-0.5					+0.3/-0.4				
S=2.0H	+0.5/-0.9					+0.5/-0.7				

Calculate in accordance with CIE Pub.117. The table is revised with 1196lm ($8\log(F/F_0) = 0.6$).

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Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1800B

Distance: 6.000 m [K=1.0000]

Humidity:

Inspector:



LED Average Luminance Report

Avg.L	cd/m^2
L 0-180(65) av	11463.06
L 0-180(75) av	9684.37
L 0-180(85) av	5451.93
L 90-270(65) av	12310.95
L 90-270(75) av	10622.61
L 90-270(85) av	6782.88
L 45(65) av	11942.42
L 45(75) av	10191.00
L 45(85) av	6023.70

Standard: GB/T 29293-2012