

Report No.:

Test Time: 08.04.2019 09:15

## Luminaire Property

Luminaire Manufacturer:

Lamp Description: FG61 2x96LED 0,6A 60W 5000K

Luminous Length (mm): 1500

Luminous Width (mm): 60

Luminous Height (mm): 80

Voltage: 231.9 V

Current: 0.276 A

Power: 61.62 W

Power Factor: 0.961

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 8252.0 lm

Measurement Flux: 8252 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 150.6, 146.5, 148.6, 148.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 95.7, 89.4, 90.8, 91.3

Luminaire Efficacy Rating (LER): 133.89

Central Intensity: 3763.01 cd

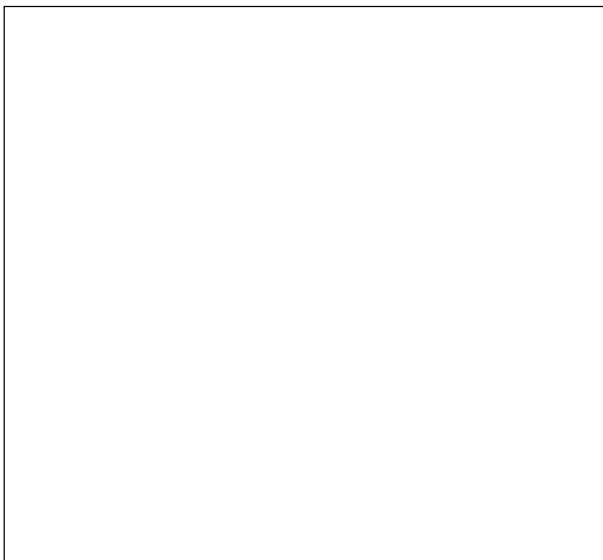
Max. Intensity: 3763.83 cd

Pos of Max. Intensity: H180 V1

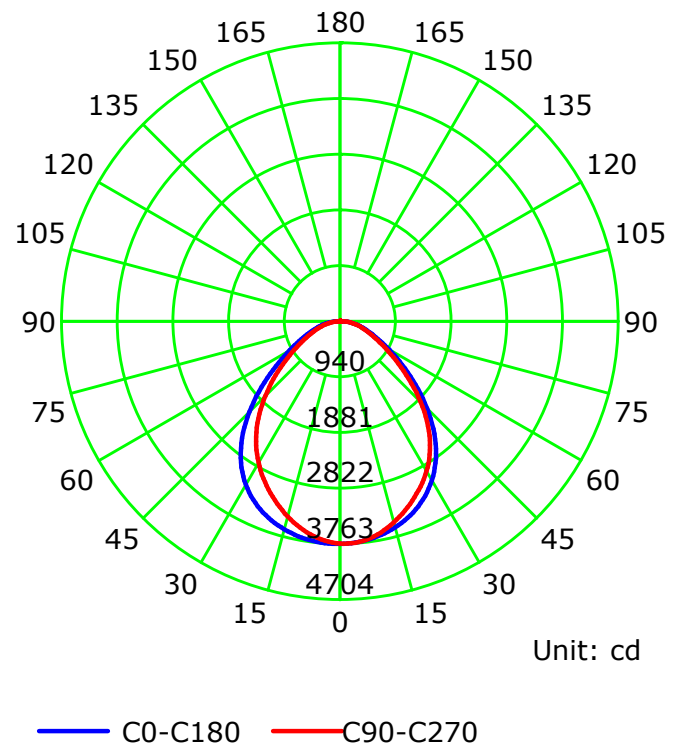
S/MH(C0/C180): 1.24

S/MH(C90/C270): 1.14

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

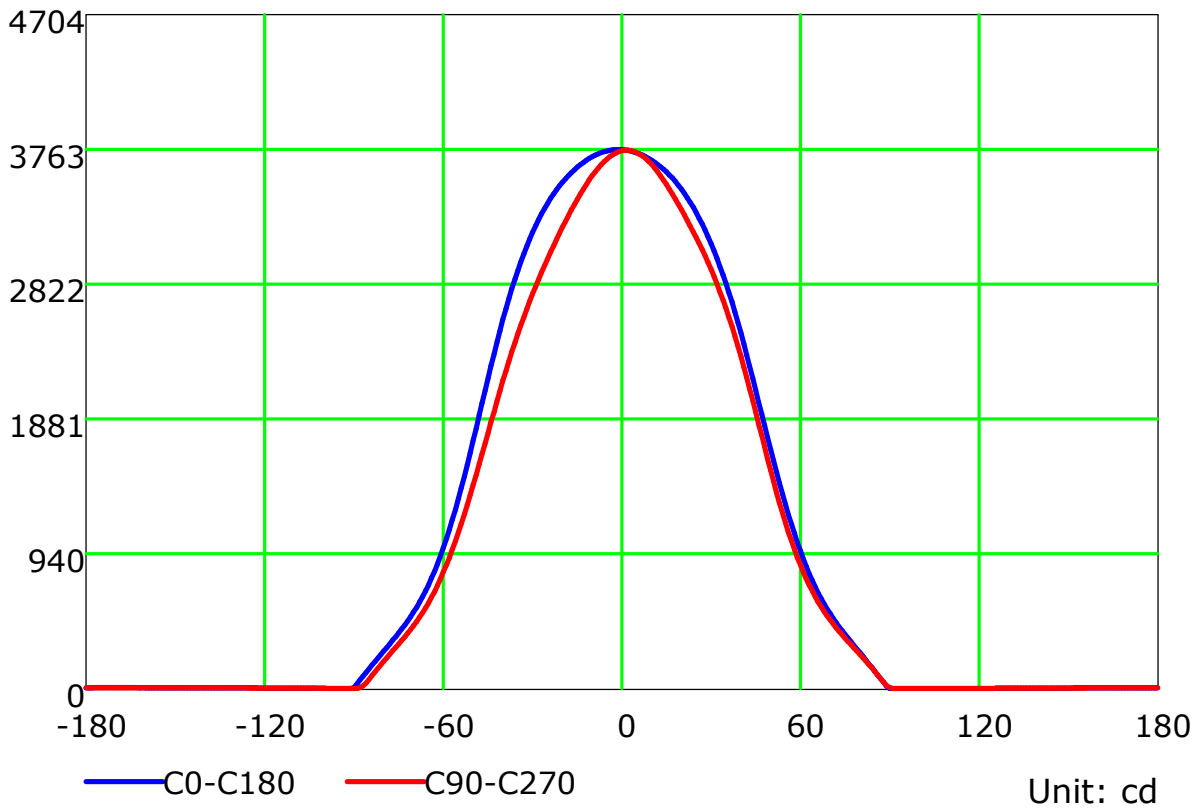
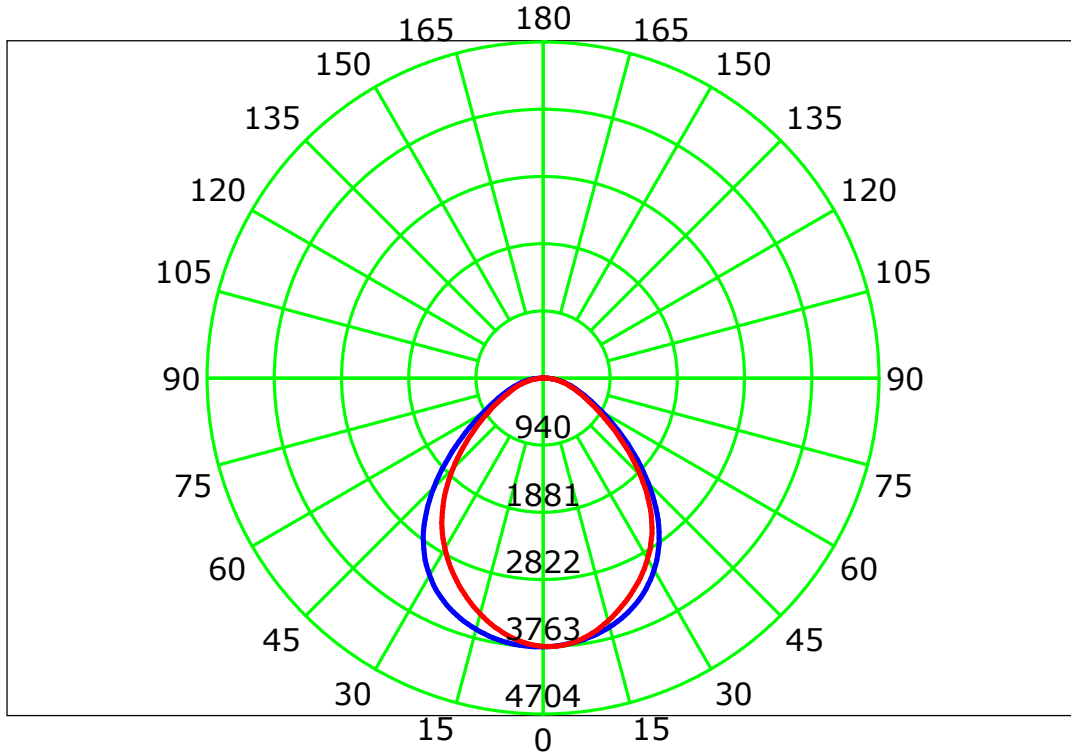
Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve

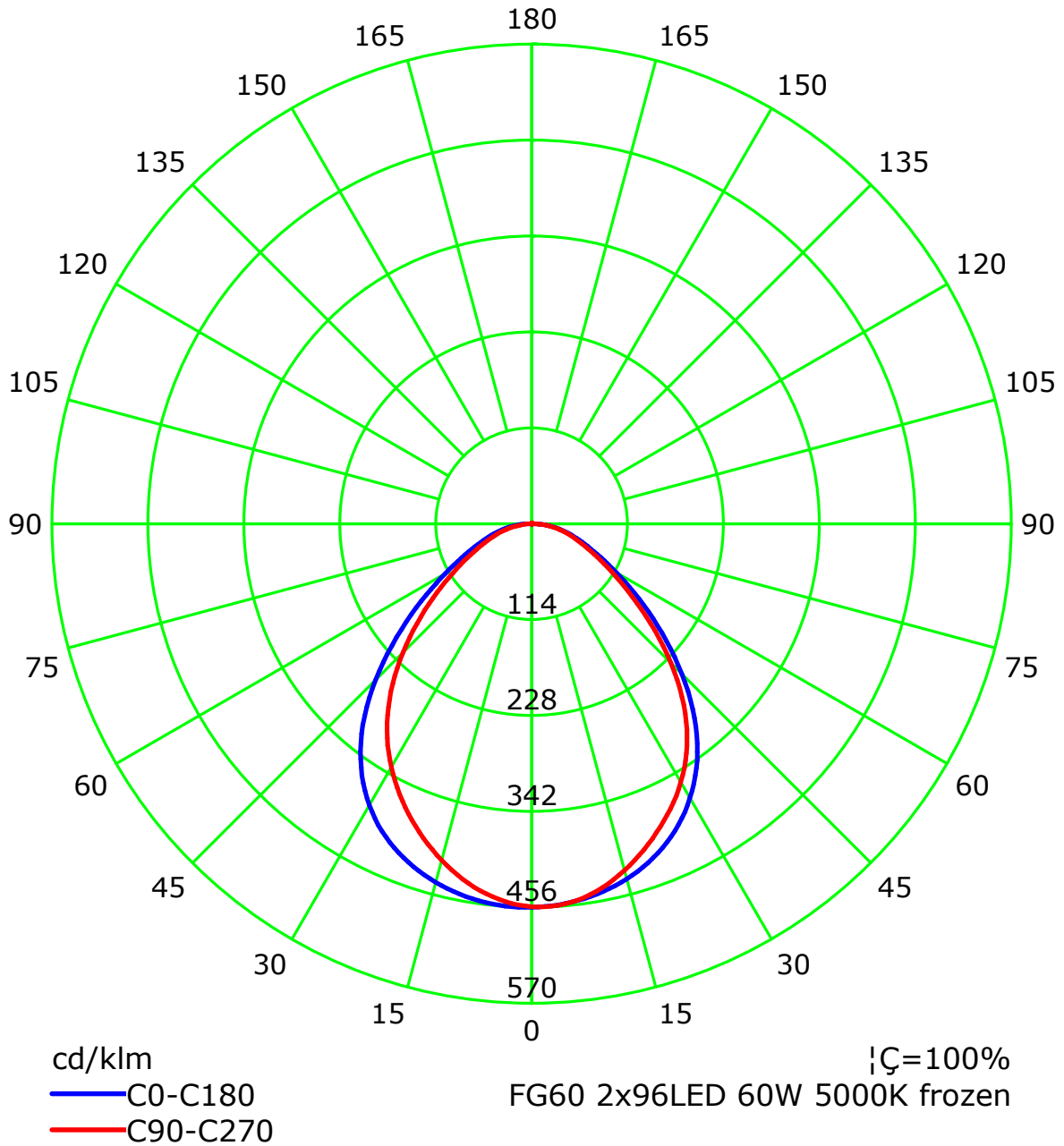


C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1800B  
 Distance: 12.654 m  
 Humidity:  
 Inspector:

Unit: cd

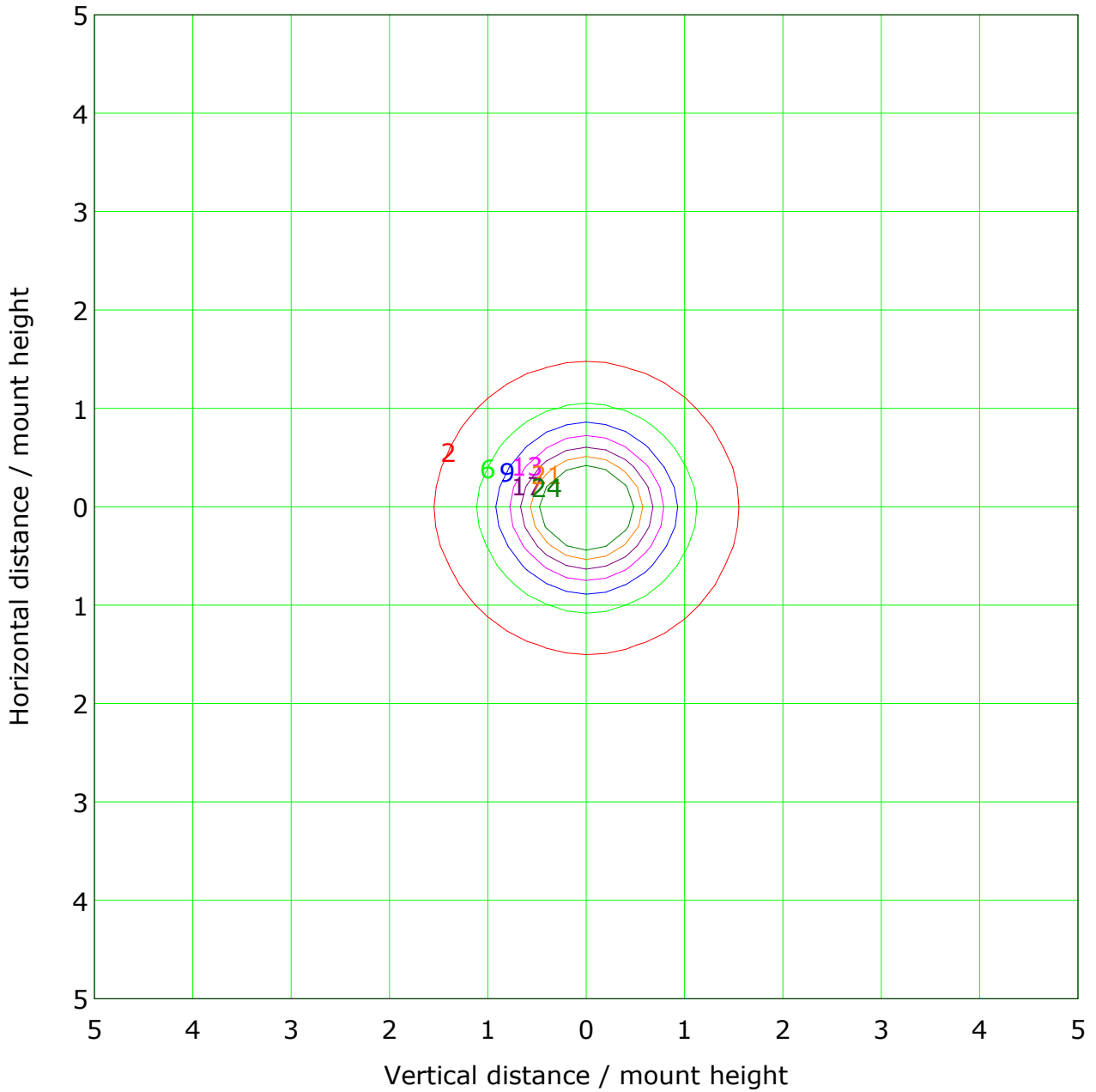
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1800B  
 Distance: 12.654 m  
 Humidity:  
 Inspector:

# IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 37.6 lx	
— ( 5%):	1.9 lx	— ( 15%):	5.6 lx
— ( 25%):	9.4 lx	— ( 35%):	13.2 lx
— ( 45%):	16.9 lx	— ( 55%):	20.7 lx
— ( 65%):	24.5 lx		

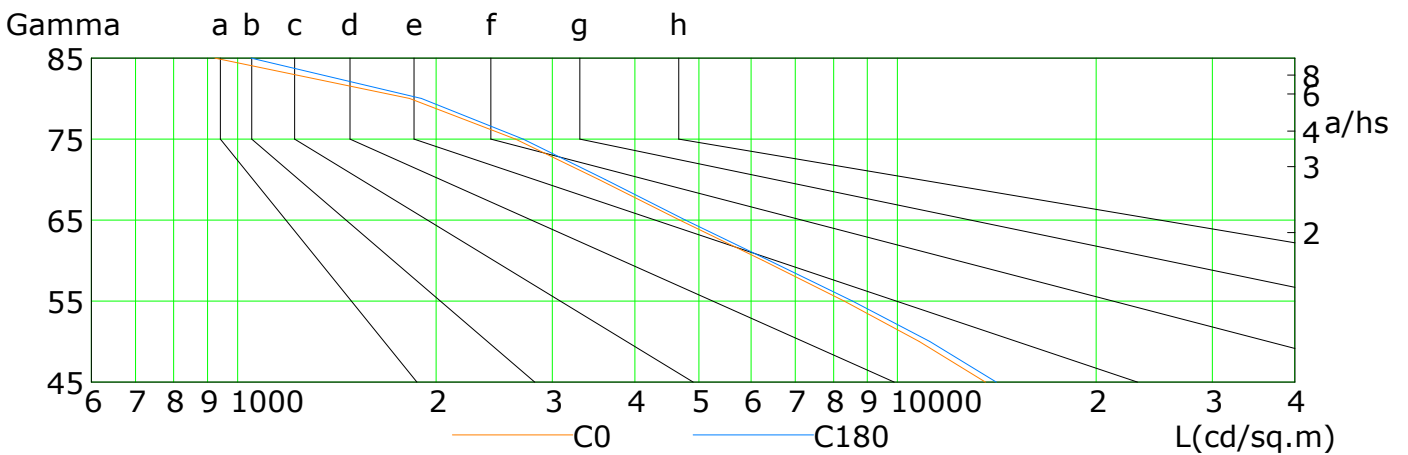
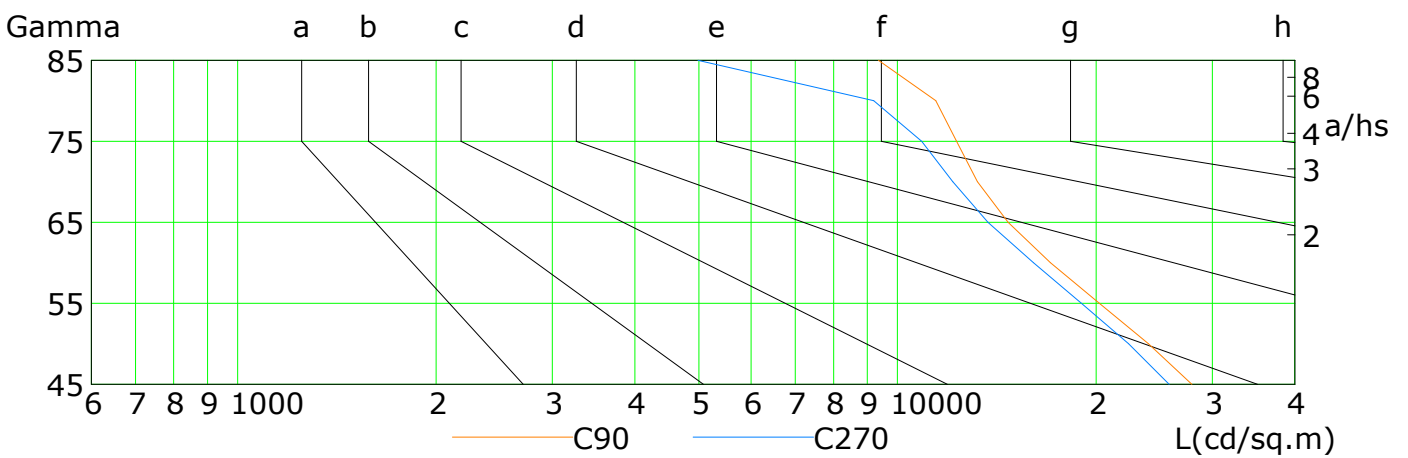
C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1800B  
 Distance: 12.654 m  
 Humidity:  
 Inspector:

## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

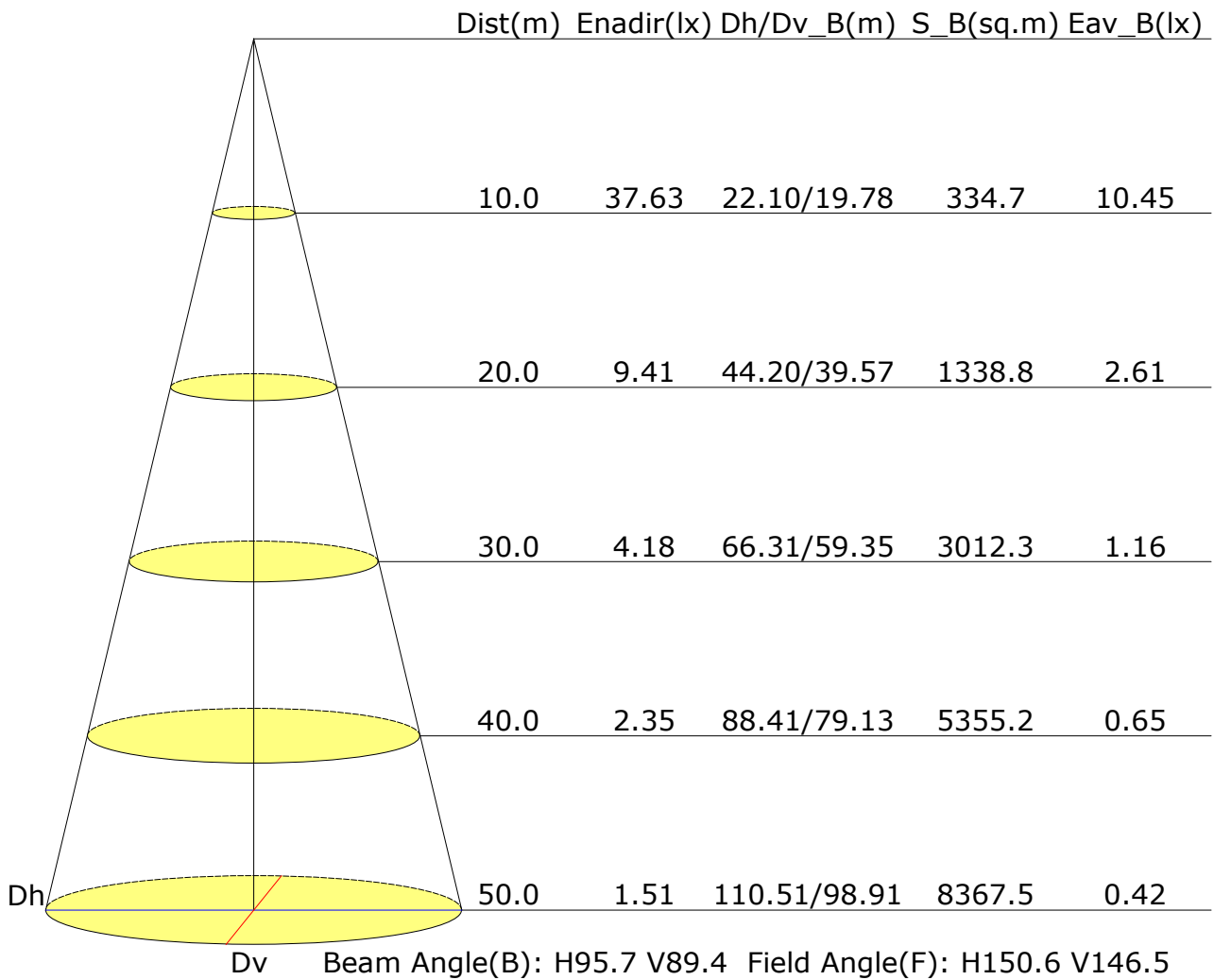


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13590	10780	8307	6254	4677	3527	2637	1823	924
C90	27947	23996	20228	17057	14714	13218	12295	11425	9358
C180	14115	11187	8551	6386	4773	3604	2707	1900	1048
C270	25815	22387	19010	16062	13706	12123	10881	9202	4987

C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1800B  
 Distance: 12.654 m  
 Humidity:  
 Inspector:

## Illuminance at a Distance



C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1800B

Distance: 12.654 m

Humidity:

Inspector: