

Report No.: 27.09.2017 15:15

Test Time: 02.10.2017 09:00

Luminaire Property

Luminaire Manufacturer:

Lamp Description: FP 220 33LED 60W

Current: 0.254 A

Power Factor: 0.984

Voltage: 231.7 V

Power: 58.03 W

Photometric Results

CIE Class: Direct

Measurement Flux: 6278.9 lm

Downward Ratio: 99%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 153.7, 158.3, 156.6, 156.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.0, 114.7, 114.9, 114.8

Luminaire Efficacy Rating (LER): 108.25

Max. Intensity: 2171.29 cd

S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 6278.9 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 2171.28 cd

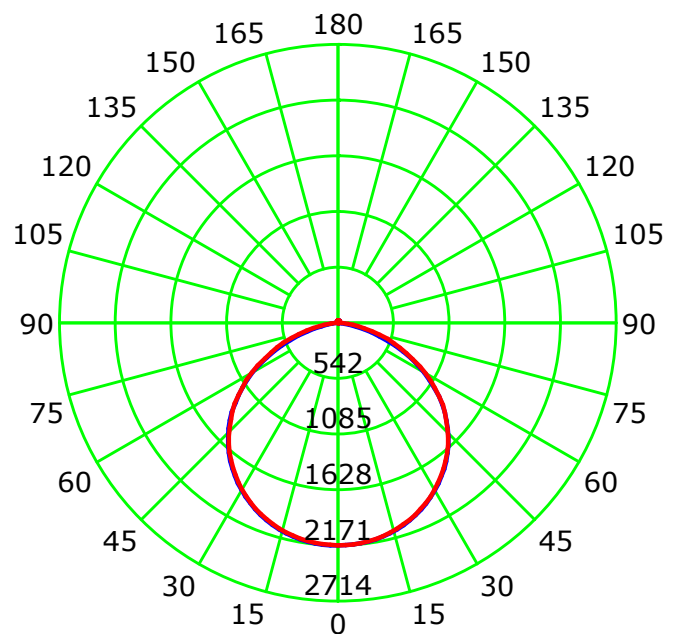
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 1.28

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

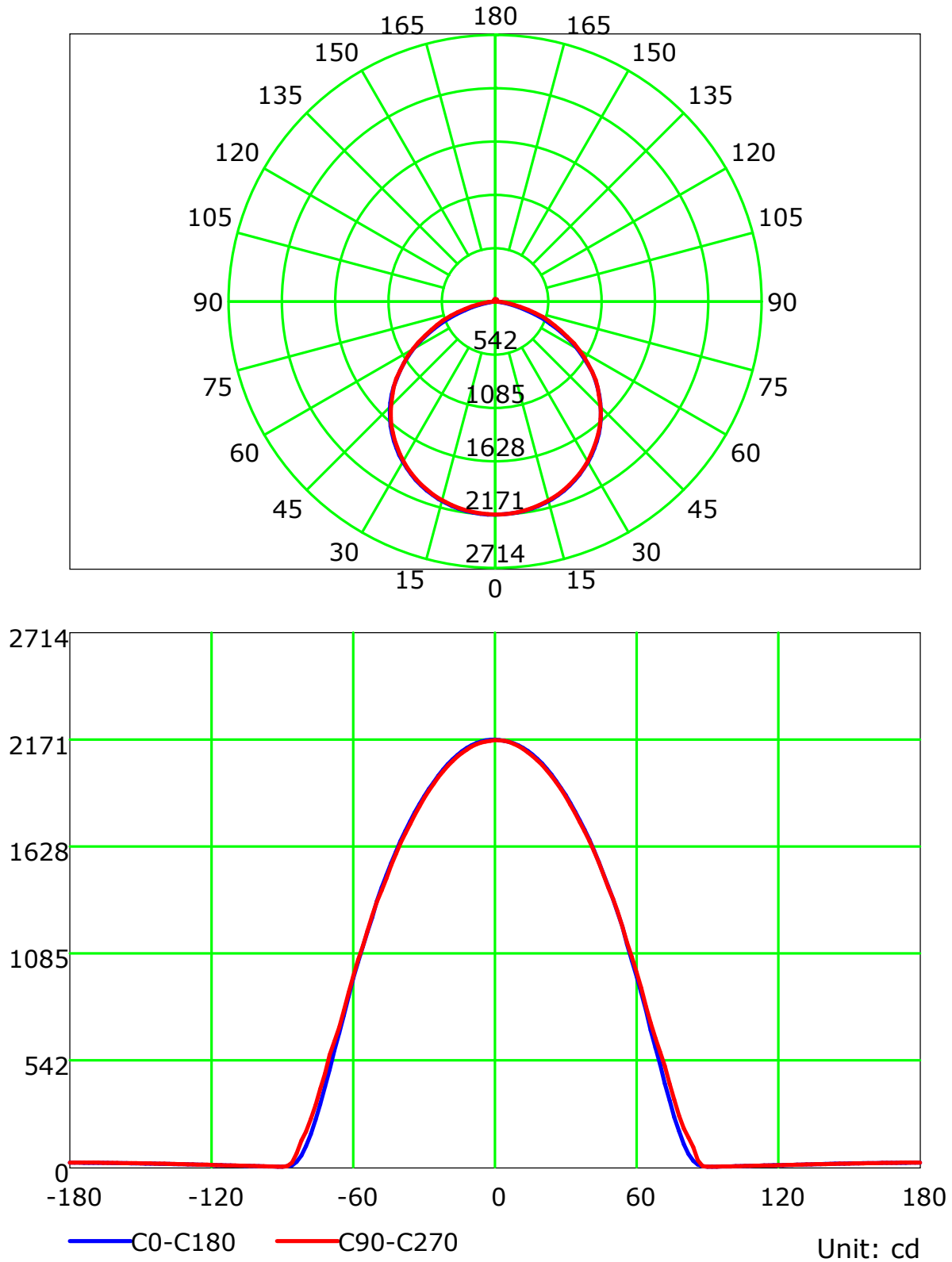
Test Device: LSG-1800B

Distance: 12.606 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

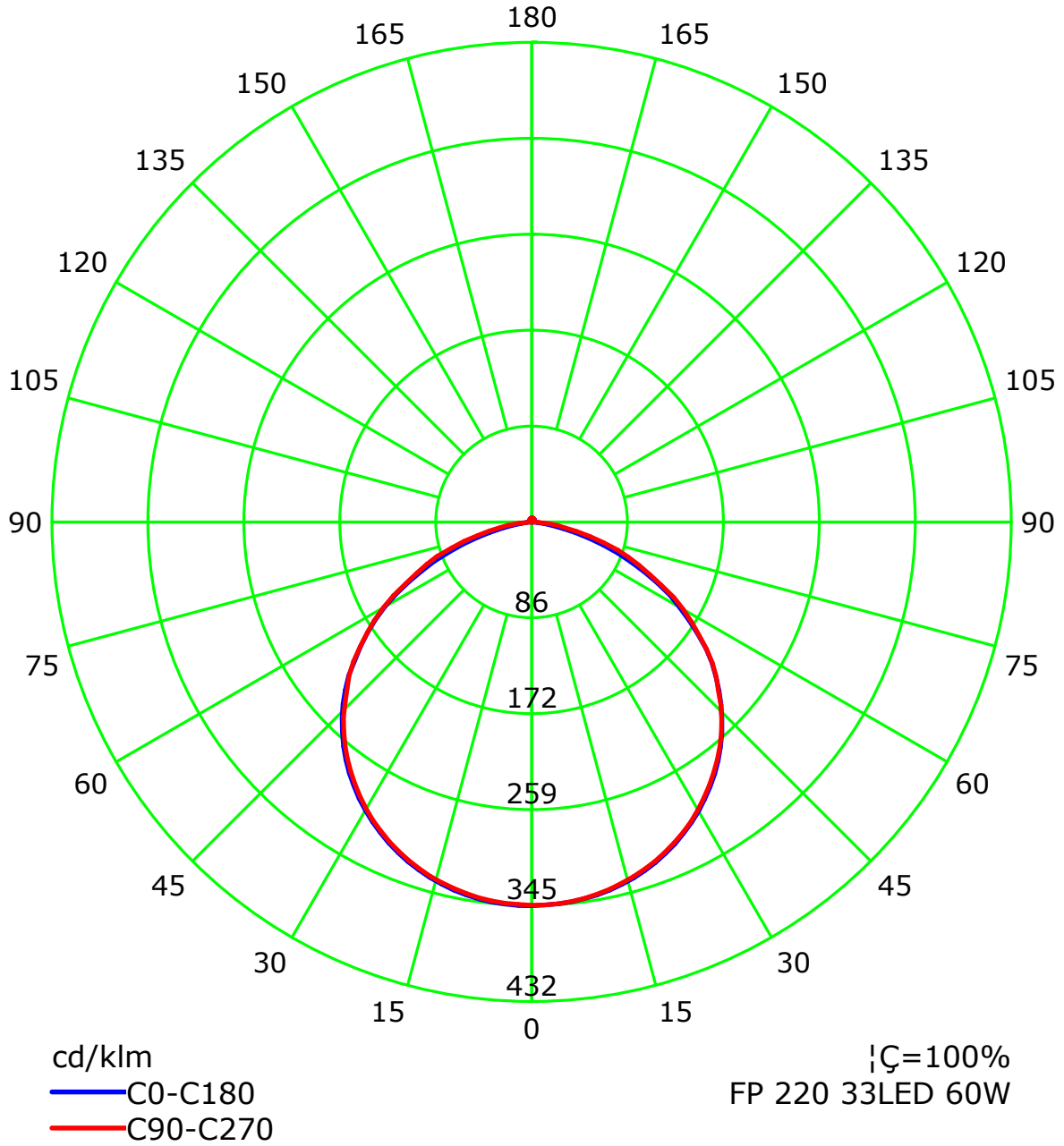
Test Device: LSG-1800B

Distance: 12.606 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

Test Device: LSG-1800B

Distance: 12.606 m

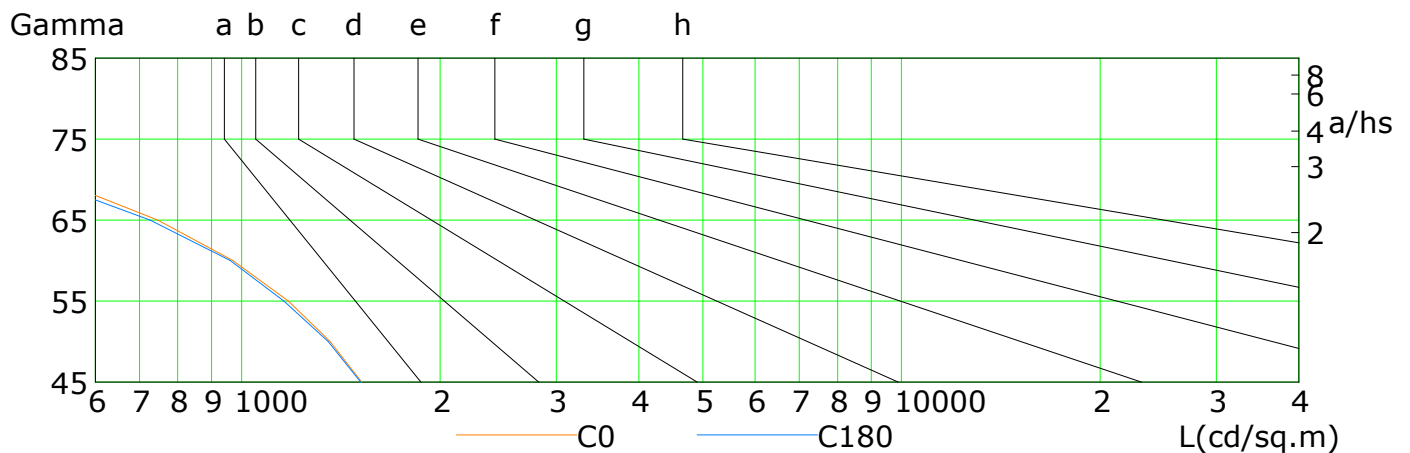
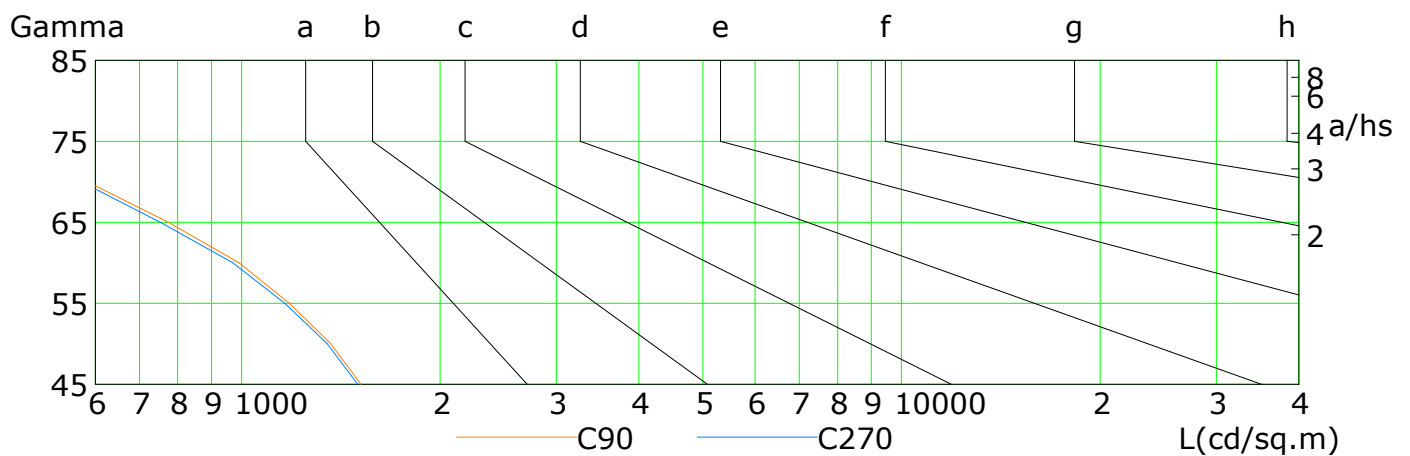
Humidity:

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	1521	1362	1177	969	747	521	297	117	23
C90	1518	1364	1182	990	774	584	384	196	69
C180	1515	1352	1158	960	727	496	282	107	19
C270	1500	1348	1163	970	753	571	357	181	47

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