

## MACRON

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Client:

LumCAT: B-CLS75FDR30WHM9-(Dim-warm-open)300mA-20210816

Luminaire:

Report No: Voltage(V): 121.6900

Test No: Current(A): 0.0980

LampCAT: Power (W): 11.8380

Lamp flux(lm): 1000.0 PF: 0.9880

Number of Lamps: 1 Ballast type:

Length(mm): 85 Width(mm): 85

Phm Type: C Height(mm): 1

## Photometric Results

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Lumens(lm): 757.89, Efficiency(%): 75.79% , Luminous Efficacy(lm/W): 64.02

Central intensity(cd): 2116.884, Maximum intensity(cd): 2145.523

Angle of maximum intensity: C=15.0  $\gamma$ =2.0

Beam Angle(50%Imax): [C0/180]Total=30.7

[C90/270]Total=30.1

Field angle(10%Imax): [C0/180]Total=56.1

[C90/270]Total=54.9

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.43194

Max Cd(80 to 90°Vert) : 5.250445

Street Side UpWard Lumens: - -of Lamp 0.00%of Luminaire

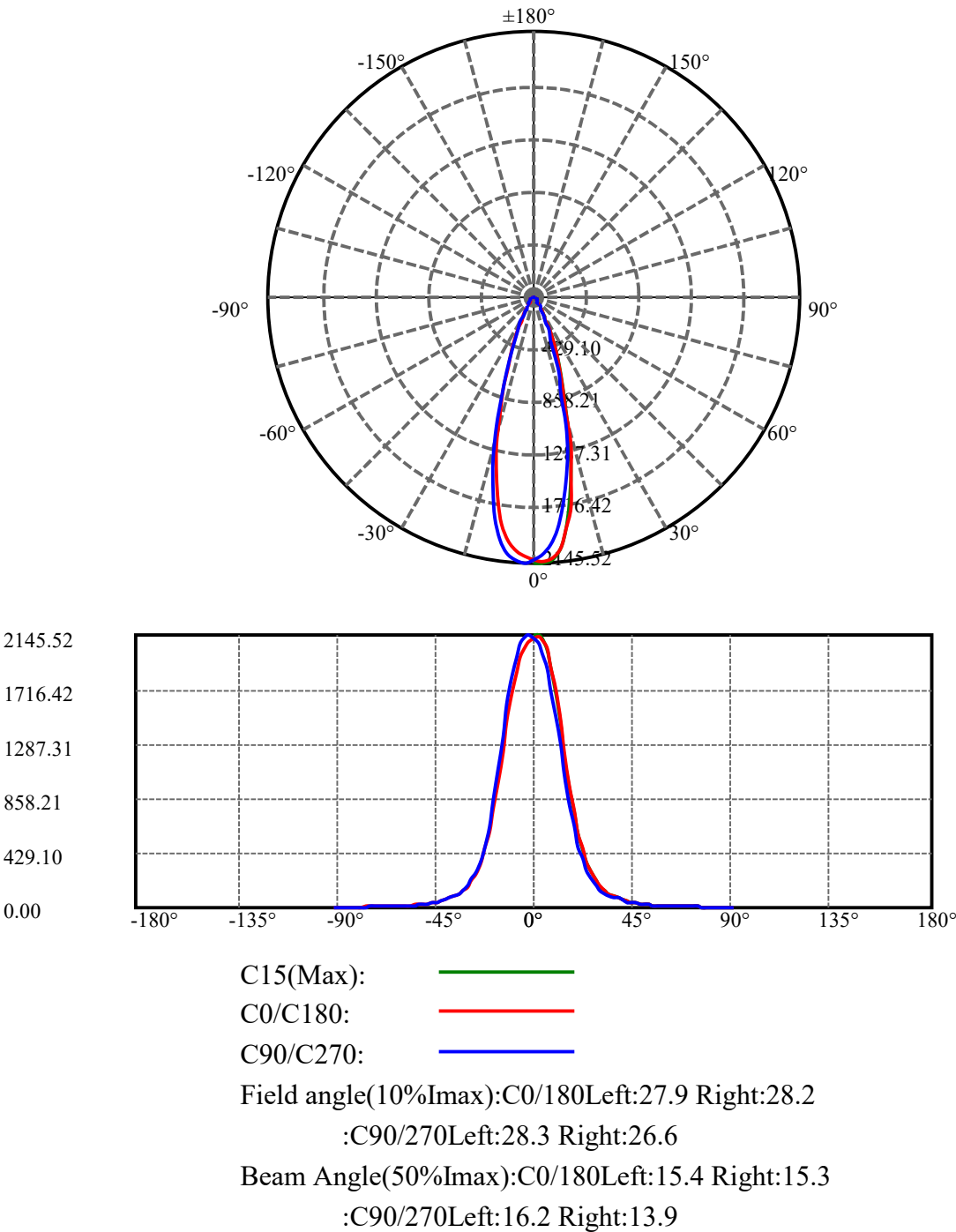
Street Side DownWard Lumens: 37.06%of Lamp 48.90%of Luminaire

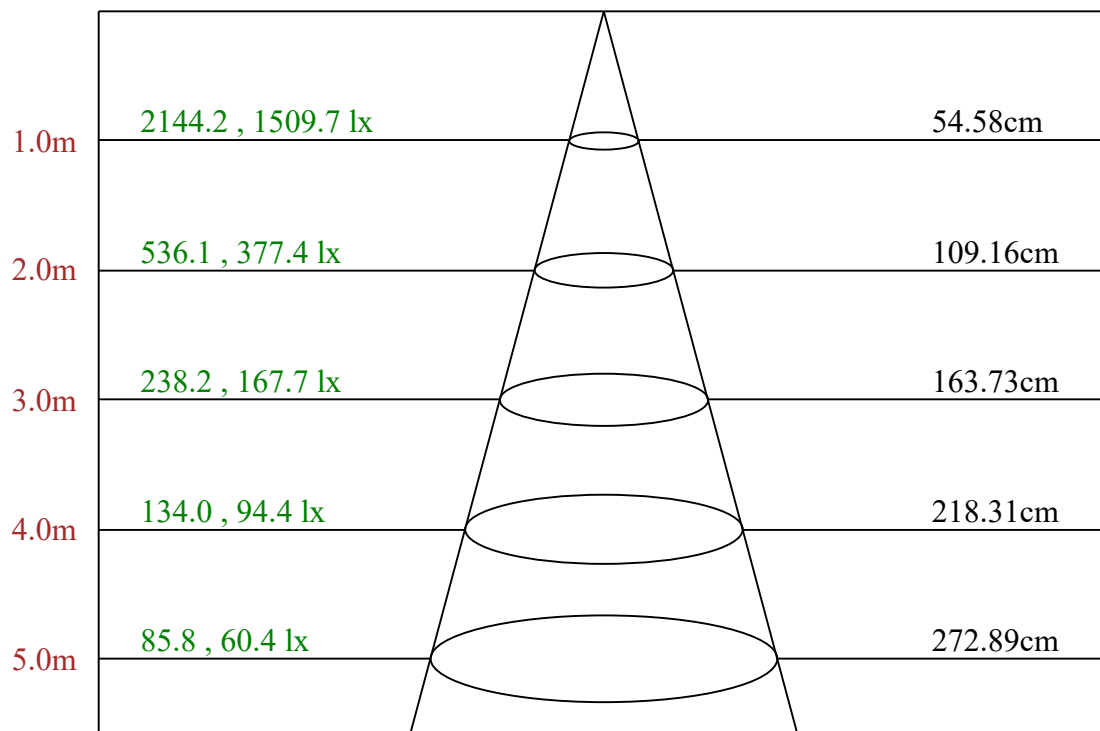
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 38.73%of Lamp 51.10%of Luminaire

SLI: 8.971 (C Flash Area: 0.002)

Throw: 93.7 (long), Spread: 5.9 (narrow), Control: 8.971 (tight)





Max , Ave      Beam angle of C15 plane 30.53