

## MACRON

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Client:

LumCAT: B-CLS75FDS30WHF9-(Dim-warm-short)300mA-20210816

Luminaire:

Report No: Voltage(V): 120.2200

Test No: Current(A): 0.0120

LampCAT: Power (W): 1.0040

Lamp flux(lm): 1000.0 PF: 0.7030

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): 25.63, Efficiency(%): 2.56% , Luminous Efficacy(lm/W): 25.53

Central intensity(cd): 13.174, Maximum intensity(cd): 13.237

Angle of maximum intensity: C=75.0  $\gamma$ =4.0

Beam Angle(50%Imax): [C0/180]Total=88.7

[C90/270]Total=89.2

Field angle(10%Imax): [C0/180]Total=134.5

[C90/270]Total=136.0

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 0.5727758

Max Cd(80 to 90°Vert) : 0.8591638

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

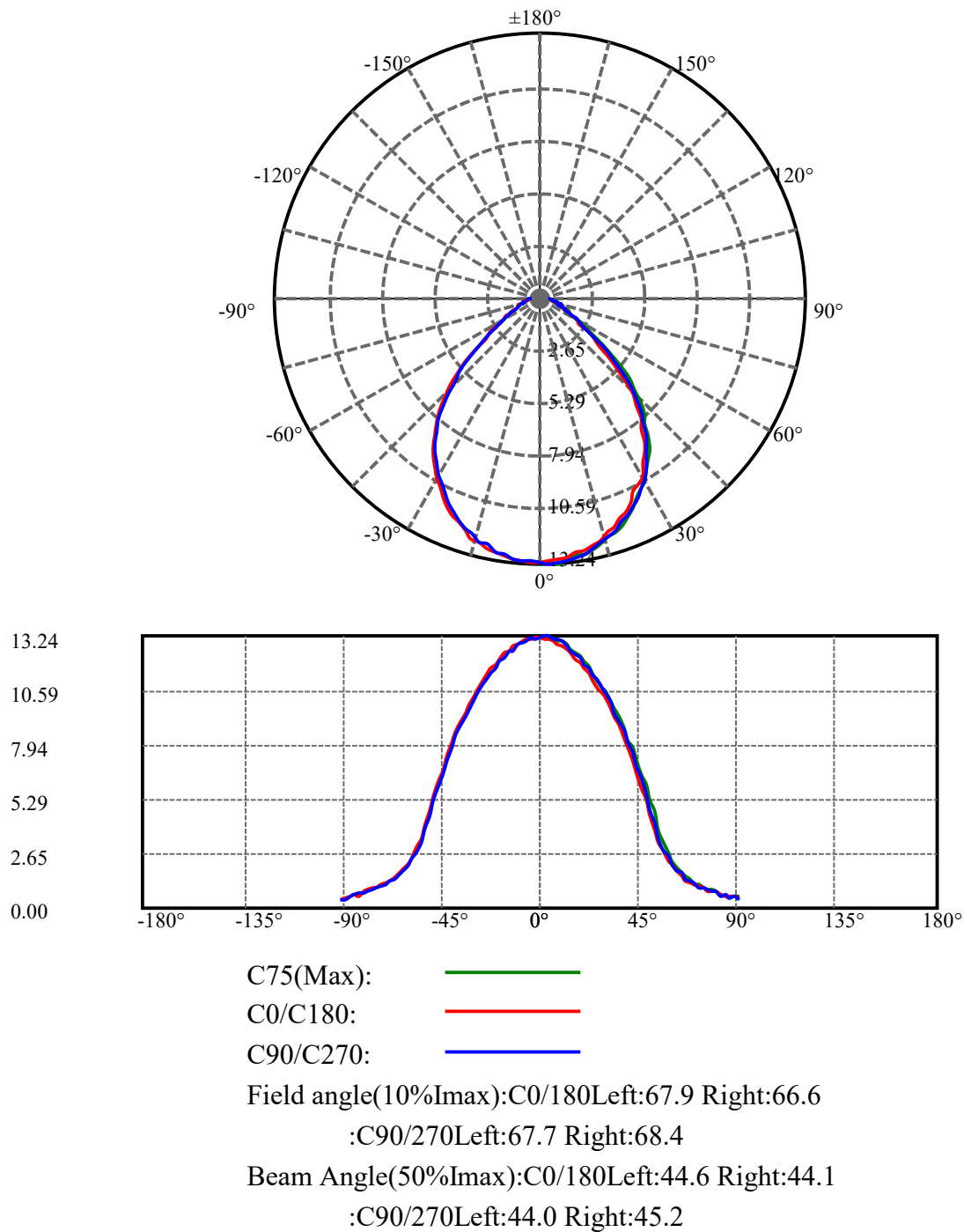
Street Side DownWard Lumens: 1.31%of Lamp 51.07%of Luminaire

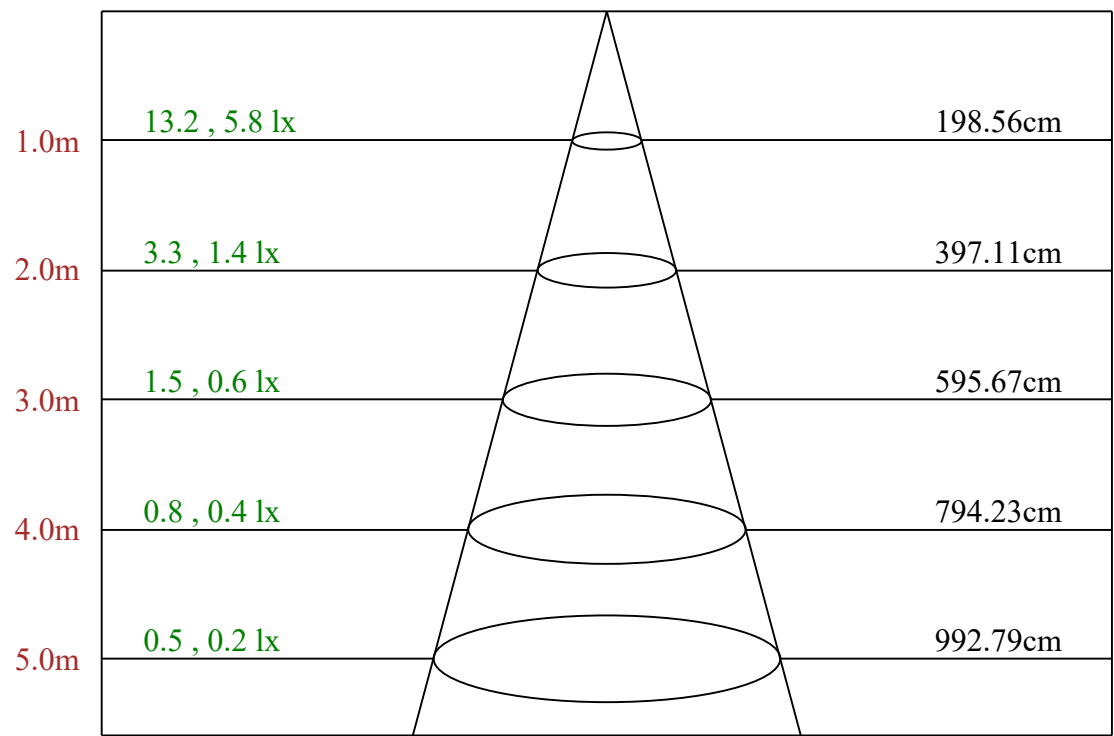
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 1.25%of Lamp 48.93%of Luminaire

SLI: 11.130 (C Flash Area: 0.002)

Throw: 482.5 (long), Spread: 0.0 (narrow), Control: 11.130 (tight)





Max , Ave      Beam angle of C75 plane 89.59