

MACRON

Client:

LumCAT: B-CLS75FDR30WHW9-(Dim-warm-short)300mA-20210816

Luminaire:

Report No: Voltage(V): 121.7800

Test No: Current(A): 0.0120

LampCAT: Power (W): 1.0150

Lamp flux(lm): 1000.0 PF: 0.7000

Number of Lamps: 1 Ballast type:

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

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 25.83, Efficiency(%): 2.58% , Luminous Efficacy(lm/W): 25.44

Central intensity(cd): 47.604, Maximum intensity(cd): 47.954

Angle of maximum intensity: C=225.0 $\gamma=4.0$

Beam Angle(50%Imax): [C0/180]Total=36.3

[C90/270]Total=40.3

Field angle(10%Imax): [C0/180]Total=64.6

[C90/270]Total=66.9

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 0.5409549

Max Cd(80 to 90°Vert) : 0.6364176

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

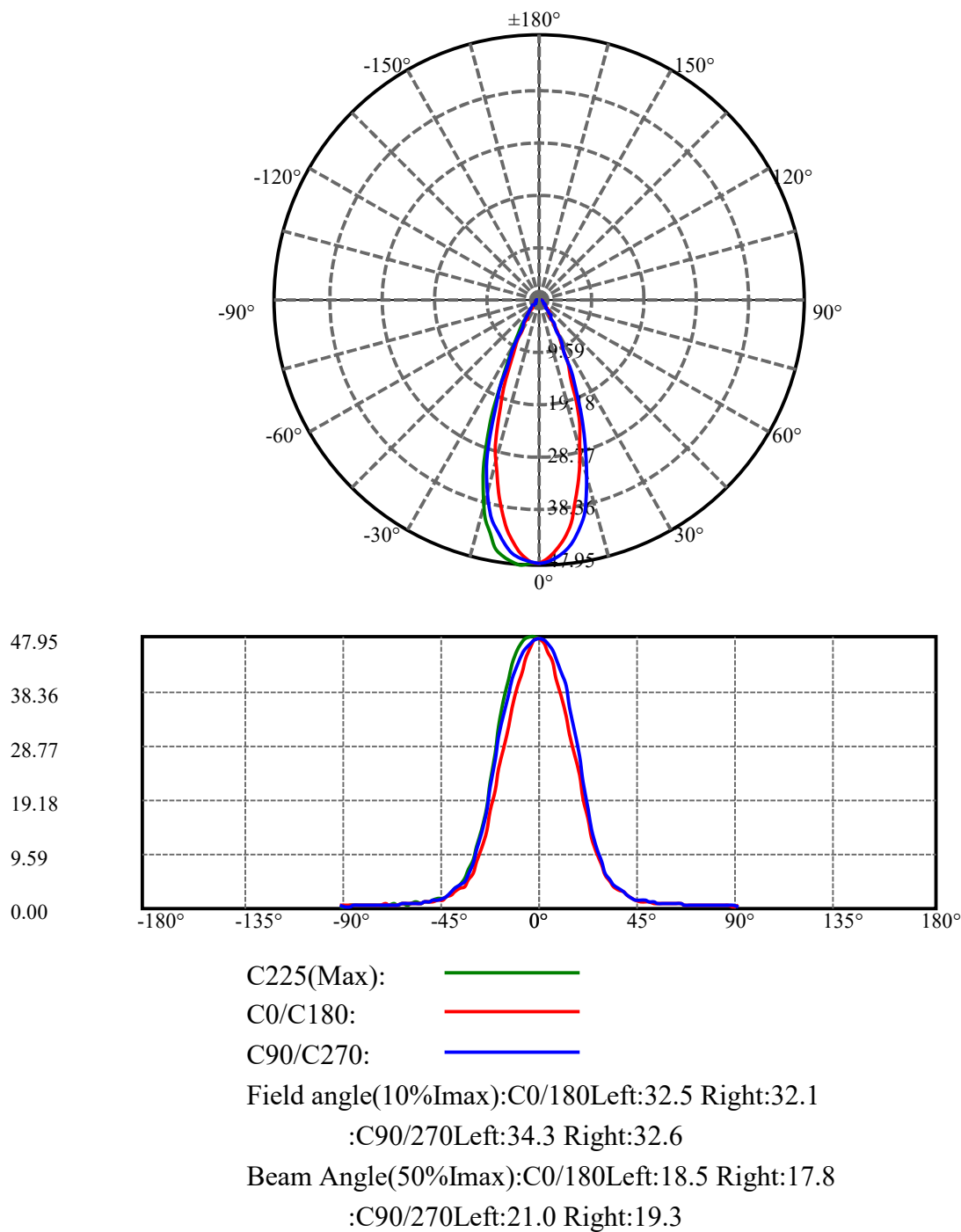
Street Side DownWard Lumens: 1.28%of Lamp 49.40%of Luminaire

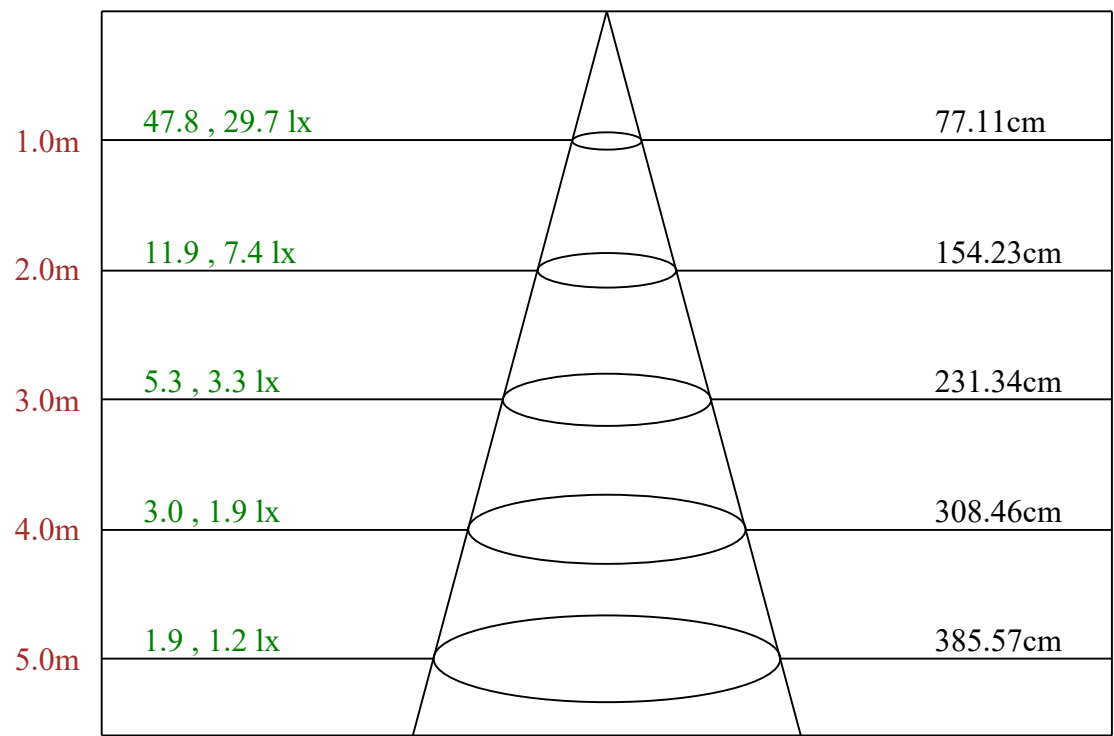
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 1.31%of Lamp 50.60%of Luminaire

SLI: 11.537 (C Flash Area: 0.002)

Throw: 96.0 (long), Spread: 10.4 (narrow), Control: 11.537 (tight)





Max , Ave Beam angle of C225 plane 42.17