

MACRON

Client:

LumCAT: LTE55AJ-SQ-30-W-450mA-20220225

Luminaire:

Report No: Voltage(V): 38.7600

Test No: Current(A): 0.4470

LampCAT: Power (W): 17.3150

Lamp flux(lm): 1482.0 PF: 1.0000

Number of Lamps: 1 Ballast type:

Length(mm): 55 Width(mm): 55

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 919.51, Efficiency(%): 62.04% , Luminous Efficacy(lm/W): 53.10

Central intensity(cd): 125.788, Maximum intensity(cd): 3158.318

Angle of maximum intensity: C=0.0 γ =32.0

Beam Angle(50%Imax): [C0/180]Total=64.2

[C90/270]Total=41.0

Field angle(10%Imax): [C0/180]Total=146.9

[C90/270]Total=146.8

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 11.23277

Max Cd(80 to 90°Vert) : 17.59694

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

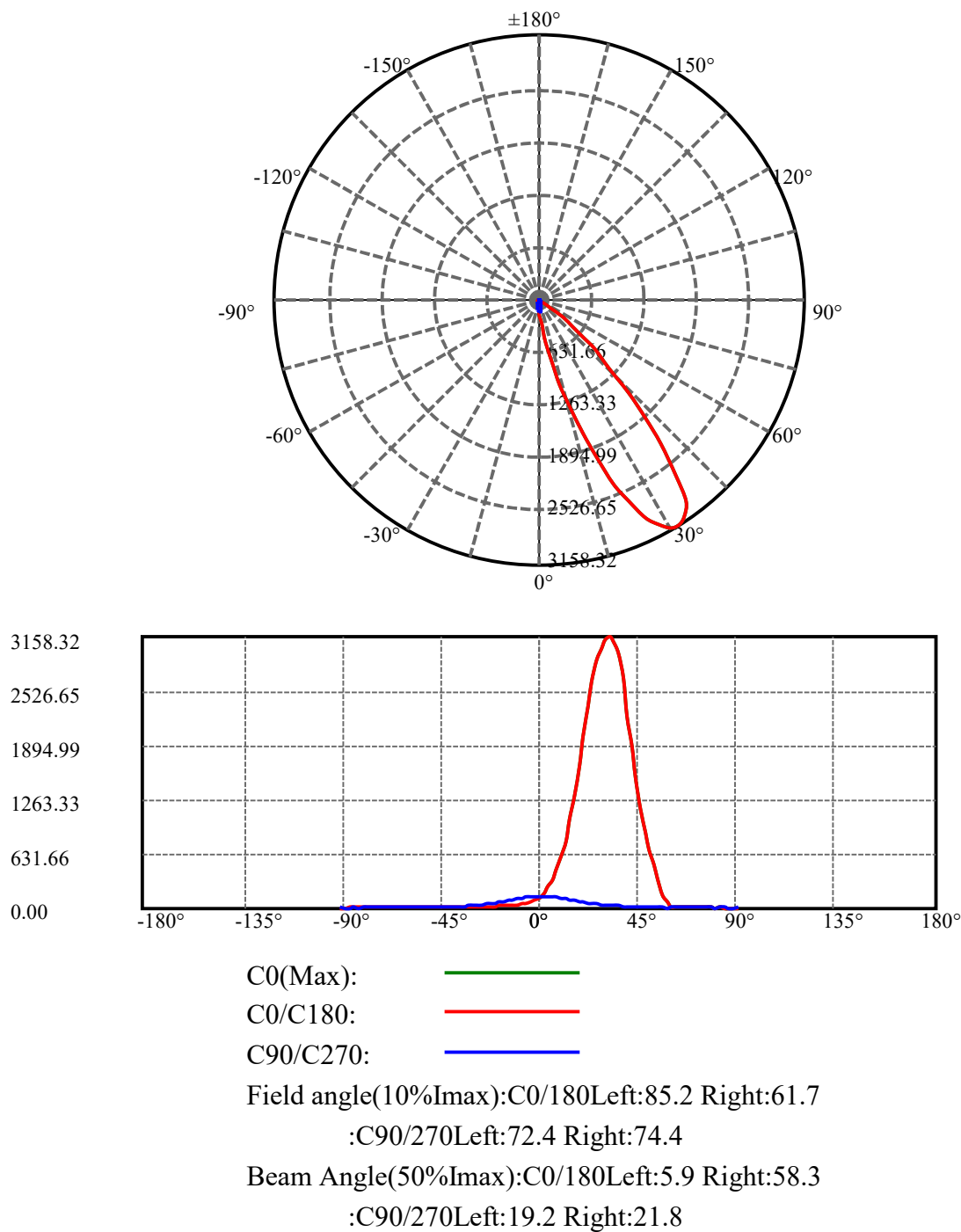
Street Side DownWard Lumens: 34.02%of Lamp 54.83%of Luminaire

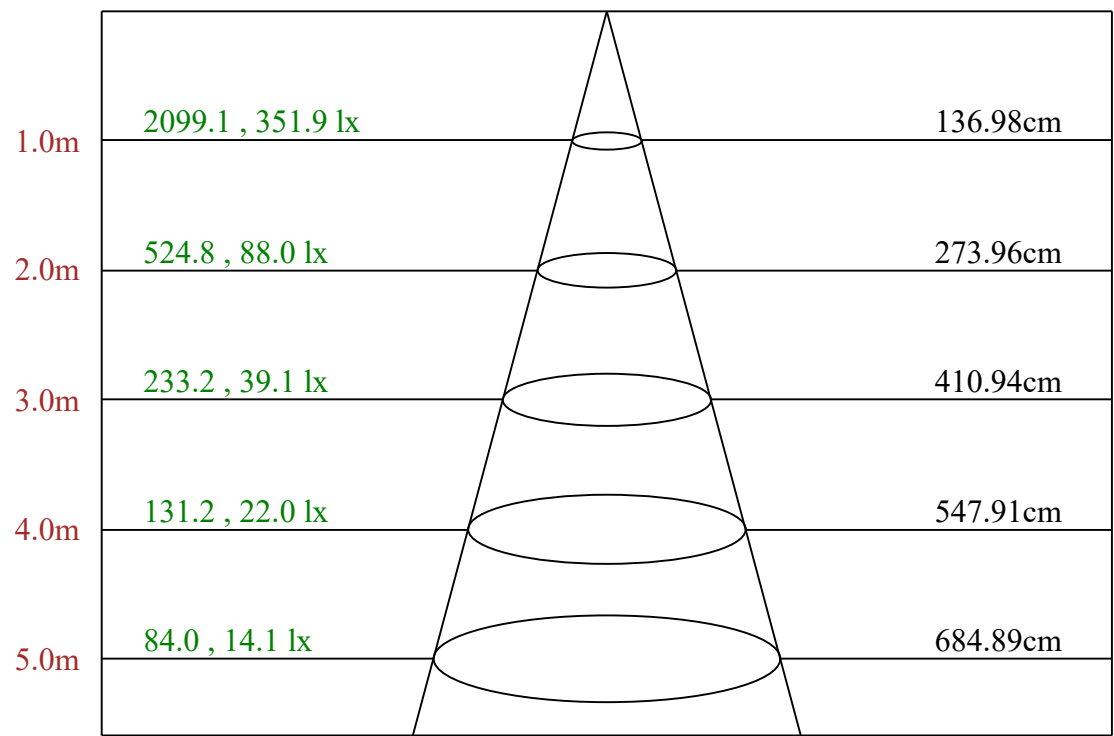
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 28.02%of Lamp 45.17%of Luminaire

SLI: 6.797 (C Flash Area: 0.001)

Throw: 31.2 (short), Spread: 10.0 (narrow), Control: 6.797 (tight)





Max , Ave Beam angle of C0 plane 68.81

