

MACRON

Client:

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

Luminaire:

Report No:

Voltage(V): 38.7590

Test No:

Current(A): 0.4480

LampCAT:

Power (W): 17.3800

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): 854.24, Efficiency(%): 57.64% , Luminous Efficacy(lm/W): 49.15

Central intensity(cd): 97.149, Maximum intensity(cd): 4968.926

Angle of maximum intensity: C=0.0 γ =30.0

Beam Angle(50%Imax): [C0/180]Total=61.6

[C90/270]Total=40.7

Field angle(10%Imax): [C0/180]Total=166.0

[C90/270]Total=177.7

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 11.23277

Max Cd(80 to 90°Vert) : 20.77903

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

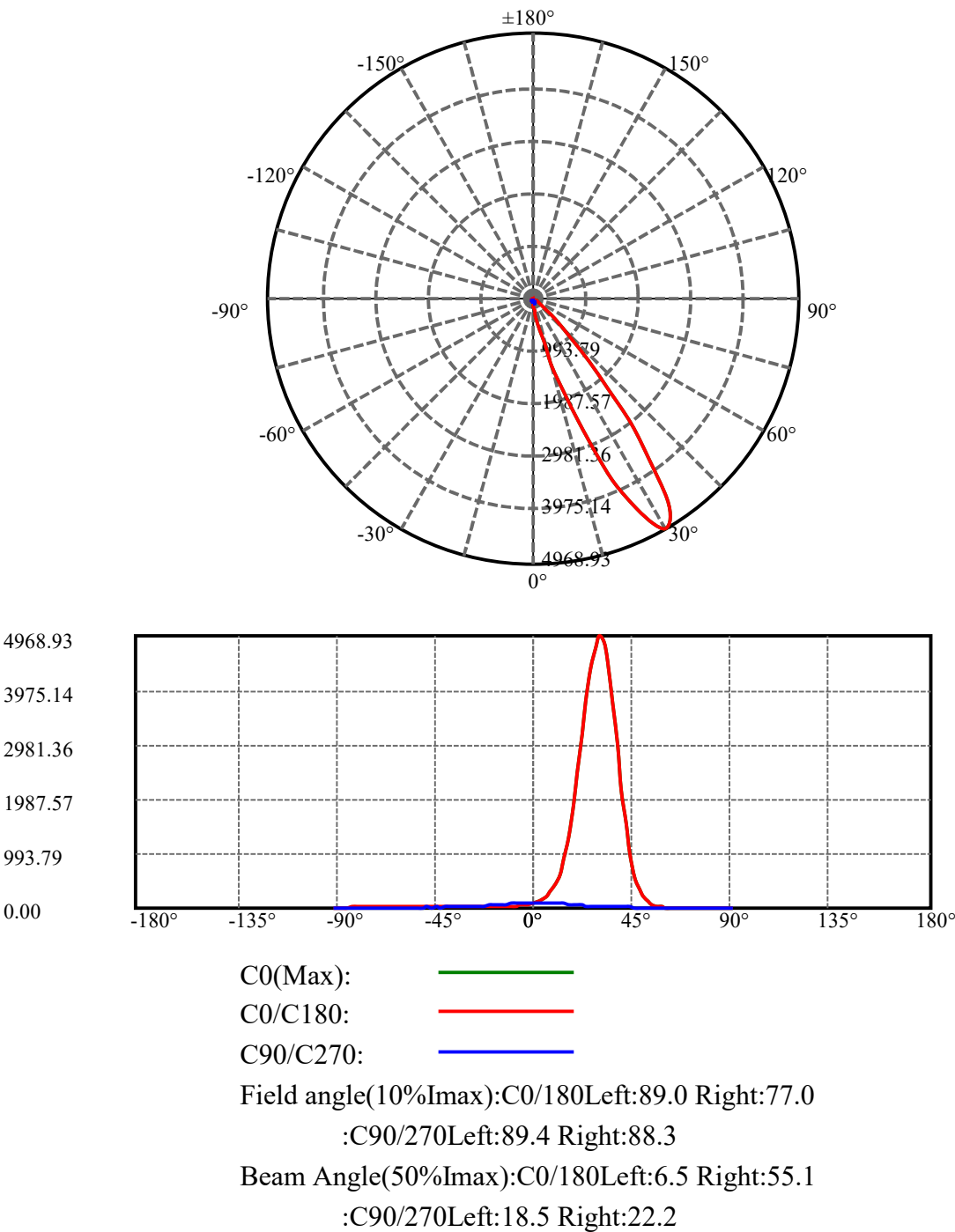
Street Side DownWard Lumens: 31.86%of Lamp 55.28%of Luminaire

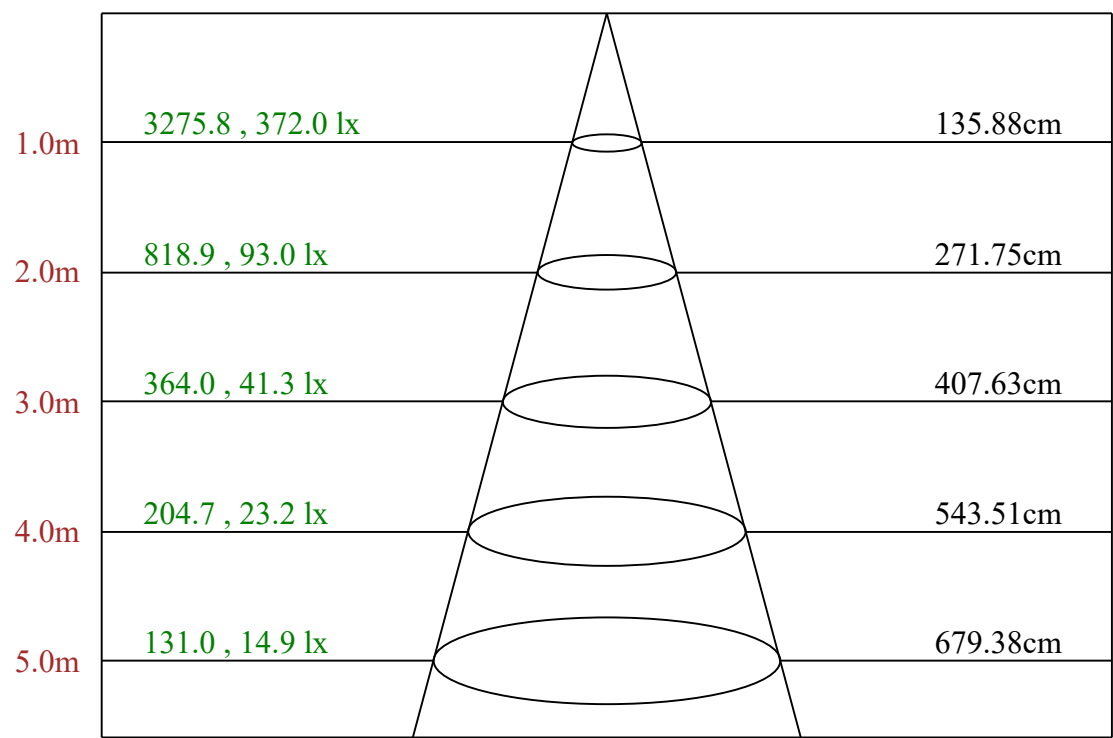
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 25.78%of Lamp 44.72%of Luminaire

SLI: 6.797 (C Flash Area: 0.001)

Throw: 30.3 (short), Spread: 4.9 (narrow), Control: 6.797 (tight)





Max , Ave Beam angle of C0 plane 68.38

