

## MACRON

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Client:

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

Luminaire:

Report No:

Voltage(V): 38.8240

Test No:

Current(A): 0.4560

LampCAT:

Power (W): 17.6860

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

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Lumens(lm): 767.14, Efficiency(%): 51.76% , Luminous Efficacy(lm/W): 43.38

Central intensity(cd): 90.785, Maximum intensity(cd): 6913.182

Angle of maximum intensity: C=0.0  $\gamma$ =28.0

Beam Angle(50%Imax): [C0/180]Total=56.4

[C90/270]Total=40.3

Field angle(10%Imax): [C0/180]Total=154.8

[C90/270]Total=176.4

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

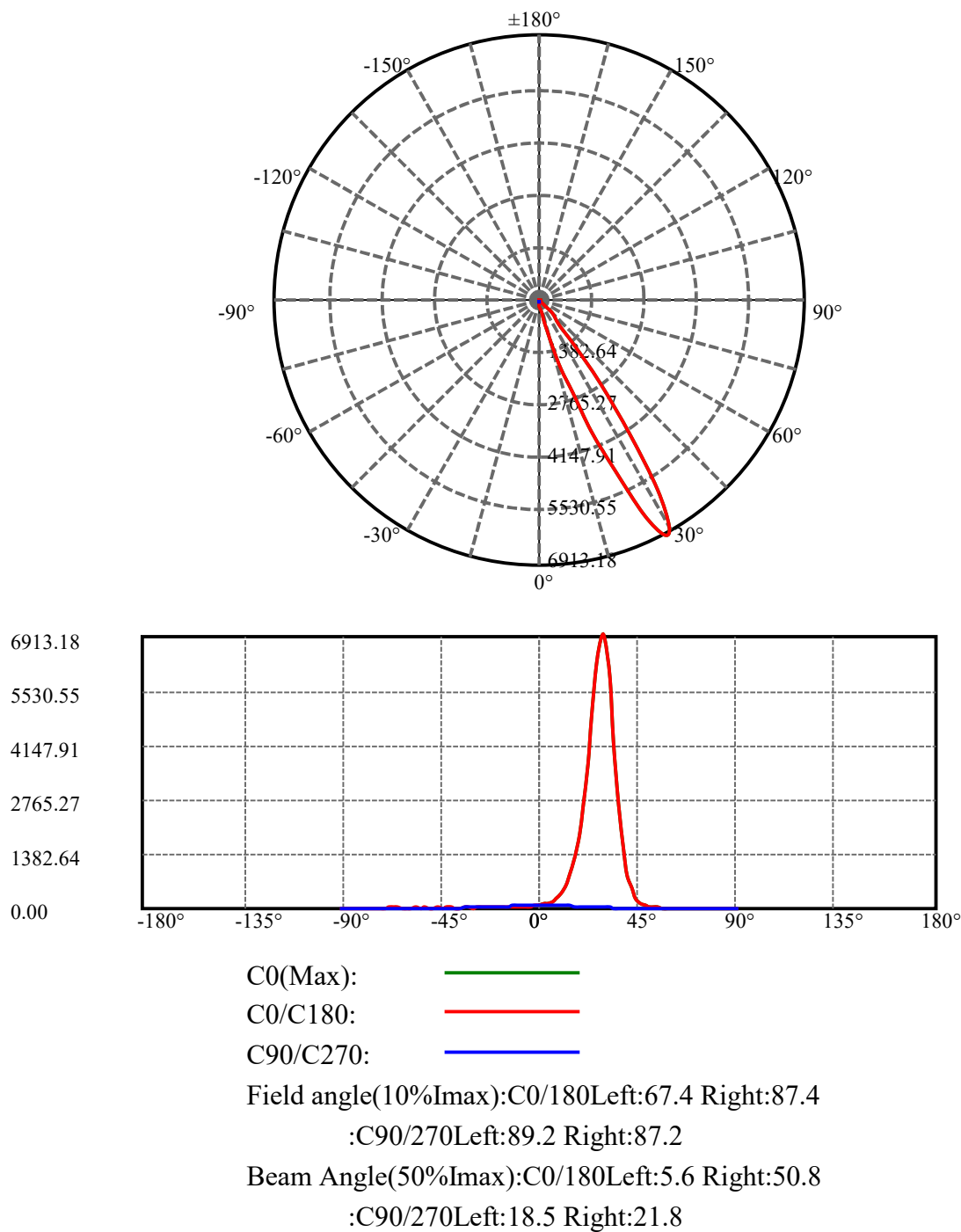
Street Side DownWard Lumens: 29.34%of Lamp 56.67%of Luminaire

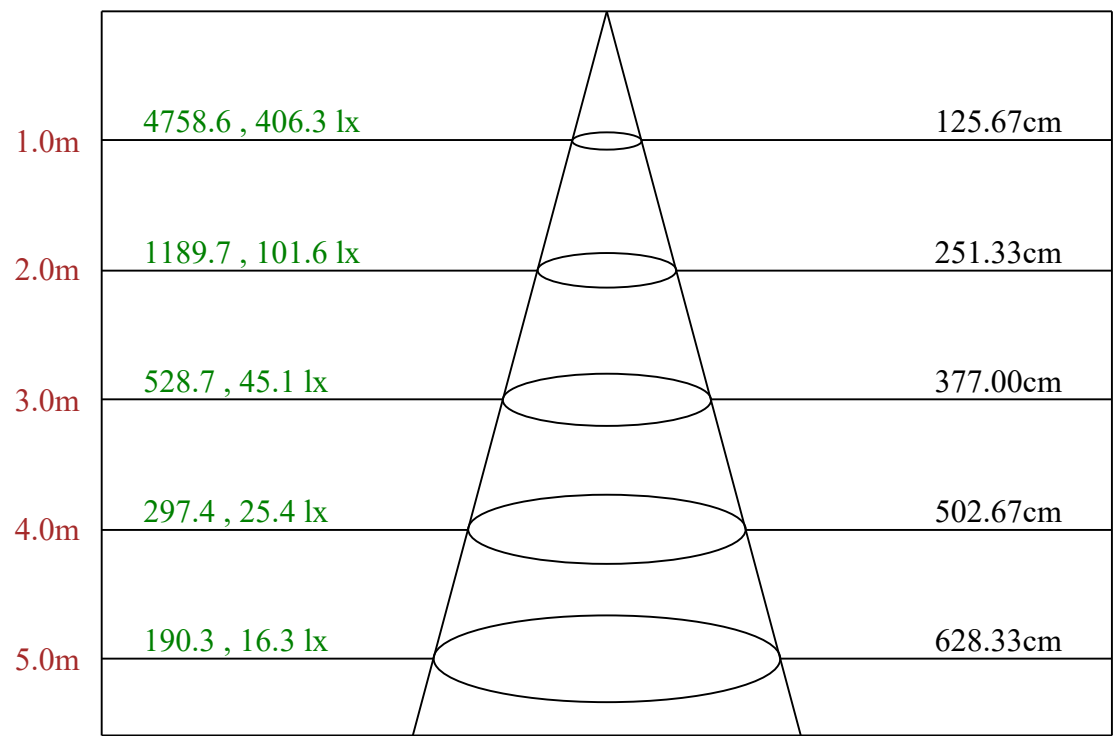
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 22.43%of Lamp 43.33%of Luminaire

SLI: 6.797 (C Flash Area: 0.001)

Throw: 28.6 (short), Spread: 2.9 (narrow), Control: 6.797 (tight)





Max , Ave      Beam angle of C0 plane 64.29

