

MACRON

Client:

LumCAT: VAL100CPRG2030WHBKX93AE-UP-20220425

Luminaire:

Report No:

Voltage(V): 120.3000

Test No:

Current(A): 0.2910

LampCAT:

Power (W): 33.8630

Lamp flux(lm): 723.0

PF: 0.9670

Number of Lamps: 1

Ballast type:

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 464.86, Efficiency(%): 64.30% , Luminous Efficacy(lm/W): 13.73

Central intensity(cd): 150.035, Maximum intensity(cd): 151.945

Angle of maximum intensity: C=15.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=116.0

[C90/270]Total=112.2

Field angle(10%Imax): [C0/180]Total=167.4

[C90/270]Total=165.9

IES Classification : TypeII

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 9.387159

Max Cd(80 to 90°Vert) : 26.25222

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

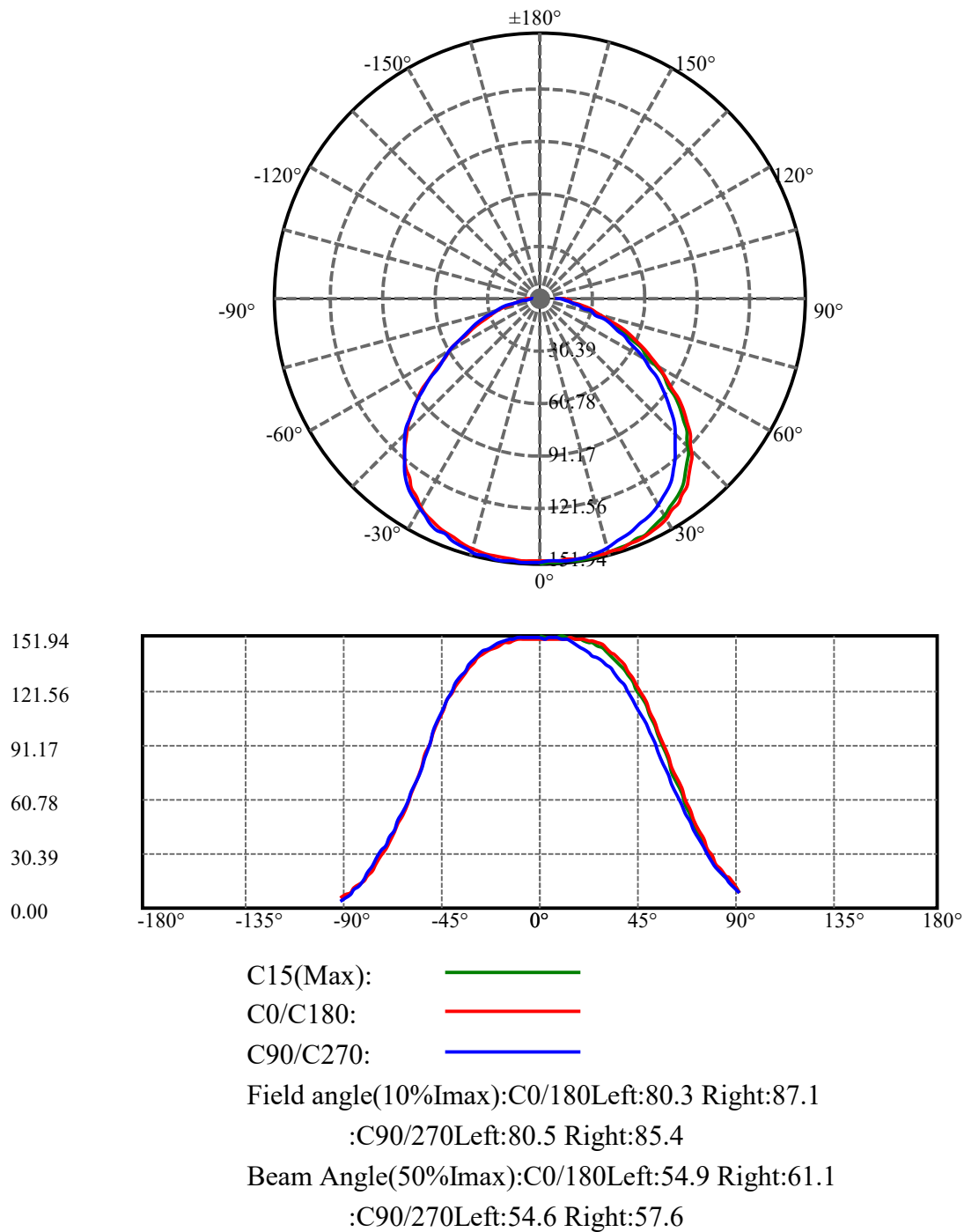
Street Side DownWard Lumens: 32.40%of Lamp 50.39%of Luminaire

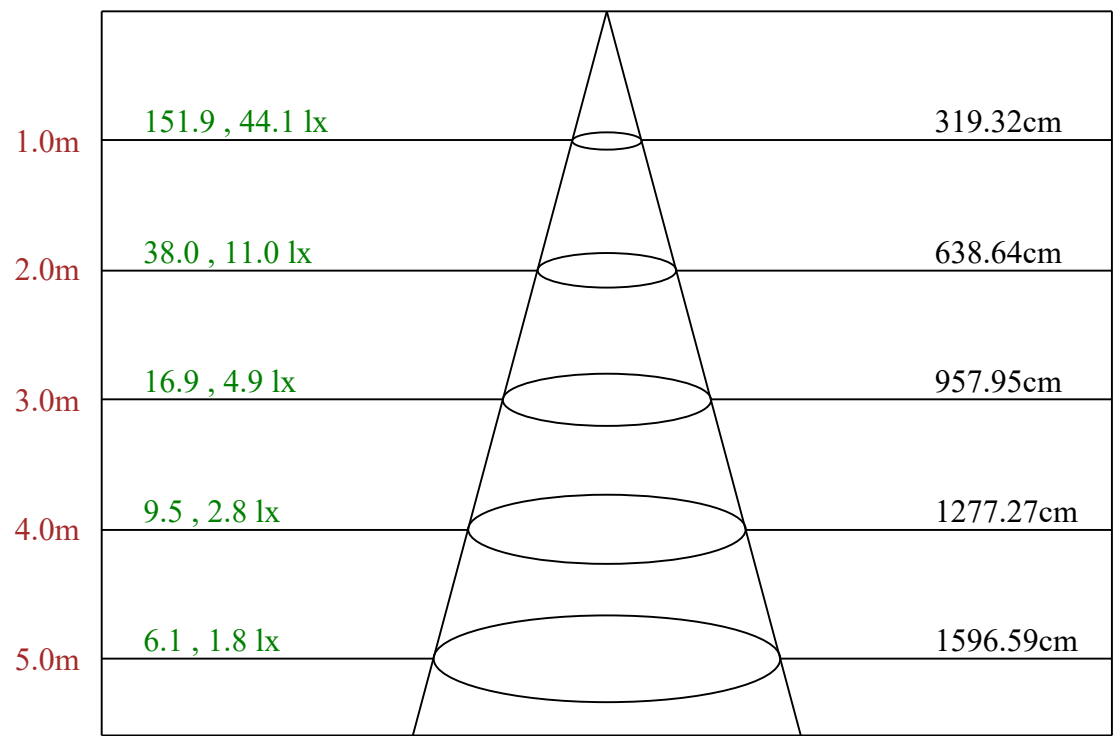
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 31.90%of Lamp 49.61%of Luminaire

SLI: 5.474 (C Flash Area: 0.000)

Throw: 107.8 (long), Spread: 30.1 (narrow), Control: 5.474 (tight)





Max , Ave Beam angle of C15 plane 115.88

