

MACRON

Client:

LumCAT: B-VLA100CYSSR1030WHBKS9-20210621

Luminaire:

Report No:

Voltage(V): 120.2300

Test No:

Current(A): 0.0850

LampCAT:

Power (W): 9.9670

Lamp flux(lm): 1000.0

PF: 0.9770

Number of Lamps: 1

Ballast type:

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 821.49, Efficiency(%): 82.15% , Luminous Efficacy(lm/W): 82.42

Central intensity(cd): 3428.795, Maximum intensity(cd): 3428.795

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=20.1

[C90/270]Total=20.3

Field angle(10%Imax): [C0/180]Total=51.1

[C90/270]Total=50.6

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 8.050682

Max Cd(80 to 90°Vert) : 8.050682

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

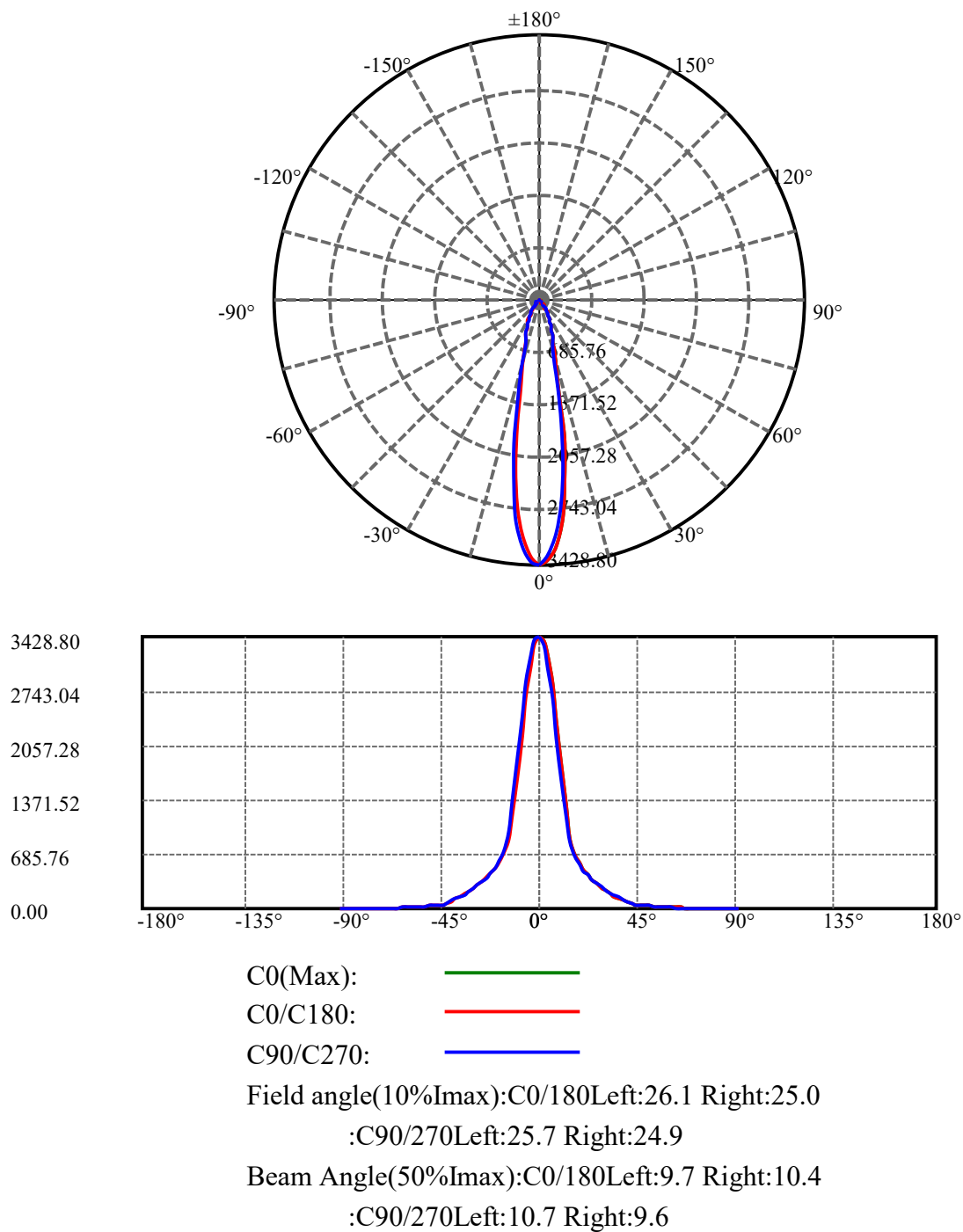
Street Side DownWard Lumens: 42.00%of Lamp 51.12%of Luminaire

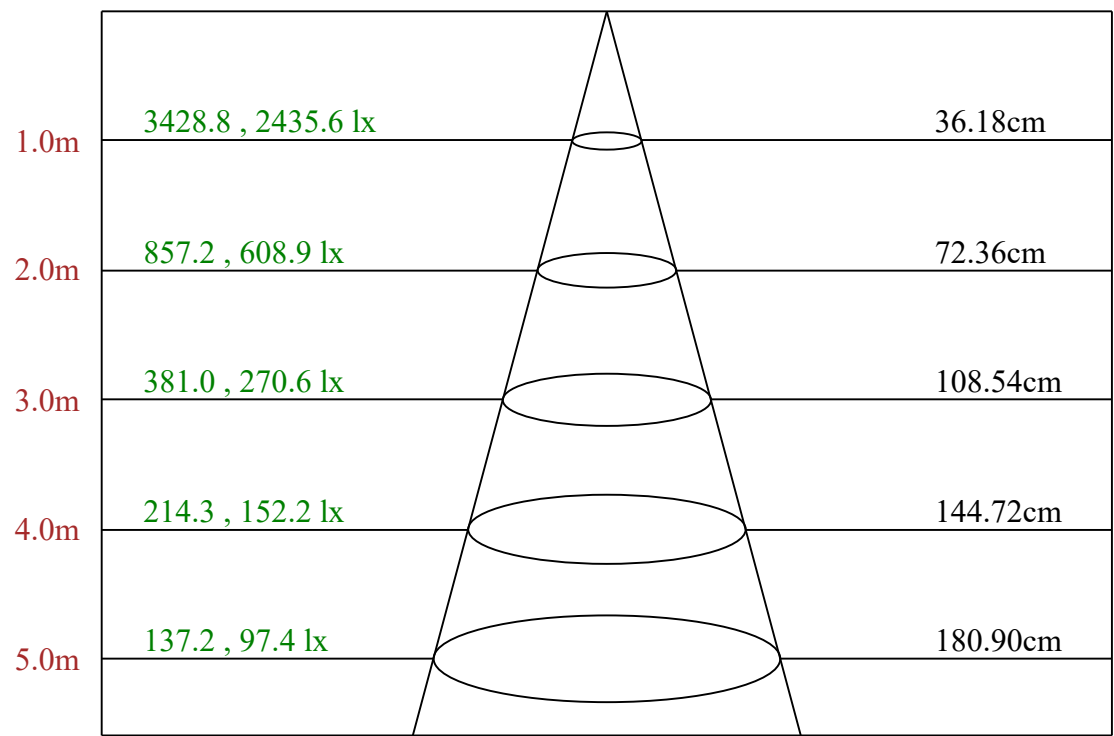
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 40.15%of Lamp 48.88%of Luminaire

SLI: 8.917 (C Flash Area: 0.002)

Throw: 92.3 (long), Spread: 4.5 (narrow), Control: 8.917 (tight)





Max , Ave Beam angle of C0 plane 20.51