

## MACRON

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Client:

LumCAT: B-VLA100CYR2030WHBKS9-20210618

Luminaire:

Report No:

Voltage(V): 120.0700

Test No:

Current(A): 0.2450

LampCAT:

Power (W): 29.3440

Lamp flux(lm): 1000.0

PF: 0.9980

Number of Lamps: 1

Ballast type:

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 1

## Photometric Results

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Lumens(lm): 1888.88, Efficiency(%): 100.00% , Luminous Efficacy(lm/W): 64.37

Central intensity(cd): 8074.644, Maximum intensity(cd): 8090.554

Angle of maximum intensity: C=180.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=20.2

[C90/270]Total=20.7

Field angle(10%Imax): [C0/180]Total=49.2

[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) : 11.23277

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

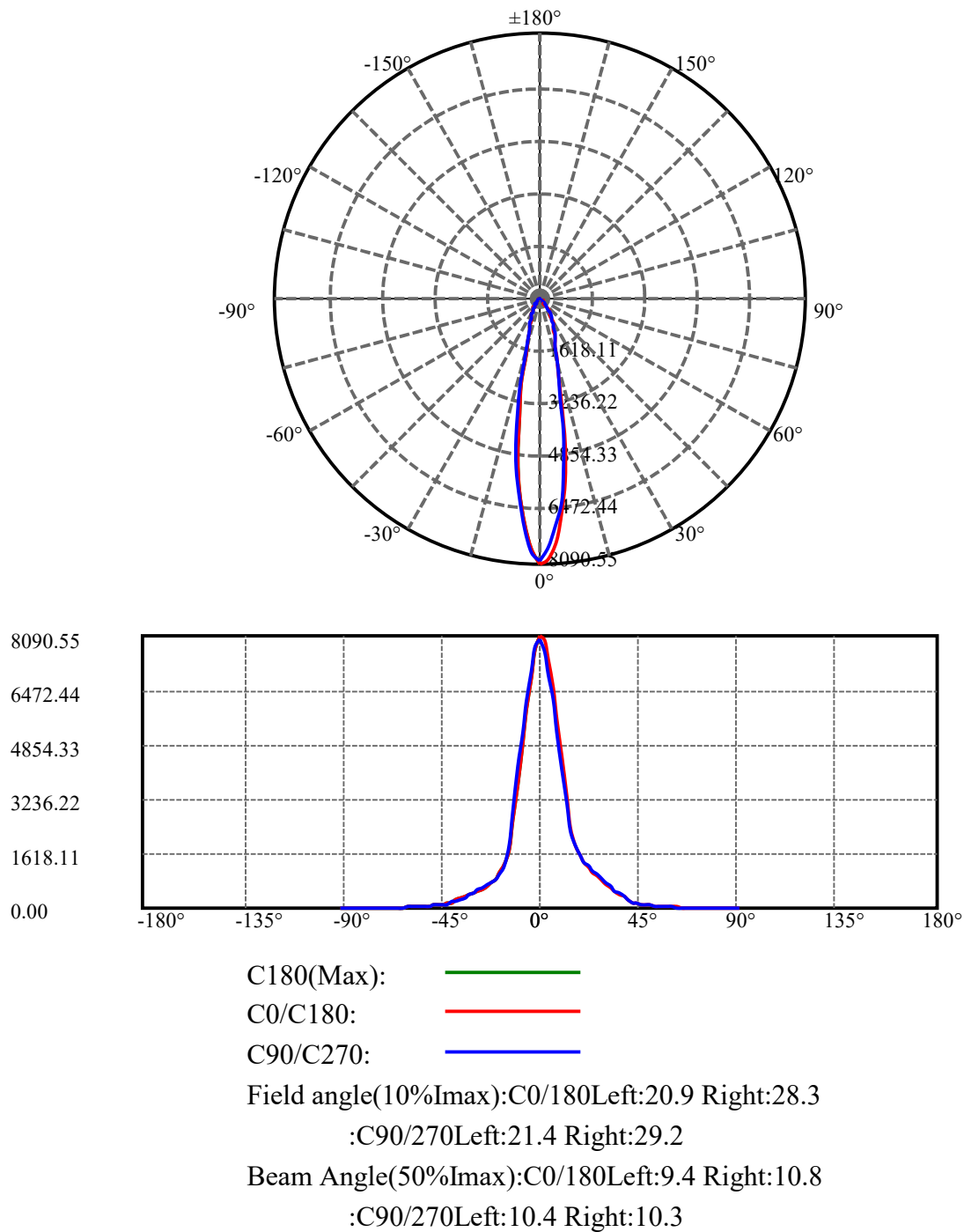
Street Side DownWard Lumens: 103.79%of Lamp 54.95%of Luminaire

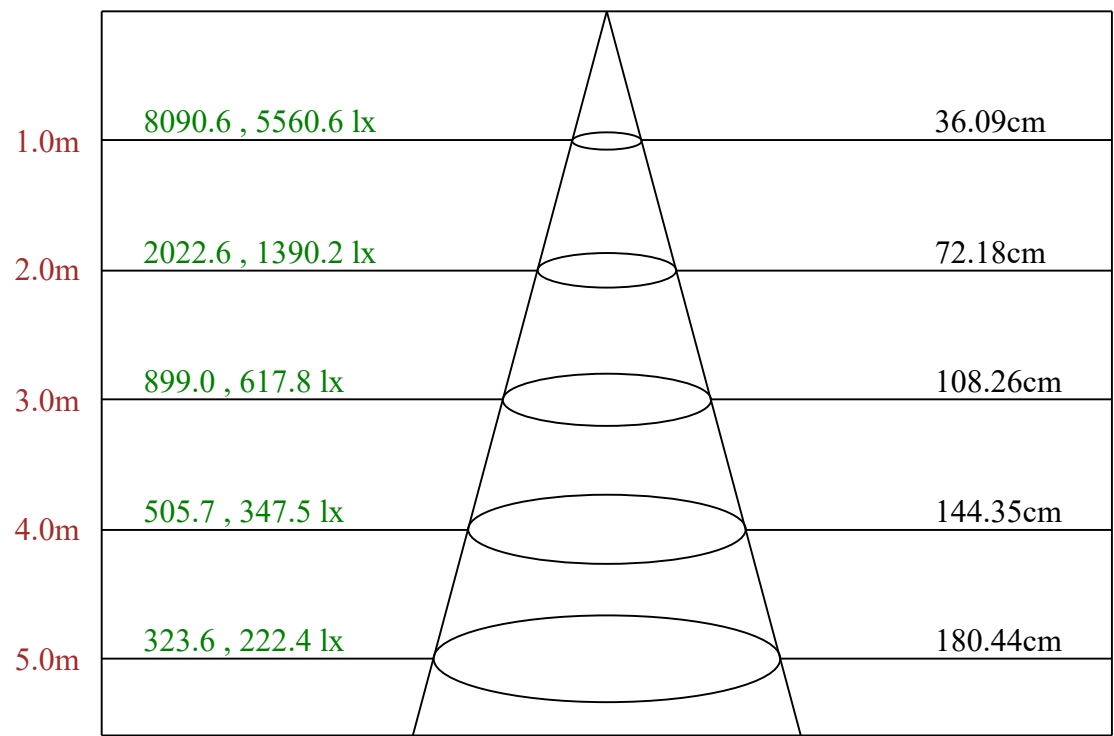
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 85.10%of Lamp 45.05%of Luminaire

SLI: 7.939 (C Flash Area: 0.002)

Throw: 91.5 (long), Spread: 4.1 (narrow), Control: 7.939 (tight)





Max , Ave      Beam angle of C180 plane 20.46