

MACRON

Client:

LumCAT: B-VAL25CYR2030WHBKW93AE-20220815

Luminaire:

Report No:

Voltage(V): 120.7600

Test No:

Current(A): 0.0870

LampCAT:

Power (W): 10.3630

Lamp flux(lm): 890.0

PF: 0.9880

Number of Lamps: 1

Ballast type:

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 818.34, Efficiency(%): 91.95% , Luminous Efficacy(lm/W): 78.97

Central intensity(cd): 1432.794, Maximum intensity(cd): 1441.937

Angle of maximum intensity: C=75.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=42.0

[C90/270]Total=42.2

Field angle(10%Imax): [C0/180]Total=74.2

[C90/270]Total=74.3

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.934069

Max Cd(80 to 90°Vert) : 1.934069

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

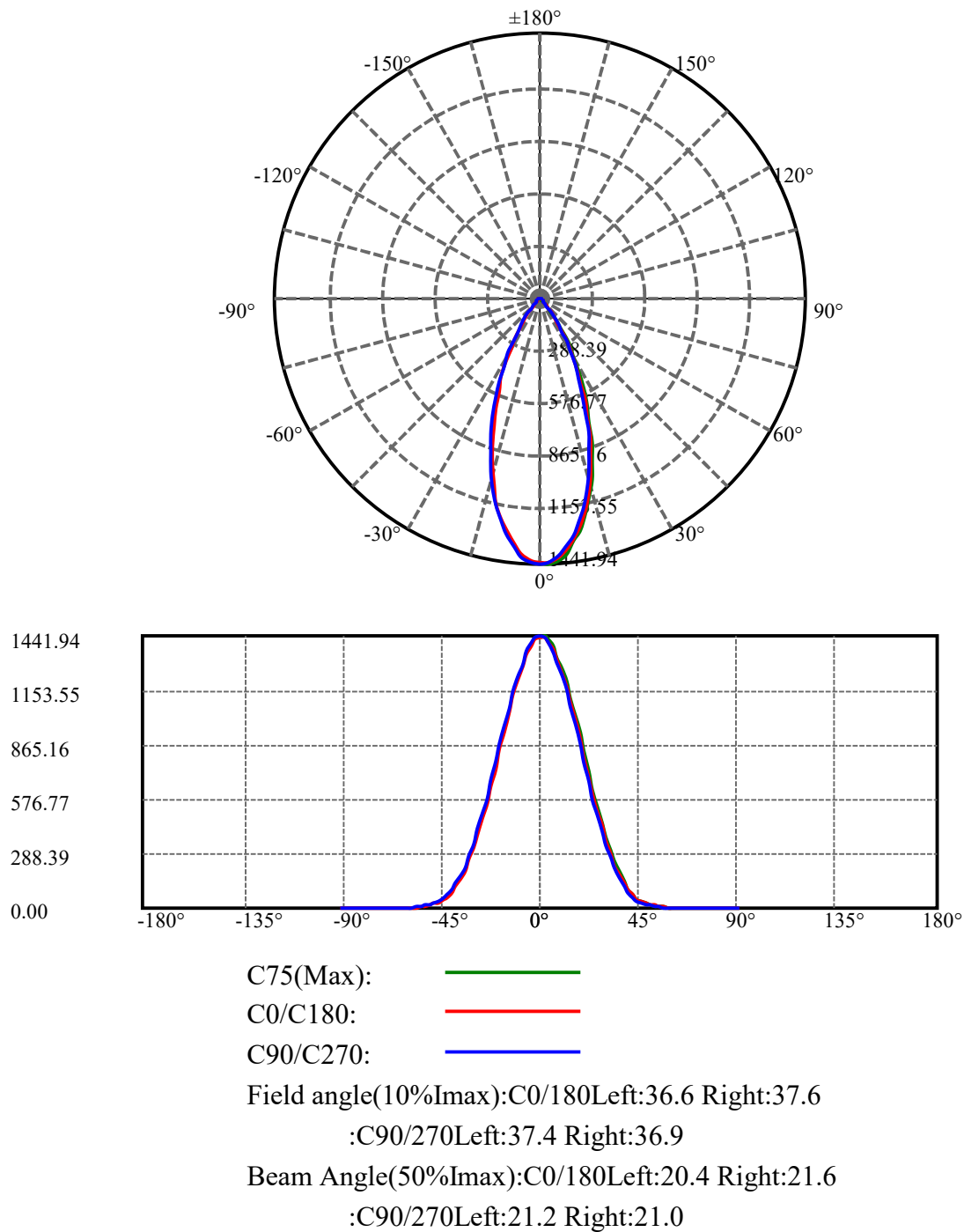
Street Side DownWard Lumens: 46.97%of Lamp 51.09%of Luminaire

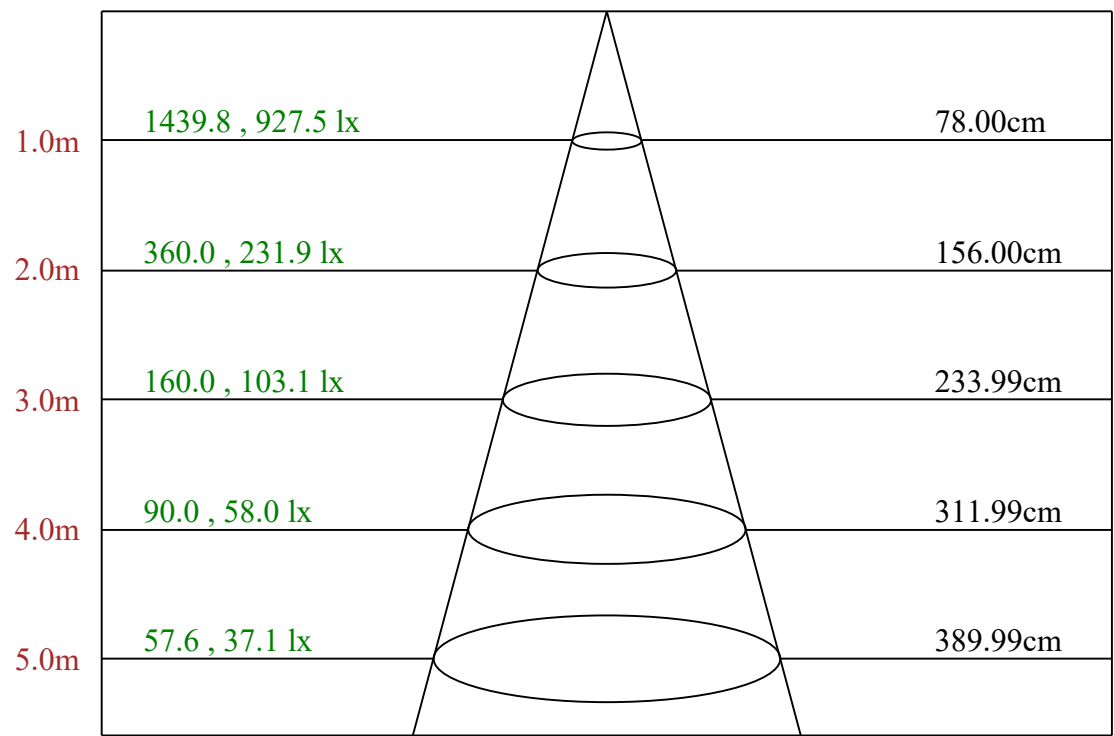
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 44.97%of Lamp 48.91%of Luminaire

SLI: 8.779 (C Flash Area: 0.000)

Throw: 94.6 (long), Spread: 8.9 (narrow), Control: 8.779 (tight)





Max , Ave Beam angle of C75 plane 42.61

