

MACRON

Client:

LumCAT: B-VAL100CPRG2030WHBKS93AE-DOWN-20220426

Luminaire:

Report No:

Voltage(V): 120.3400

Test No:

Current(A): 0.2920

LampCAT:

Power (W): 33.9700

Lamp flux(lm): 2626.0

PF: 0.9670

Number of Lamps: 1

Ballast type:

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 1937.47, Efficiency(%): 73.78% , Luminous Efficacy(lm/W): 57.03

Central intensity(cd): 7804.166, Maximum intensity(cd): 7851.897

Angle of maximum intensity: C=75.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=21.0

[C90/270]Total=21.2

Field angle(10%Imax): [C0/180]Total=51.8

[C90/270]Total=50.9

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 14.41486

Max Cd(80 to 90°Vert) : 23.96112

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

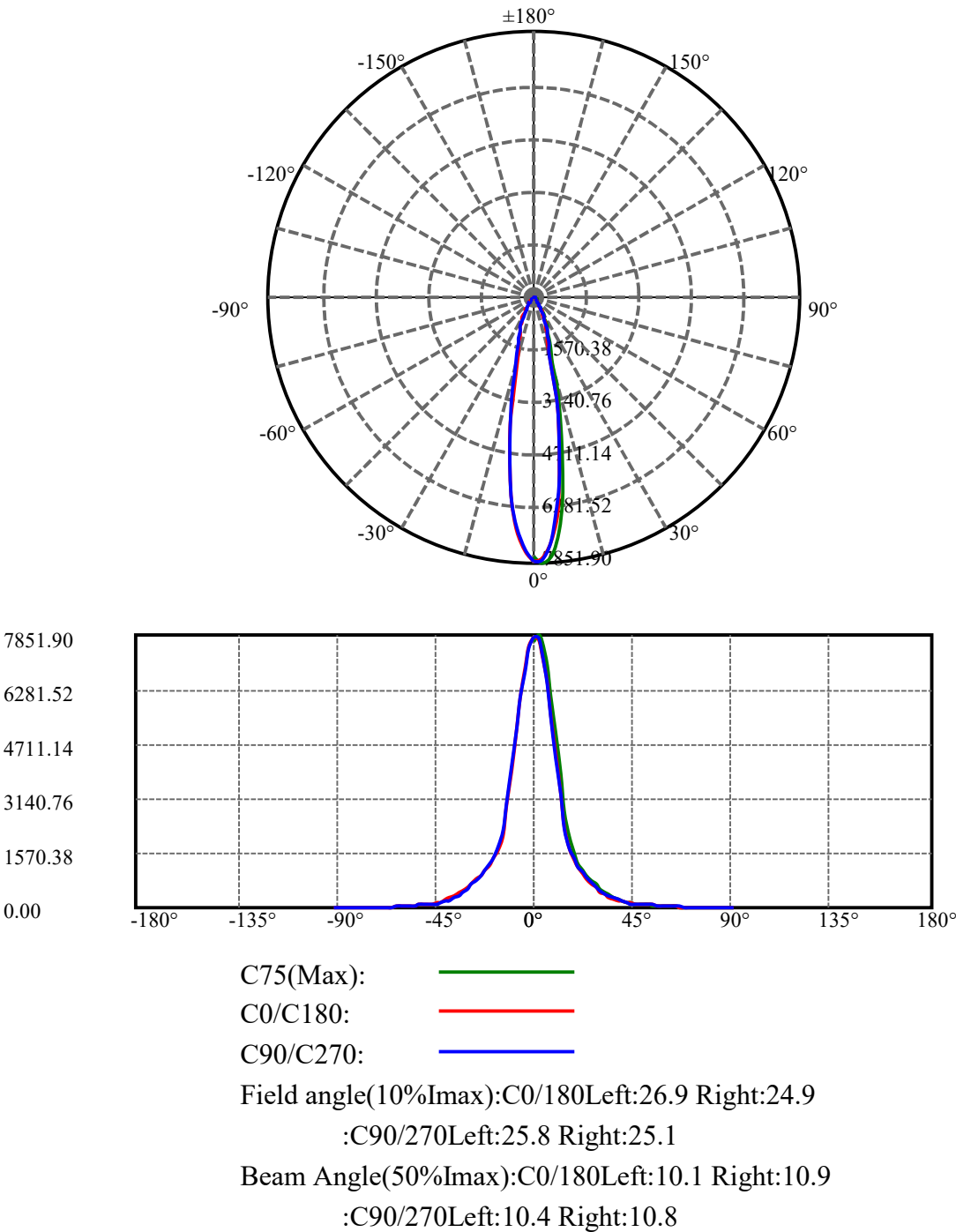
Street Side DownWard Lumens: 38.92%of Lamp 52.76%of Luminaire

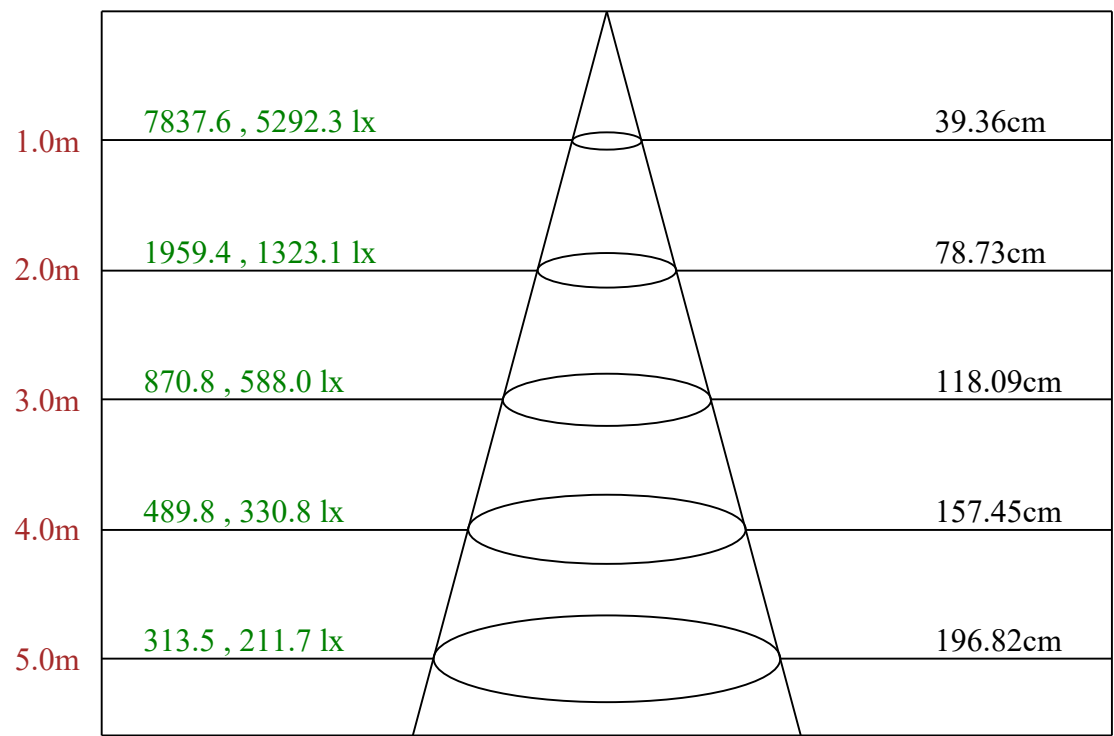
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 34.86%of Lamp 47.24%of Luminaire

SLI: 7.349 (C Flash Area: 0.002)

Throw: 92.8 (long), Spread: 5.5 (narrow), Control: 7.349 (tight)





Max , Ave Beam angle of C75 plane 22.27

