

MACRON

Client:

LumCAT: B-VAL55CPRG2040WHBKS93AE-20220330

Luminaire:

Report No: Voltage(V): 120.1800

Test No: Current(A): 0.1850

LampCAT: Power (W): 21.7260

Lamp flux(lm): 1742.0 PF: 0.9790

Number of Lamps: 1 Ballast type:

Length(mm): 60 Width(mm): 60

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 1208.84, Efficiency(%): 69.39% , Luminous Efficacy(lm/W): 55.64

Central intensity(cd): 5210.765, Maximum intensity(cd): 5264.860

Angle of maximum intensity: C=15.0 γ =0.0

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

[C90/270]Total=20.9

Field angle(10%Imax): [C0/180]Total=49.3

[C90/270]Total=48.9

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 14.41486

Max Cd(80 to 90°Vert) : 17.59694

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

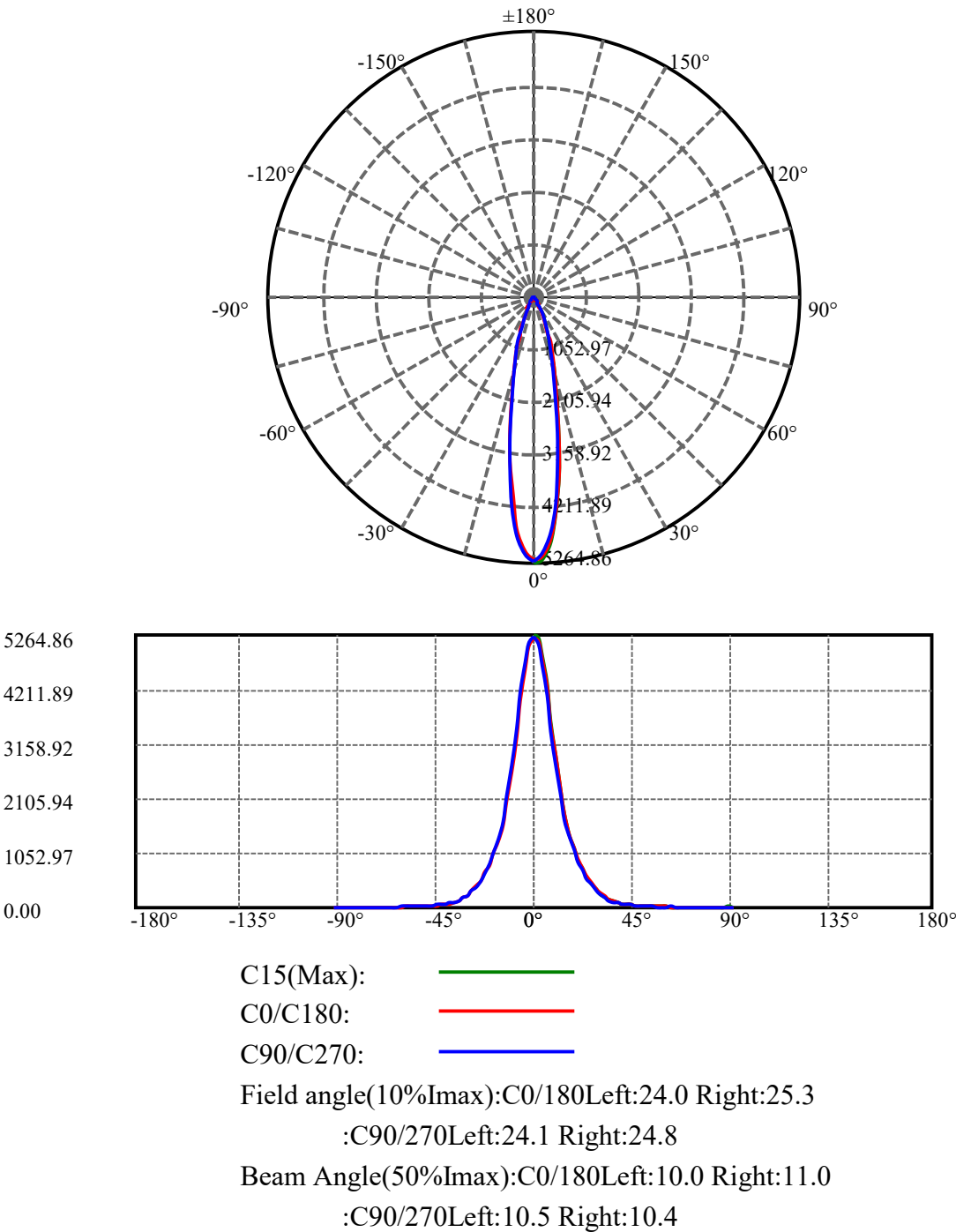
Street Side DownWard Lumens: 35.89%of Lamp 51.72%of Luminaire

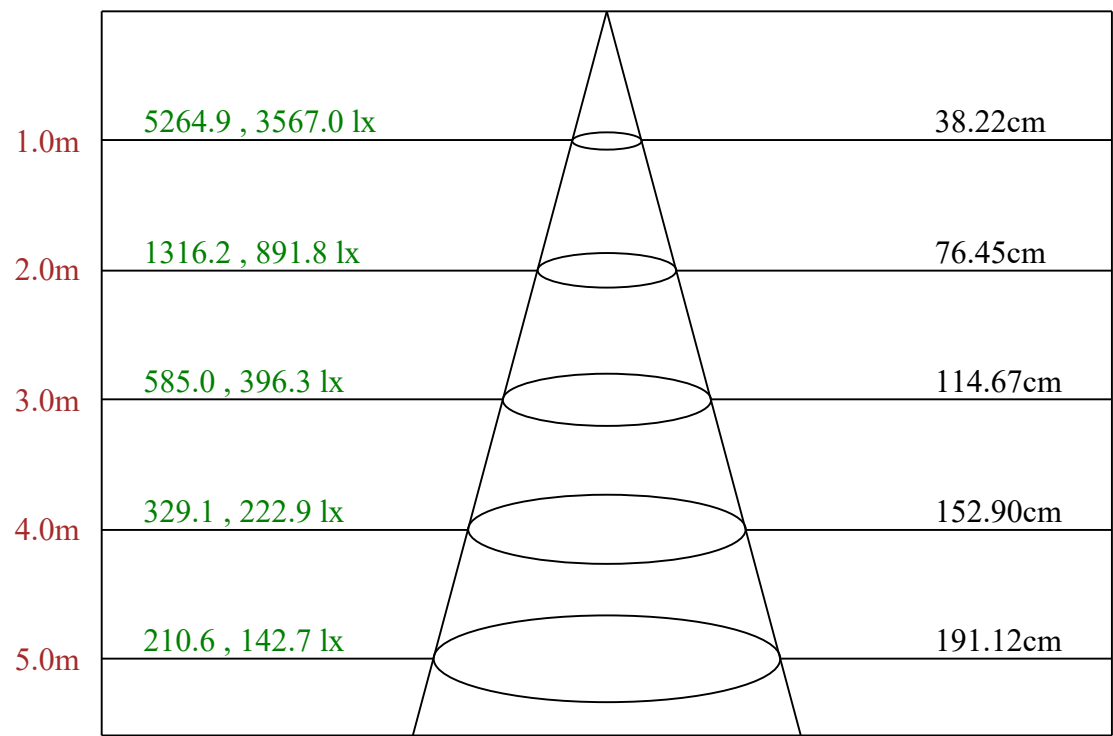
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 33.50%of Lamp 48.28%of Luminaire

SLI: 6.894 (C Flash Area: 0.001)

Throw: 92.2 (long), Spread: 4.5 (narrow), Control: 6.894 (tight)





Max , Ave Beam angle of C15 plane 21.64

