

MACRON

Client:

LumCAT: B-VAL25TSMR30WHBKS9A-20220505

Luminaire:

Report No: Voltage(V): 48.0890

Test No: Current(A): 0.2020

LampCAT: Power (W): 9.6950

Lamp flux(lm): 890.0 PF: 1.0000

Number of Lamps: 1 Ballast type:

Length(mm): 40 Width(mm): 40

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 612.76, Efficiency(%): 68.85% , Luminous Efficacy(lm/W): 63.20

Central intensity(cd): 2510.826, Maximum intensity(cd): 2512.099

Angle of maximum intensity: C=15.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=23.2

[C90/270]Total=23.1

Field angle(10%Imax): [C0/180]Total=50.7

[C90/270]Total=50.9

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.750148

Max Cd(80 to 90°Vert) : 1.750148

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

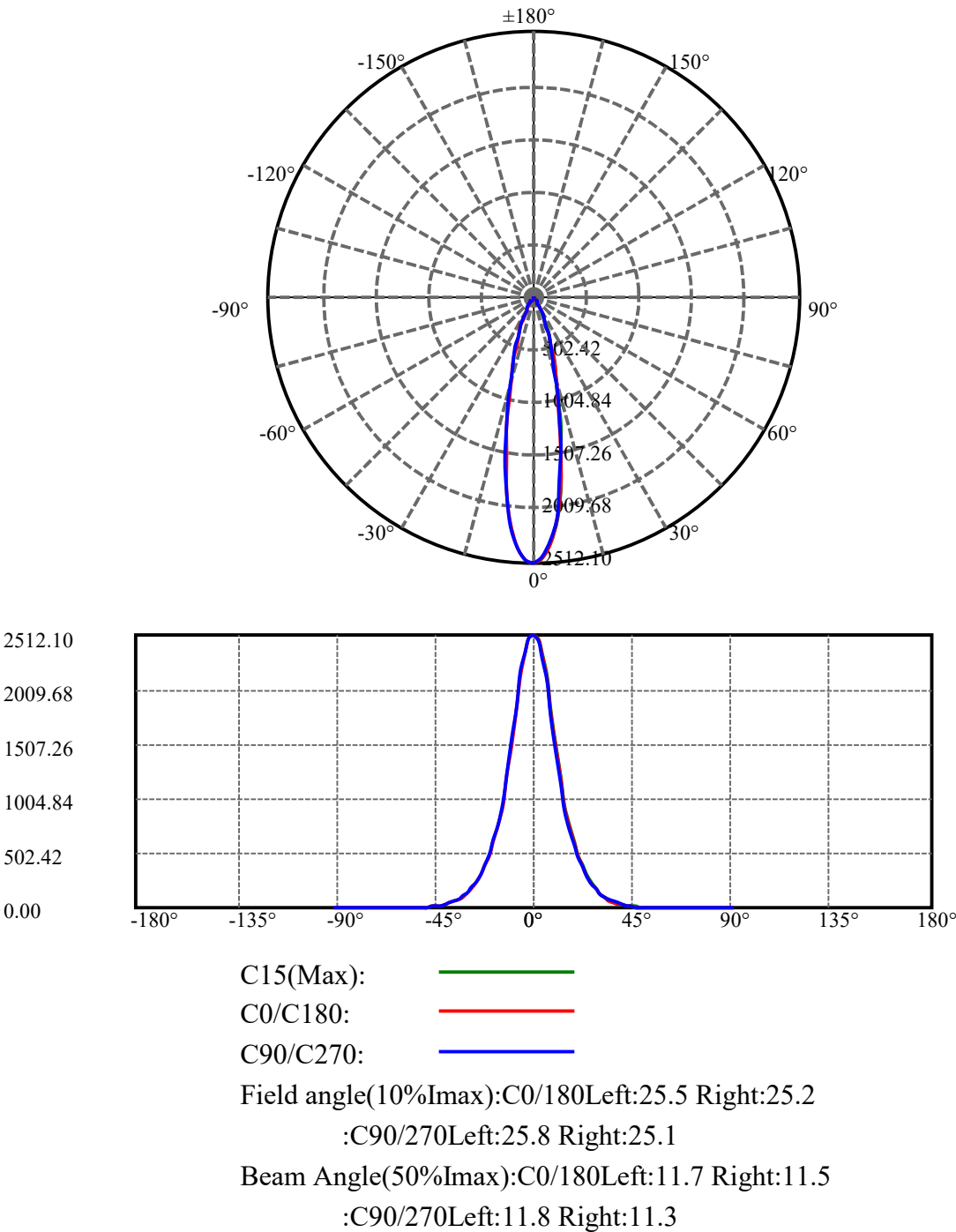
Street Side DownWard Lumens: 35.15%of Lamp 51.05%of Luminaire

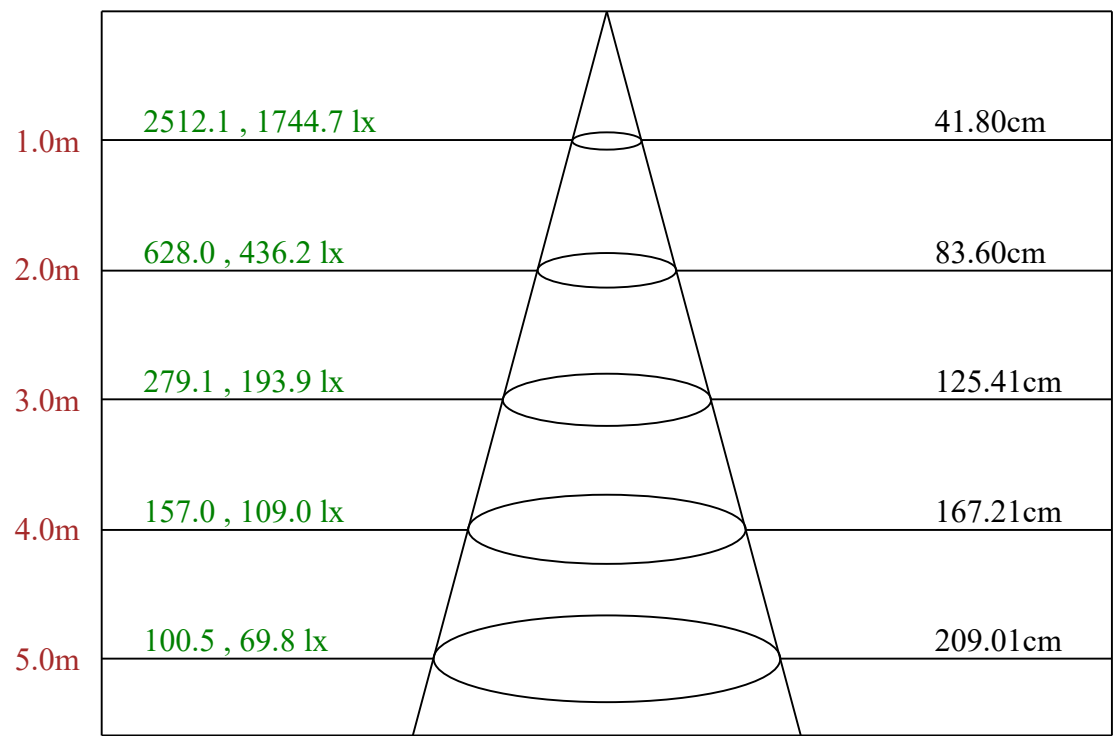
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 33.70%of Lamp 48.95%of Luminaire

SLI: 8.922 (C Flash Area: 0.000)

Throw: 92.3 (long), Spread: 5.1 (narrow), Control: 8.922 (tight)





Max , Ave Beam angle of C15 plane 23.61

