

MACRON

Client:

LumCAT: B-VAL25TSMR30WHBKM9A-20220420

Luminaire:

Report No:

Voltage(V): 48.0850

Test No:

Current(A): 0.2050

LampCAT:

Power (W): 9.8620

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): 646.03, Efficiency(%): 72.59% , Luminous Efficacy(lm/W): 65.51

Central intensity(cd): 1510.378, Maximum intensity(cd): 1515.151

Angle of maximum intensity: C=135.0 $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=34.3

[C90/270]Total=34.7

Field angle(10%Imax): [C0/180]Total=65.4

[C90/270]Total=66.1

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 2.386566

Max Cd(80 to 90°Vert) : 2.704775

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

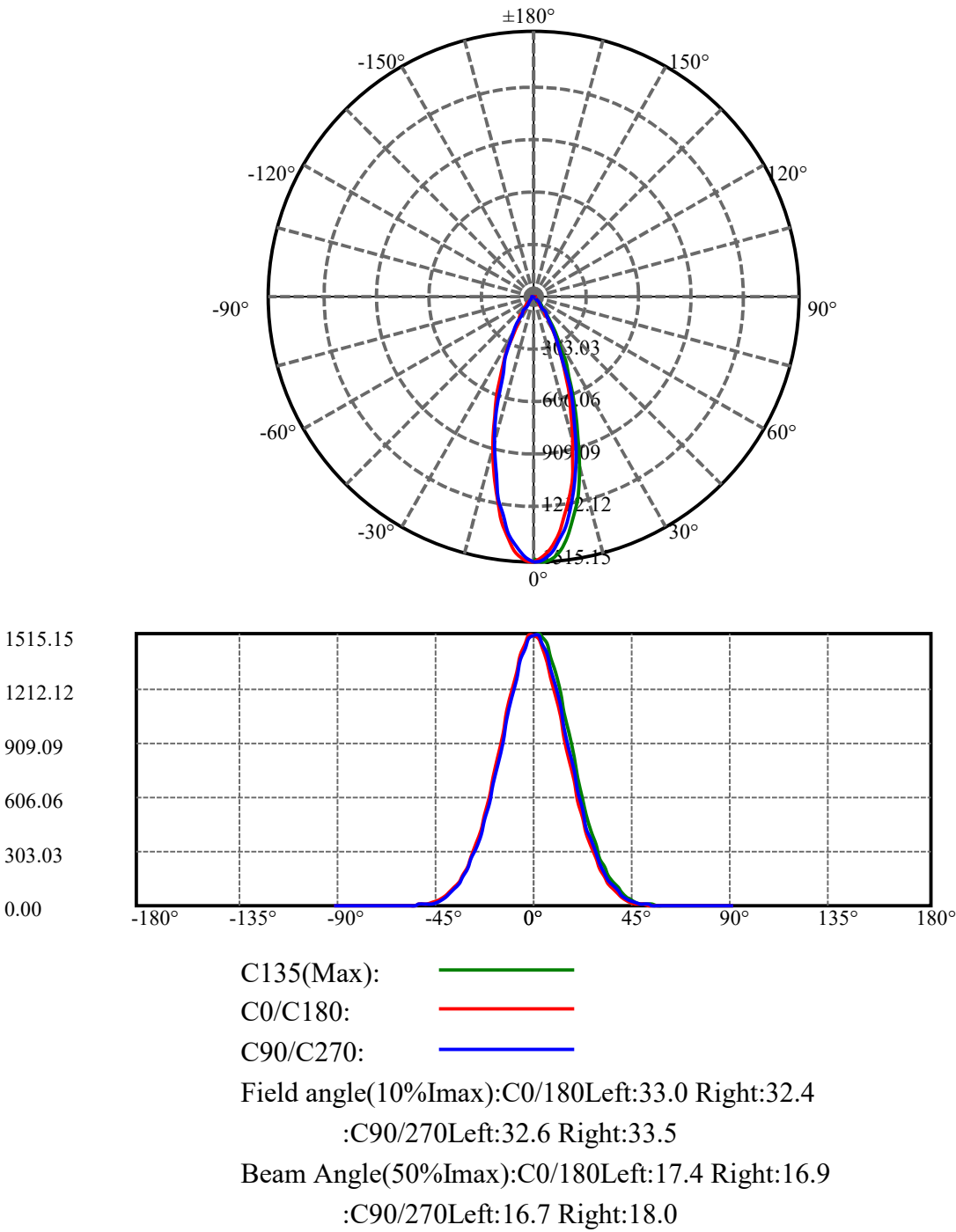
Street Side DownWard Lumens: 38.50%of Lamp 53.04%of Luminaire

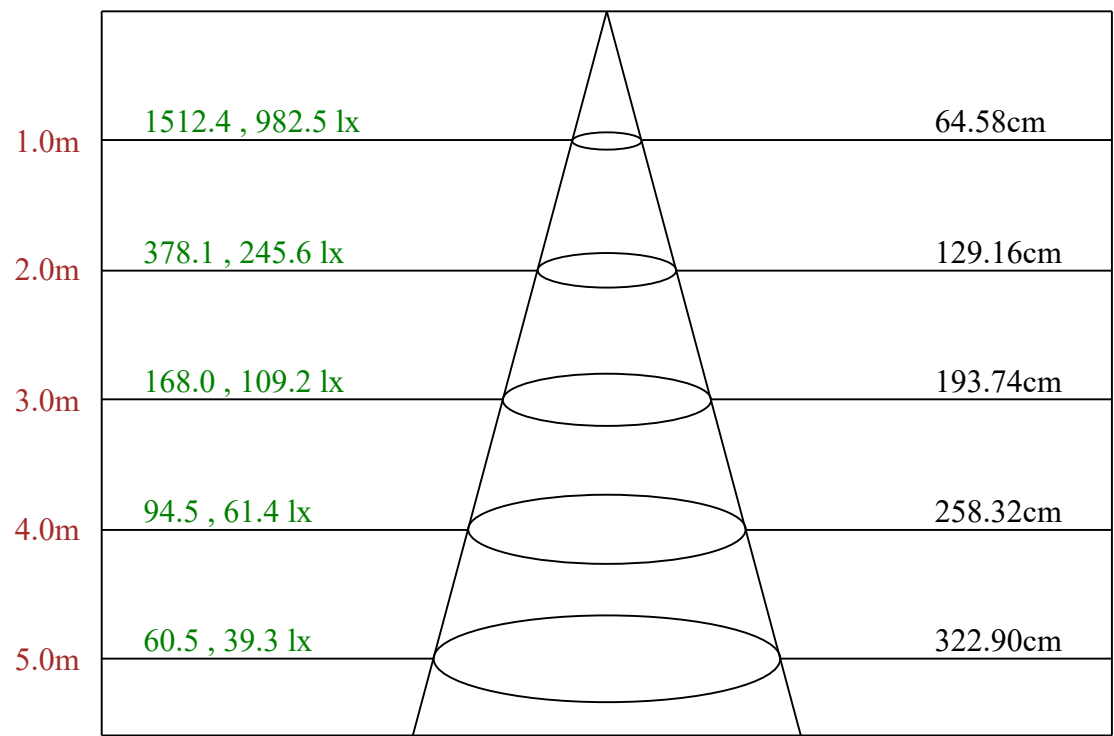
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 34.09%of Lamp 46.96%of Luminaire

SLI: 8.738 (C Flash Area: 0.000)

Throw: 94.2 (long), Spread: 7.6 (narrow), Control: 8.738 (tight)





Max , Ave Beam angle of C135 plane 35.79

