

MACRON

Client:

LumCAT: B-VAL25TSMR30WHBKW9A-20220420

Luminaire:

Report No:

Voltage(V): 48.0980

Test No:

Current(A): 0.2050

LampCAT:

Power (W): 9.8660

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): 667.81, Efficiency(%): 45.06% , Luminous Efficacy(lm/W): 67.69

Central intensity(cd): 1184.214, Maximum intensity(cd): 1188.987

Angle of maximum intensity: C=210.0 $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=41.9

[C90/270]Total=42.0

Field angle(10%Imax): [C0/180]Total=73.8

[C90/270]Total=73.7

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

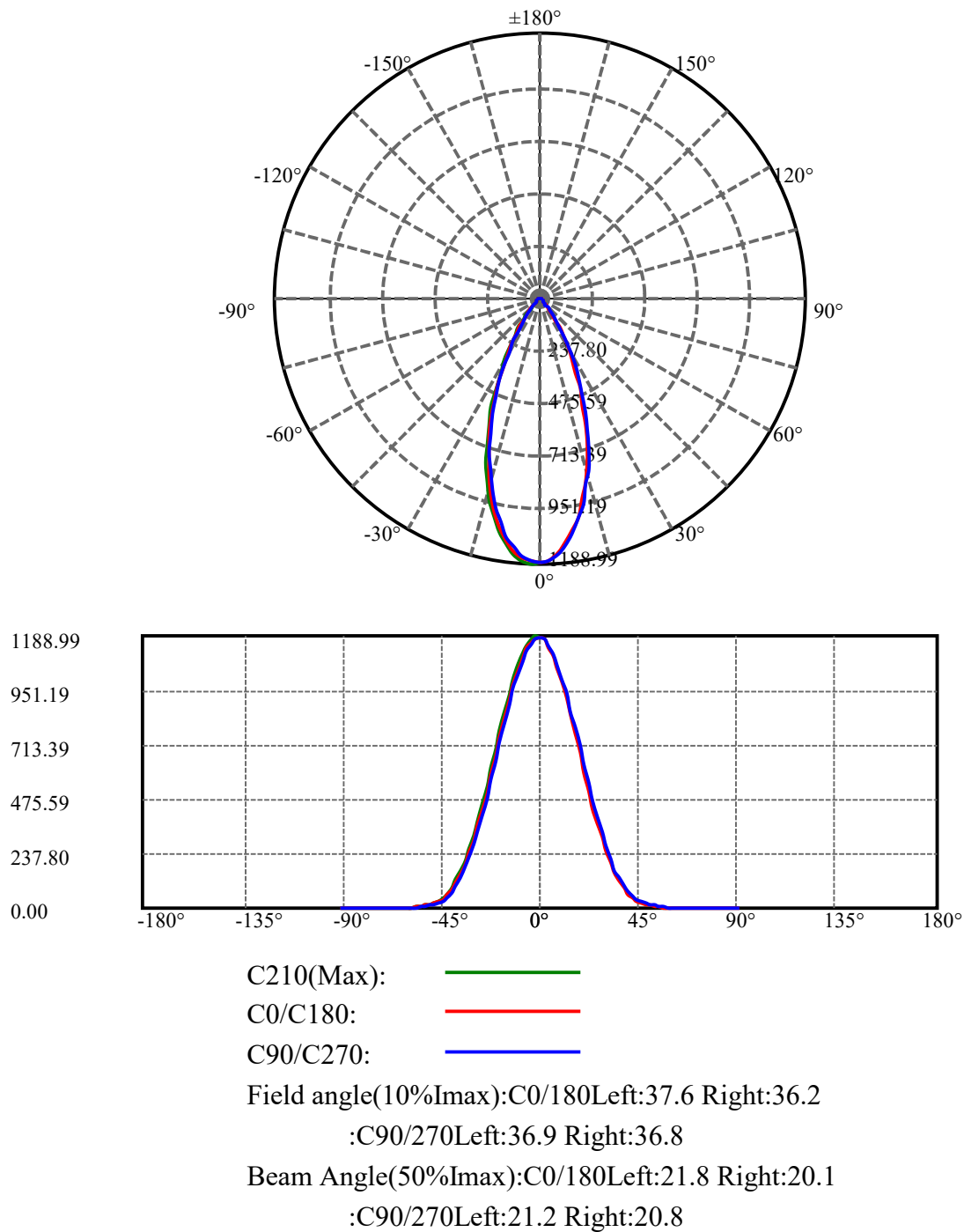
Street Side DownWard Lumens: 23.12%of Lamp 51.31%of Luminaire

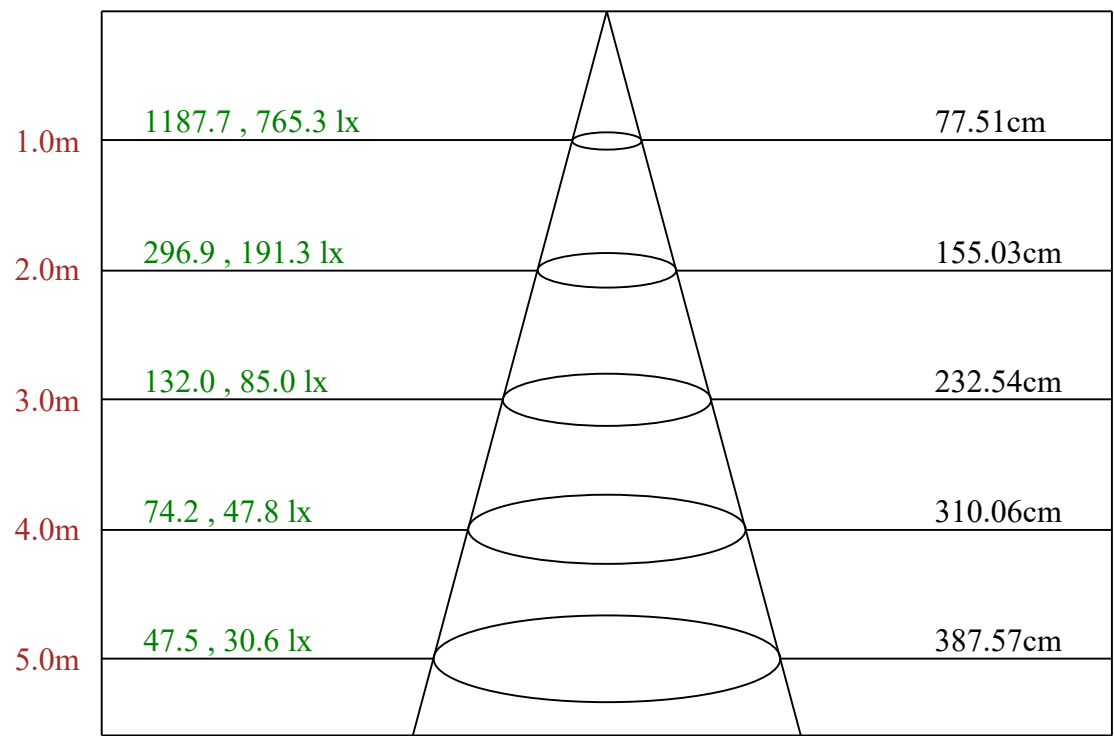
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 21.94%of Lamp 48.69%of Luminaire

SLI: 9.782 (C Flash Area: 0.000)

Throw: 94.8 (long), Spread: 8.2 (narrow), Control: 9.782 (tight)





Max , Ave Beam angle of C210 plane 42.37

