

MACRON

Client:

LumCAT: B-CLS75FDS30WHW9-(Dim-warm-open)300mA-20210816

Luminaire:

Report No: Voltage(V): 120.4600

Test No: Current(A): 0.0990

LampCAT: Power (W): 11.8450

Lamp flux(lm): 1000.0 PF: 0.9890

Number of Lamps: 1 Ballast type:

Length(mm): 85 Width(mm): 85

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 753.20, Efficiency(%): 75.32% , Luminous Efficacy(lm/W): 63.59

Central intensity(cd): 1331.545, Maximum intensity(cd): 1356.365

Angle of maximum intensity: C=165.0 γ =6.0

Beam Angle(50%Imax): [C0/180]Total=41.6

[C90/270]Total=42.1

Field angle(10%Imax): [C0/180]Total=69.0

[C90/270]Total=68.6

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.43194

Max Cd(80 to 90°Vert) : 4.295819

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

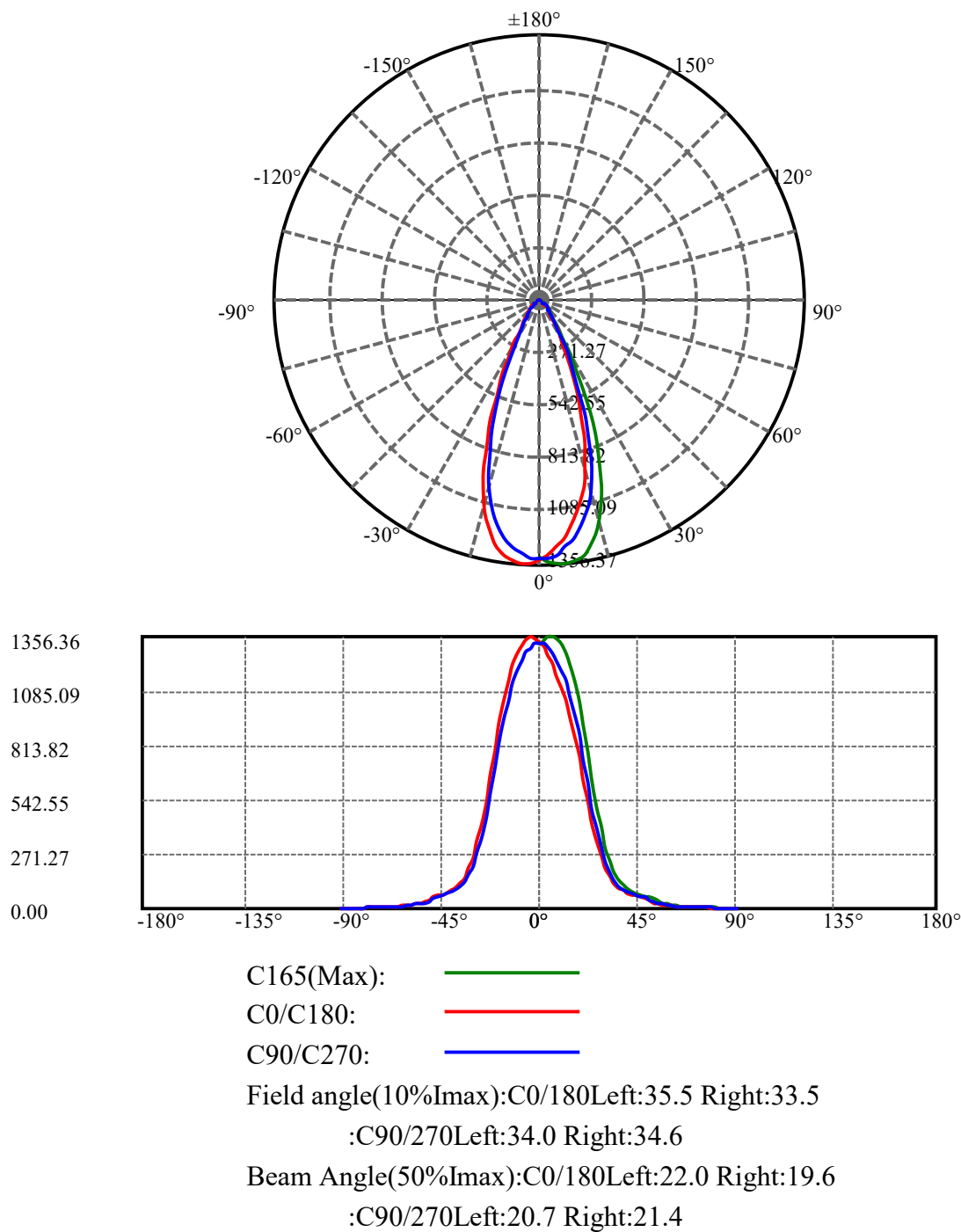
Street Side DownWard Lumens: 39.44%of Lamp 52.36%of Luminaire

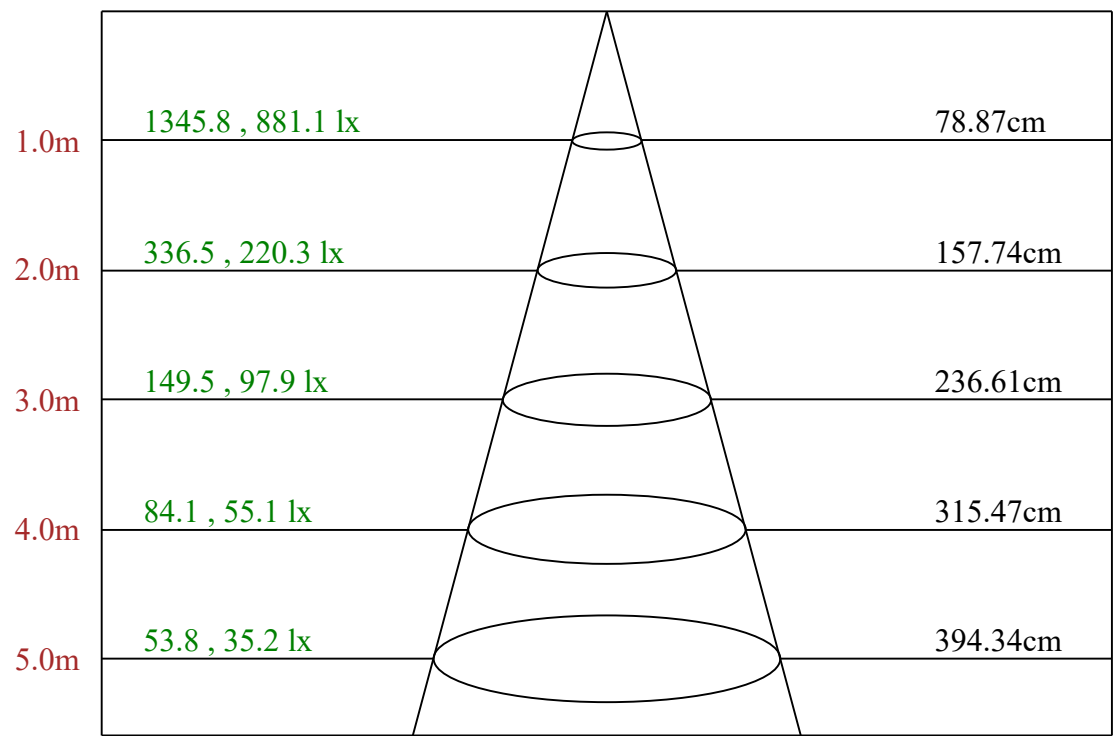
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 35.88%of Lamp 47.64%of Luminaire

SLI: 9.409 (C Flash Area: 0.002)

Throw: 97.0 (long), Spread: 8.7 (narrow), Control: 9.409 (tight)





Max , Ave Beam angle of C165 plane 43.04