

MACRON

Client:

LumCAT: B-VAL55CYWWSSR1030WHBK9-20220728

Luminaire:

Report No: Voltage(V): 120.8200

Test No: Current(A): 0.0870

LampCAT: Power (W): 10.2240

Lamp flux(lm): 890.0 PF: 0.9780

Number of Lamps: 1 Ballast type:

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

Phm Type: C Height(mm): 1

Photometric Results

Lumens(lm): 734.90, Efficiency(%): 82.57% , Luminous Efficacy(lm/W): 71.88

Central intensity(cd): 482.638, Maximum intensity(cd): 517.100

Angle of maximum intensity: C=45.0 γ =10.0

Beam Angle(50%Imax): [C0/180]Total=59.4
[C90/270]Total=92.7

Field angle(10%Imax): [C0/180]Total=109.8
[C90/270]Total=123.6

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.934069

Max Cd(80 to 90°Vert) : 3.692314

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

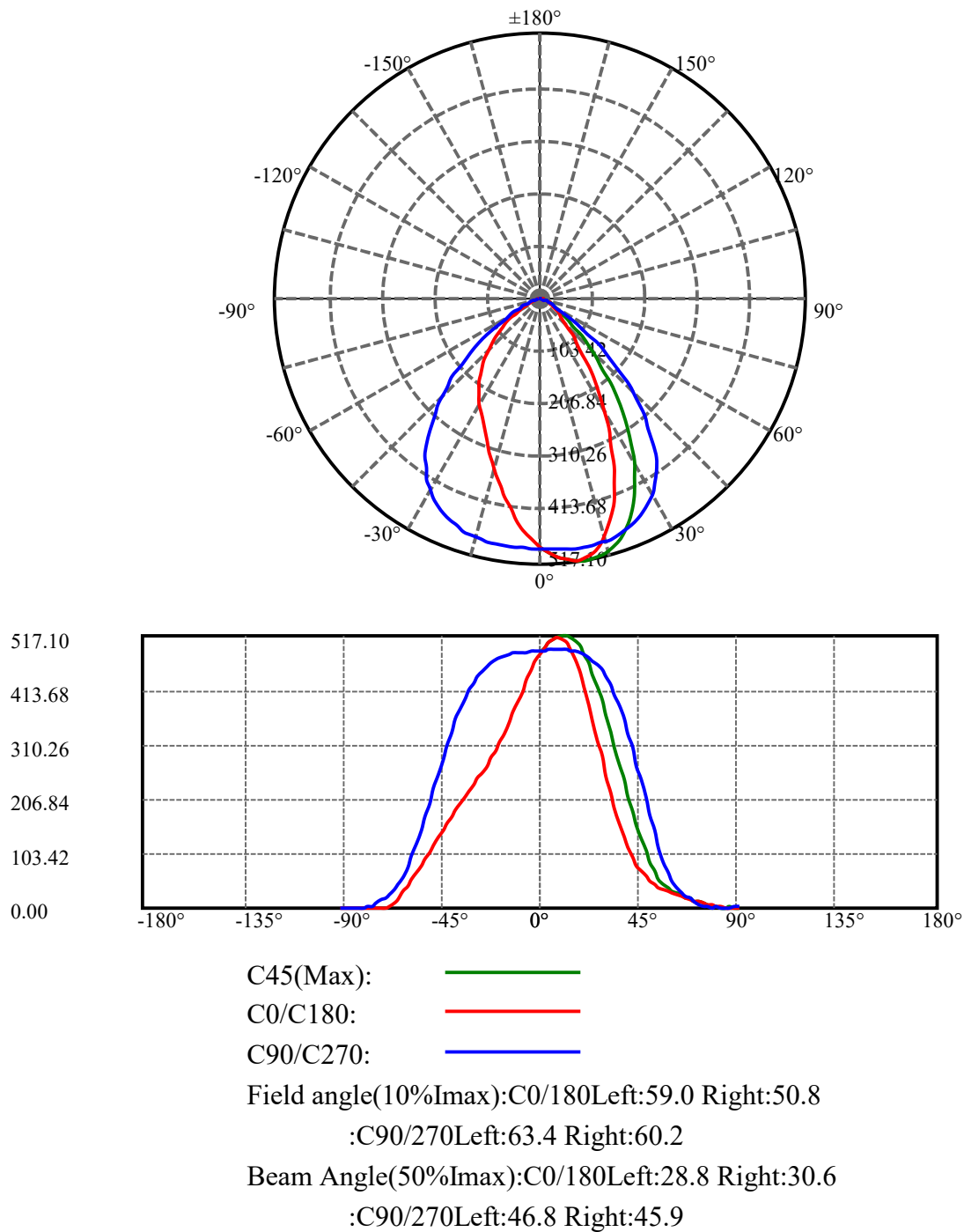
Street Side DownWard Lumens: 41.16%of Lamp 49.85%of Luminaire

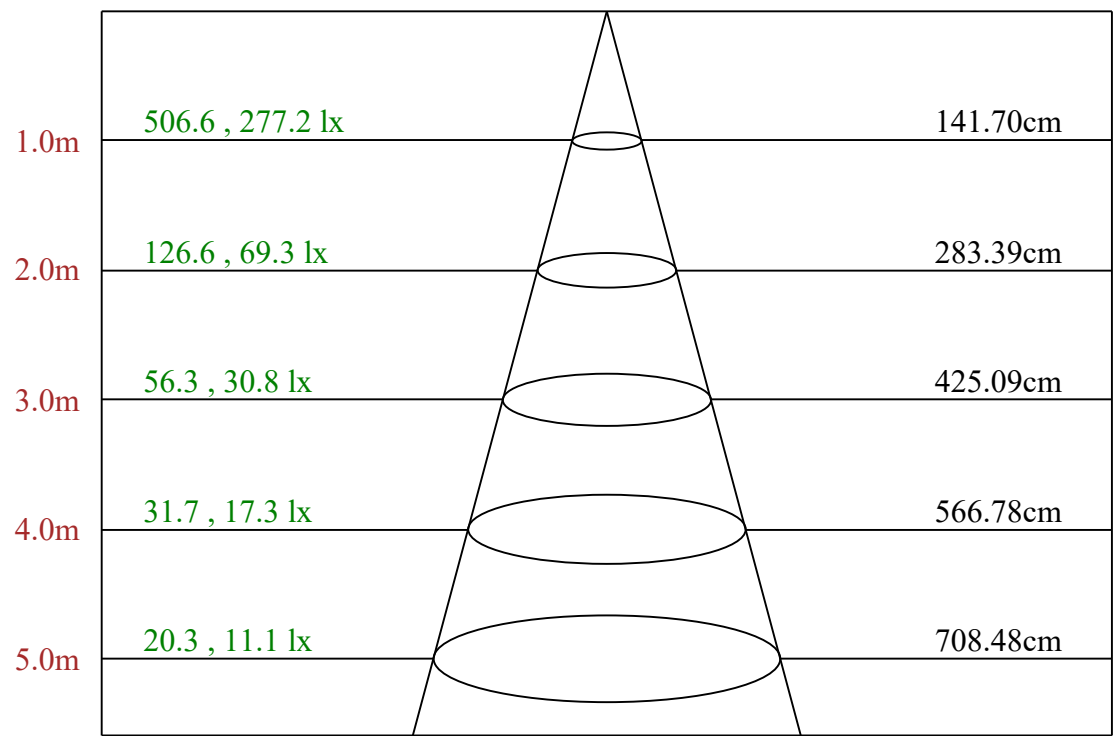
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 41.41%of Lamp 50.15%of Luminaire

SLI: 8.873 (C Flash Area: 0.001)

Throw: -63.0 (short), Spread: 29.3 (narrow), Control: 8.873 (tight)





Max , Ave Beam angle of C45 plane 70.63

