

## MACRON

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Client:

LumCAT: B-VAL55CPRG2040WHBKW93AE-20220330

Luminaire:

Report No: Voltage(V): 120.1800

Test No: Current(A): 0.1850

LampCAT: Power (W): 21.6960

Lamp flux(lm): 1742.0 PF: 0.9760

Number of Lamps: 1 Ballast type:

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

Phm Type: C Height(mm): 1

## Photometric Results

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Lumens(lm): 1106.61, Efficiency(%): 63.53% , Luminous Efficacy(lm/W): 51.01

Central intensity(cd): 2227.621, Maximum intensity(cd): 2238.758

Angle of maximum intensity: C=120.0  $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=40.3

[C90/270]Total=39.7

Field angle(10%Imax): [C0/180]Total=66.5

[C90/270]Total=65.7

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 5.250445

Max Cd(80 to 90°Vert) : 6.205071

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

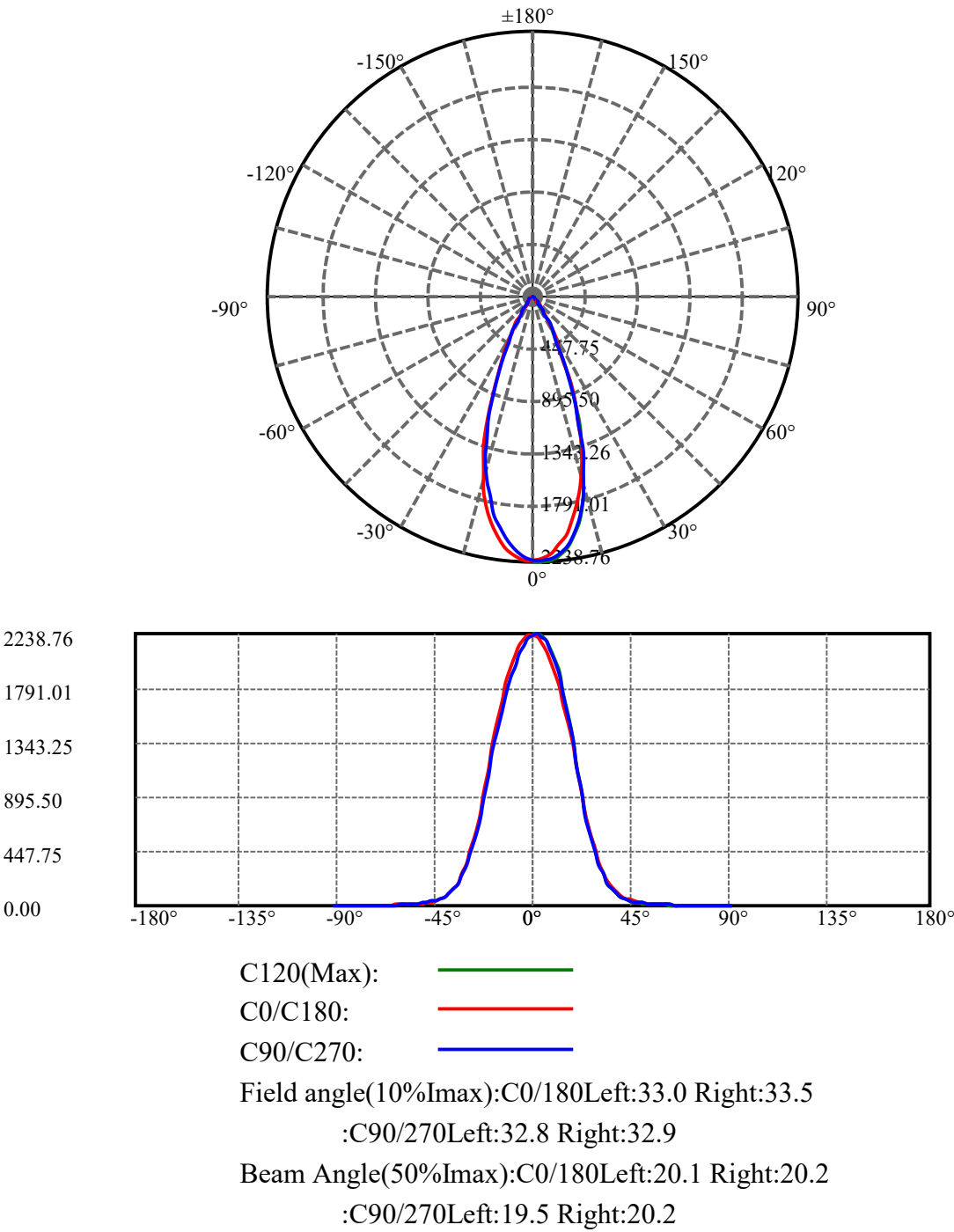
Street Side DownWard Lumens: 33.32%of Lamp 52.45%of Luminaire

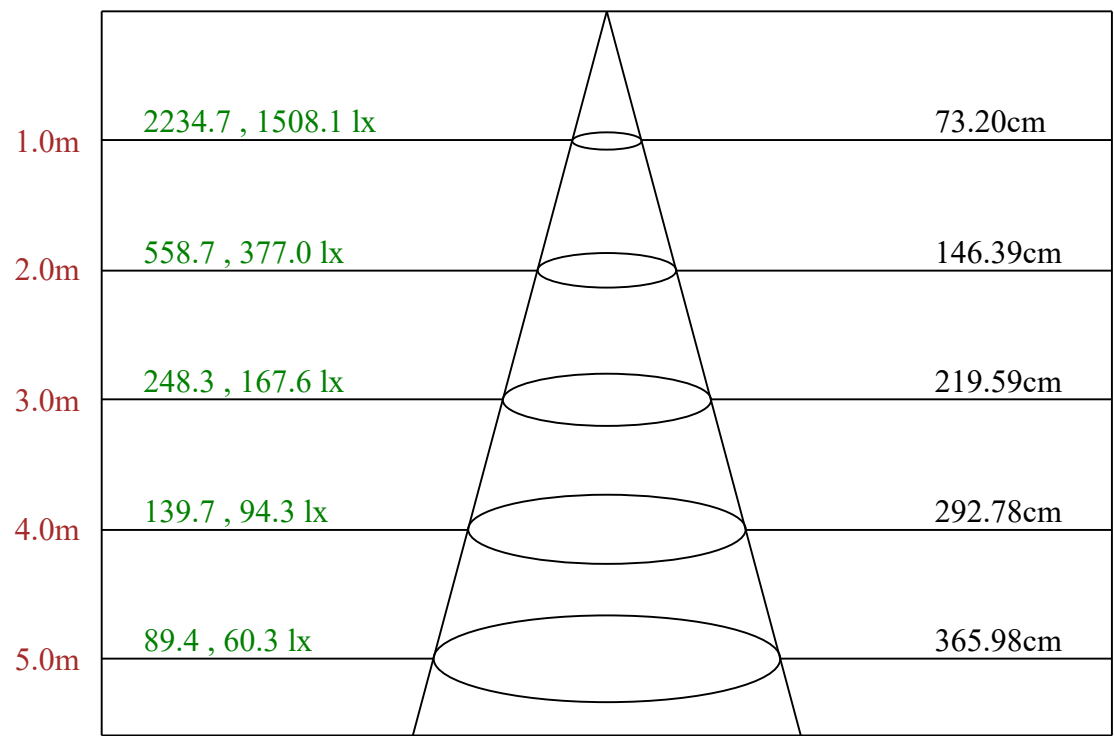
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 30.21%of Lamp 47.55%of Luminaire

SLI: 8.158 (C Flash Area: 0.001)

Throw: 95.1 (long), Spread: 10.6 (narrow), Control: 8.158 (tight)





Max , Ave      Beam angle of C120 plane 40.20

