

## MACRON

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Client:

LumCAT: B-VAL100CPRG2030WHBKM93AE-DOWN-20220426

Luminaire:

Report No:

Voltage(V): 120.3000

Test No:

Current(A): 0.2920

LampCAT:

Power (W): 33.9110

Lamp flux(lm): 2626.0

PF: 0.9670

Number of Lamps: 1

Ballast type:

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 1

## Photometric Results

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Lumens(lm): 1952.63, Efficiency(%): 74.36% , Luminous Efficacy(lm/W): 57.58

Central intensity(cd): 5595.797, Maximum intensity(cd): 5656.257

Angle of maximum intensity: C=105.0  $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=25.7

[C90/270]Total=25.8

Field angle(10%Imax): [C0/180]Total=60.0

[C90/270]Total=59.5

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 14.41486

Max Cd(80 to 90°Vert) : 20.77903

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

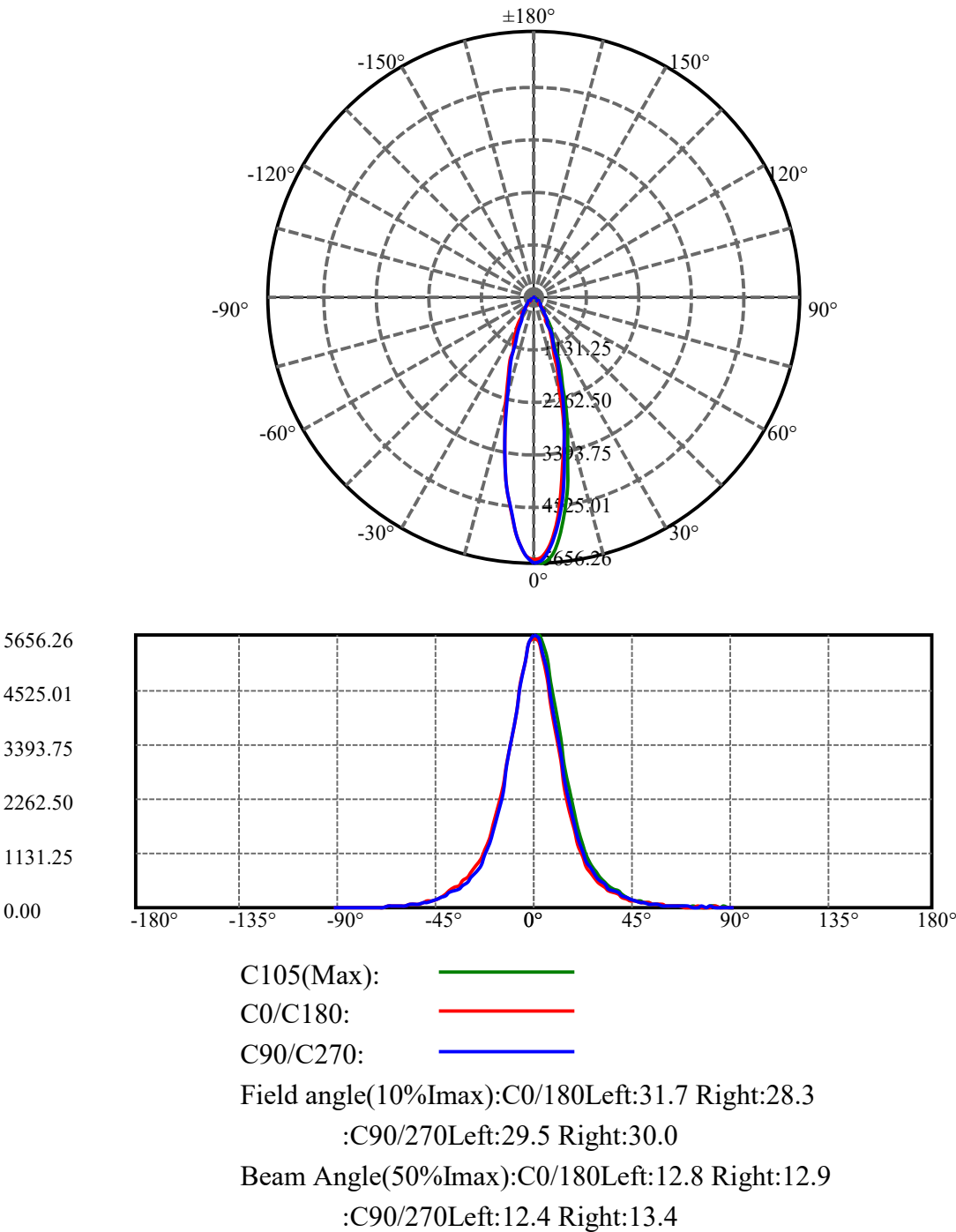
Street Side DownWard Lumens: 38.98%of Lamp 52.42%of Luminaire

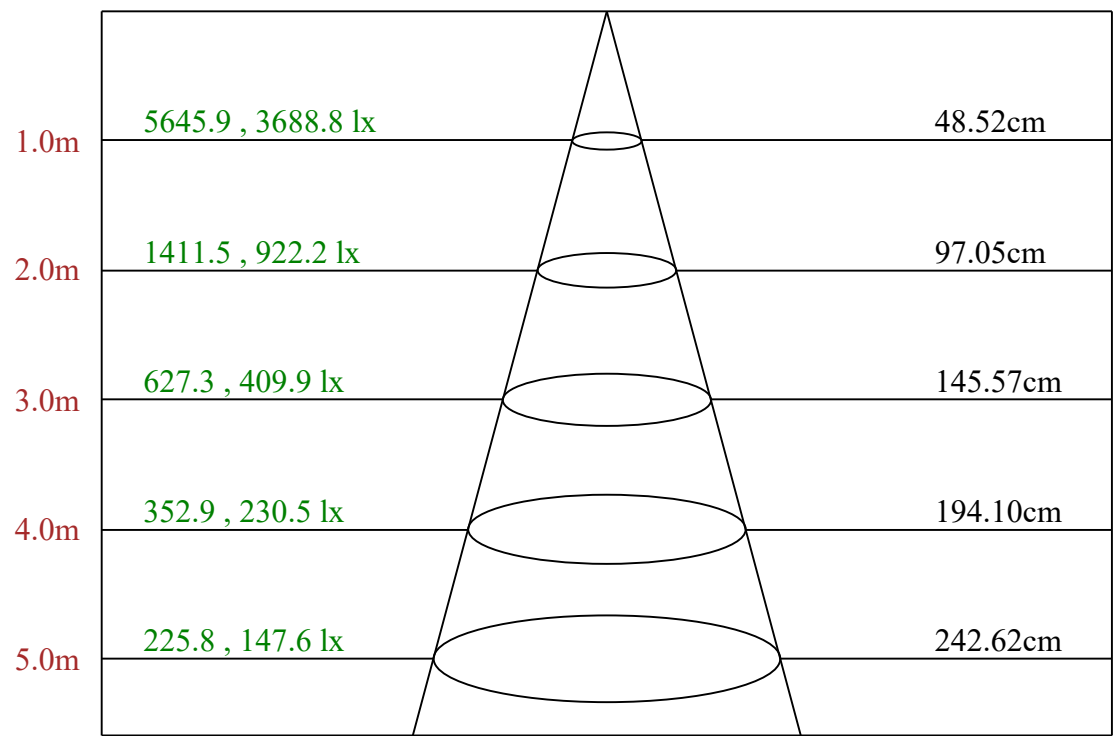
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 35.38%of Lamp 47.58%of Luminaire

SLI: 6.870 (C Flash Area: 0.002)

Throw: 93.1 (long), Spread: 5.8 (narrow), Control: 6.870 (tight)





Max , Ave      Beam angle of C105 plane 27.28

