

MACRON

Client:

LumCAT: B-VAL100CPRG2030WHBKW93AE-DOWN-20220426

Luminaire:

Report No: Voltage(V): 120.3000

Test No: Current(A): 0.2910

LampCAT: Power (W): 33.9050

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

Lumens(lm): 1985.42, Efficiency(%): 75.61% , Luminous Efficacy(lm/W): 58.56

Central intensity(cd): 4730.269, Maximum intensity(cd): 4790.729

Angle of maximum intensity: C=195.0 $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=31.7

[C90/270]Total=32.2

Field angle(10%Imax): [C0/180]Total=63.5

[C90/270]Total=64.1

IES Classification : TypeI

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 17.59694

Max Cd(80 to 90°Vert) : 20.77903

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

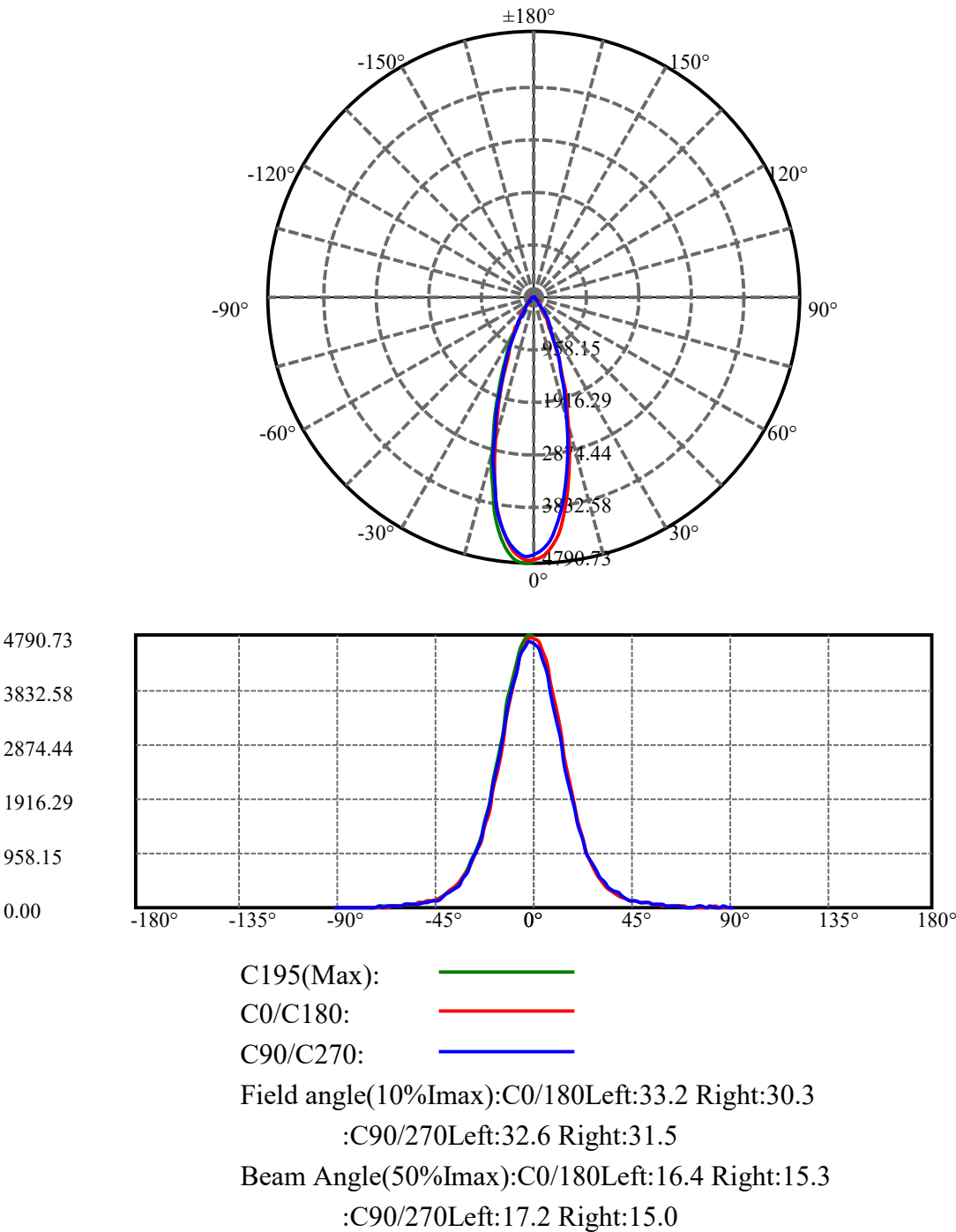
Street Side DownWard Lumens: 36.44%of Lamp 48.20%of Luminaire

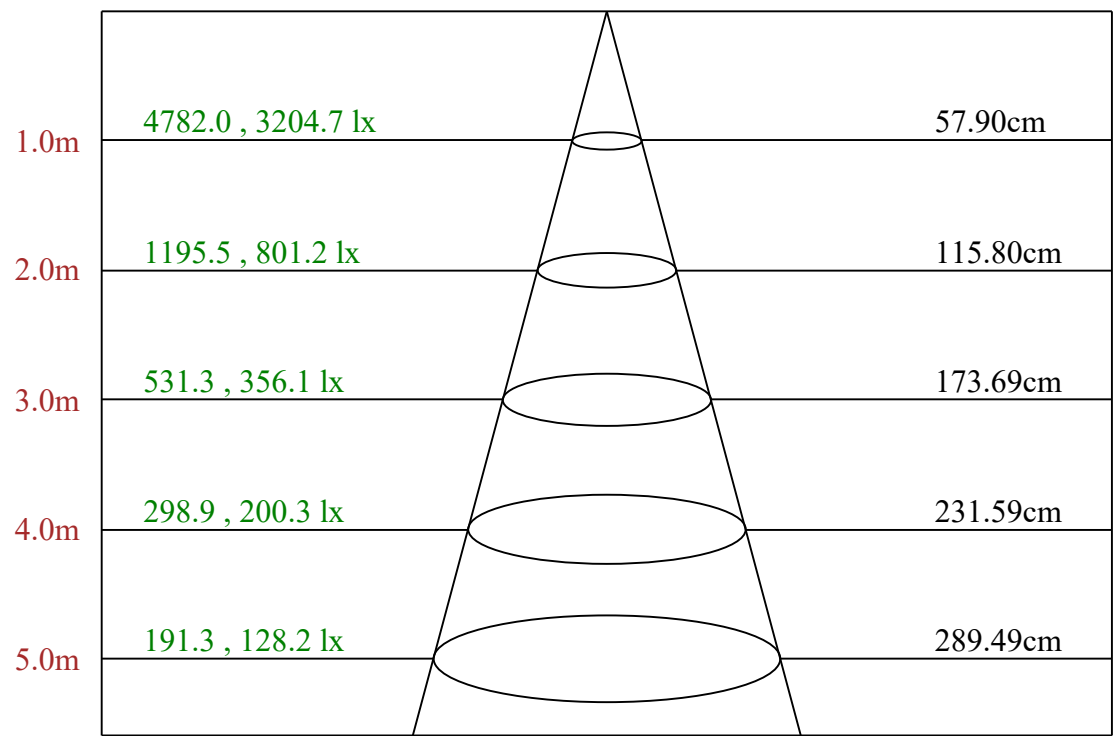
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire

House Side DownWard Lumens: 39.17%of Lamp 51.80%of Luminaire

SLI: 6.930 (C Flash Area: 0.002)

Throw: 94.0 (long), Spread: 5.0 (narrow), Control: 6.930 (tight)





Max , Ave Beam angle of C195 plane 32.29

