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MACRON

Client:

LumCAT:

Luminaire: B-VAL55CYSSR1030WHBKS9-20200930

Report No:

Voltage(V):

Test No:

Current(A):

LampCAT:

Power (W): 9.8240

Lamp flux(lm): 696.0

PF:

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 696.96

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 70.94

Central intensity(cd): 2965.547

Maximum intensity(cd): 2984.321

Angle of maximum intensity: C=105.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.3

[C90/270]Total=21.5

Field angle(10%Imax): [C0/180]Total=50.6

[C90/270]Total=50.5

Maximum s/h(1/2): C0_180=0.34 C90_270=0.37

Maximum s/h(1/4): C0_180=0.39 C90_270=0.40

Up flux rate of lamp(%): 0.00%

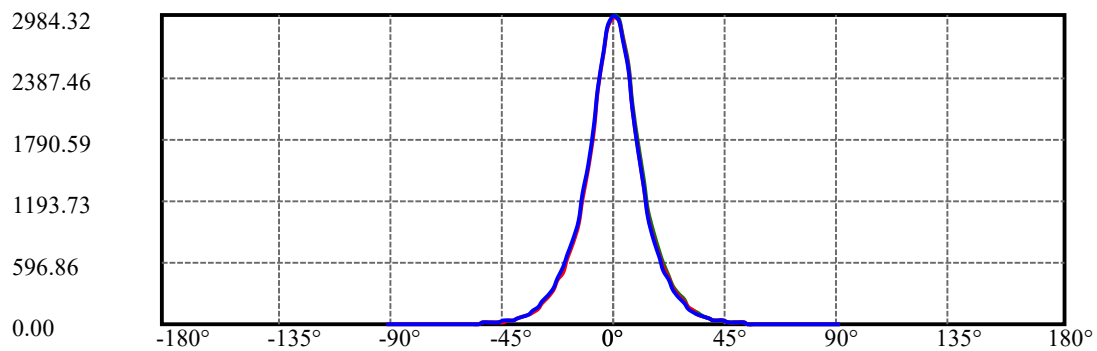
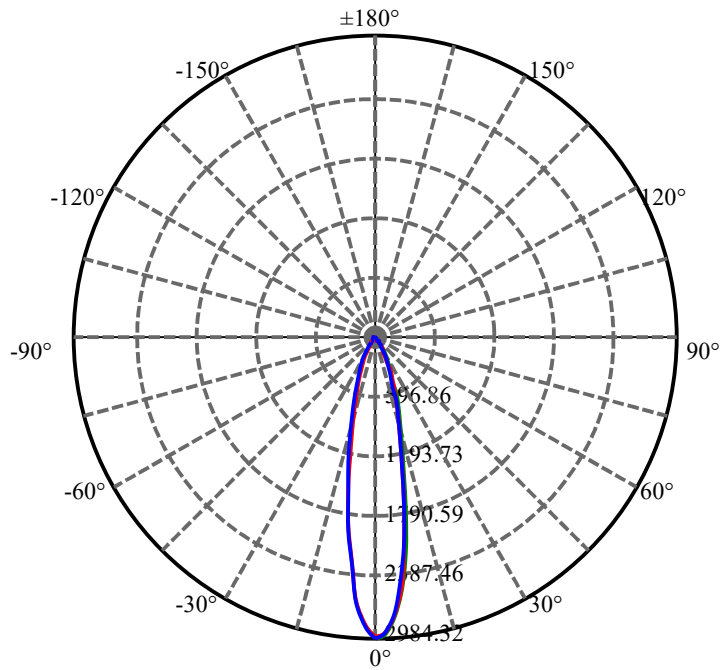
Down flux rate of lamp(%): 100.14%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.451%



C105(Max):

C0/C180:

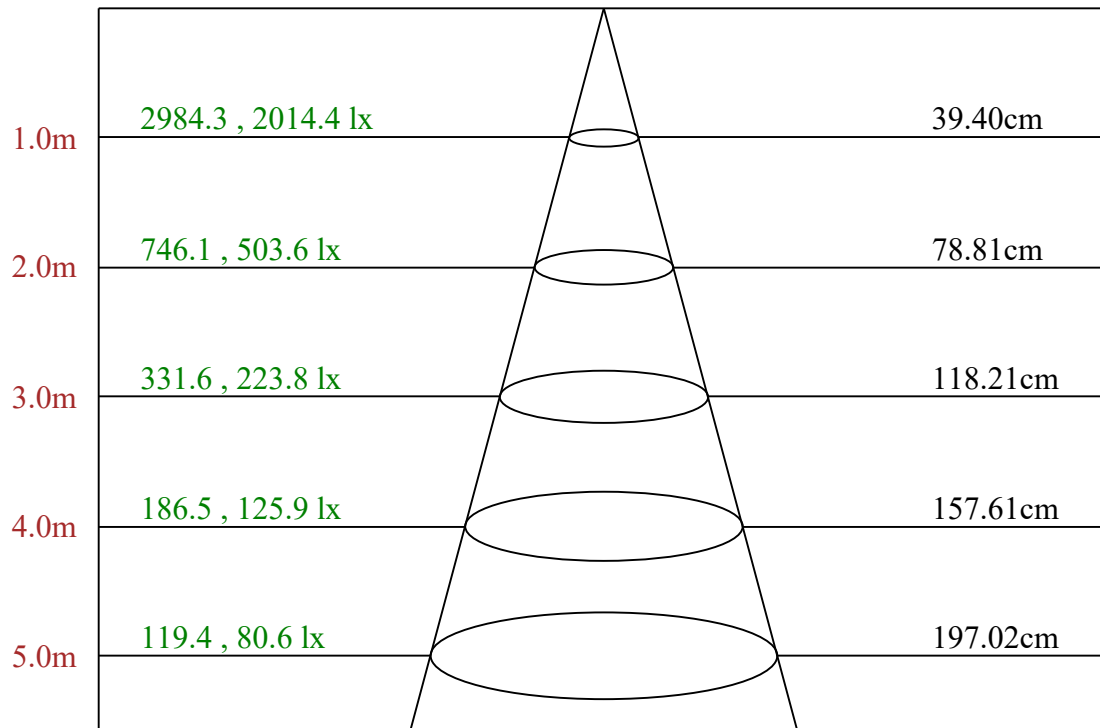
C90/C270:

Field angle(10%Imax):C0/180Left:25.0 Right:25.6

:C90/270Left:25.6 Right:24.9

Beam Angle(50%Imax):C0/180Left:10.2 Right:11.1

:C90/270Left:10.4 Right:11.1



Max , Ave

Beam angle of C105 plane 22.29