



Macron Associate co.
www.macrongroup.com
Email:macron@macrongroup.com
Tel:+886 4 22708357 Fax:+886 4 22774516
Address:No.352, Peng-Yi Road, Taiping, Taichung, 41146, TAIWAN R.O.C

Macron

Client:

LumCAT: MCB-LTE55-FDRNC-BV-WH3090S00-20181122

Luminaire:

Report No:

Voltage(V):

Test No:

Current(A):

LampCAT:

Power (W): 7.8750

Lamp flux(lm): 456.3

PF:

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 456.27

Efficiency(%): 99.99%

Lumens(lm)/Power(W): 57.94

Central intensity(cd): 2444.165

Maximum intensity(cd): 2469.821

Angle of maximum intensity: C=15.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.6

[C90/270]Total=19.0

Field angle(10%Imax): [C0/180]Total=41.6

[C90/270]Total=42.2

Maximum s/h(1/2): C0_180=0.32 C90_270=0.33

Maximum s/h(1/4): C0_180=0.33 C90_270=0.34

Up flux rate of lamp(%): 0.00%

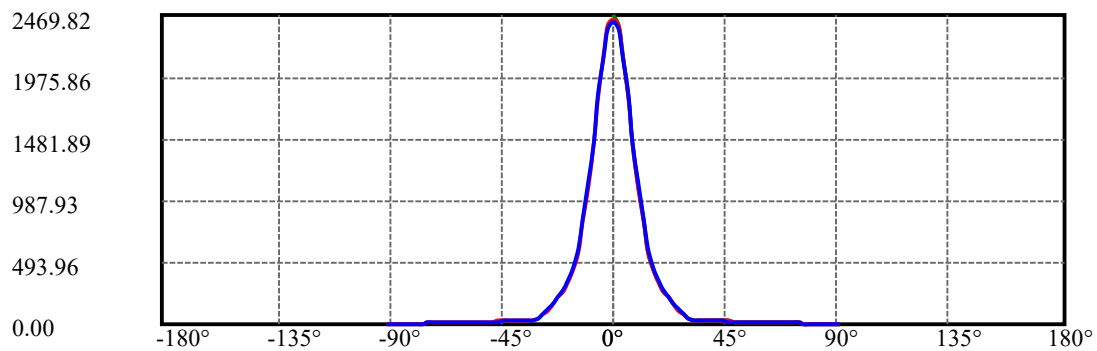
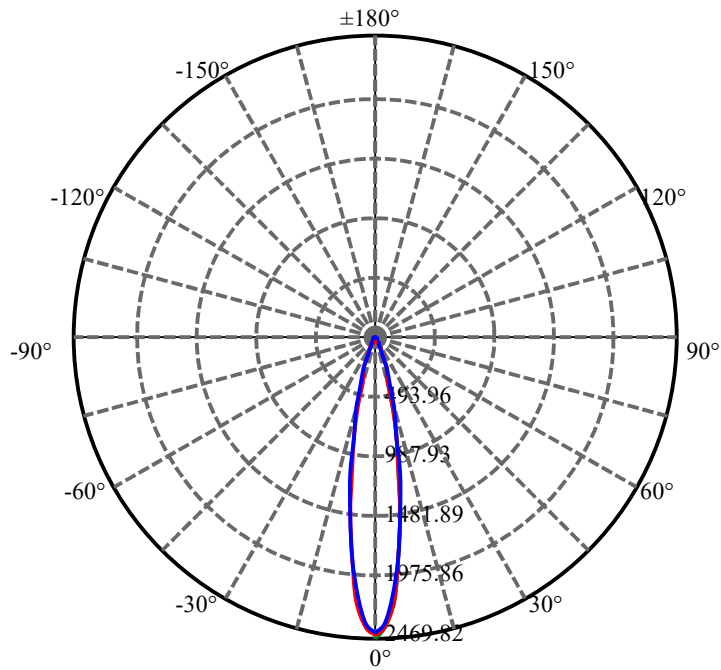
Down flux rate of lamp(%): 99.99%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 94.590%



C15(Max):

C0/C180:

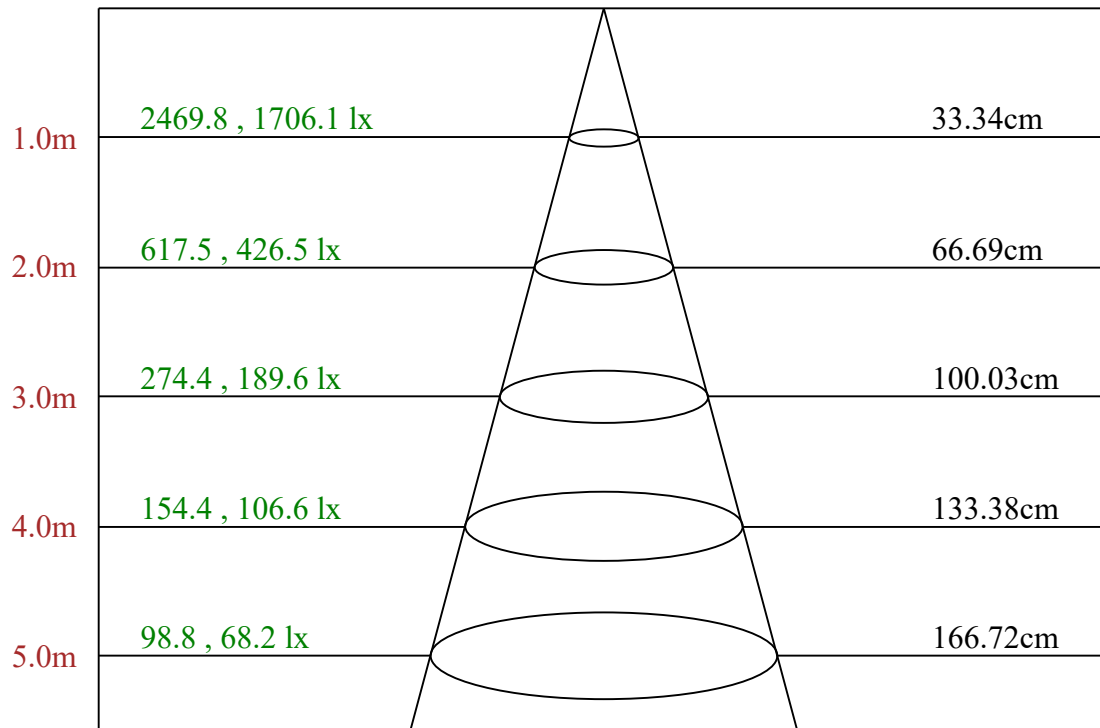
C90/C270:

Field angle(10%Imax):C0/180Left:20.8 Right:20.8

:C90/270Left:21.1 Right:21.1

Beam Angle(50%Imax):C0/180Left:9.3 Right:9.3

:C90/270Left:9.5 Right:9.5



Max , Ave Beam angle of C15 plane 18.93