



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: SPECTER S3-S-3000K 90CRI

Luminaire:

Report No:

Voltage(V):

Test No:

Current(A):

LampCAT:

Power (W): 19.7830

Lamp flux(lm): 1195.0

PF:

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1195.14

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 60.41

Central intensity(cd): 5177.241

Maximum intensity(cd): 5177.241

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=22.0

[C90/270]Total=22.0

Field angle(10%Imax): [C0/180]Total=54.0

[C90/270]Total=54.0

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

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

Up flux rate of lamp(%): 0.00%

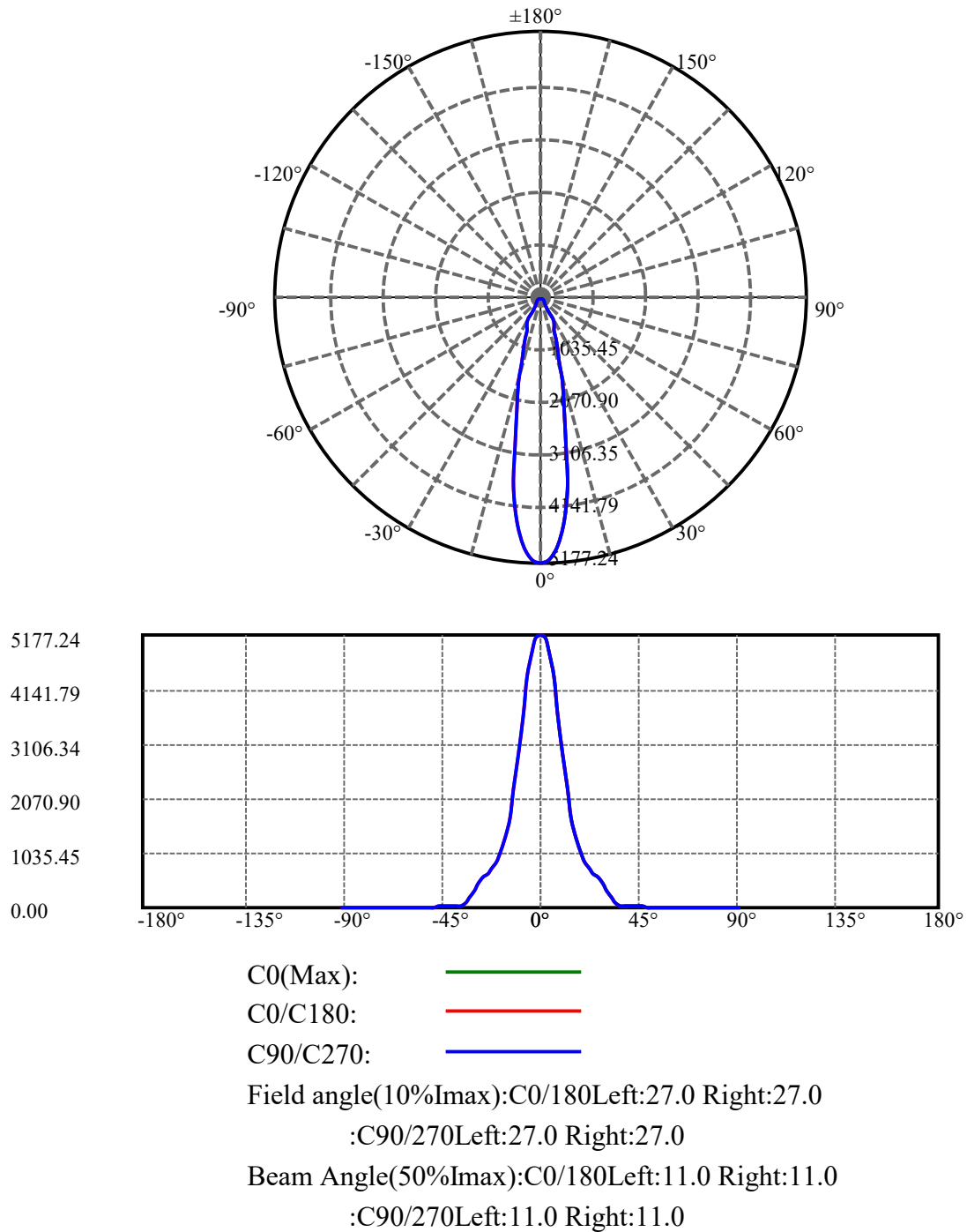
Down flux rate of lamp(%): 100.01%

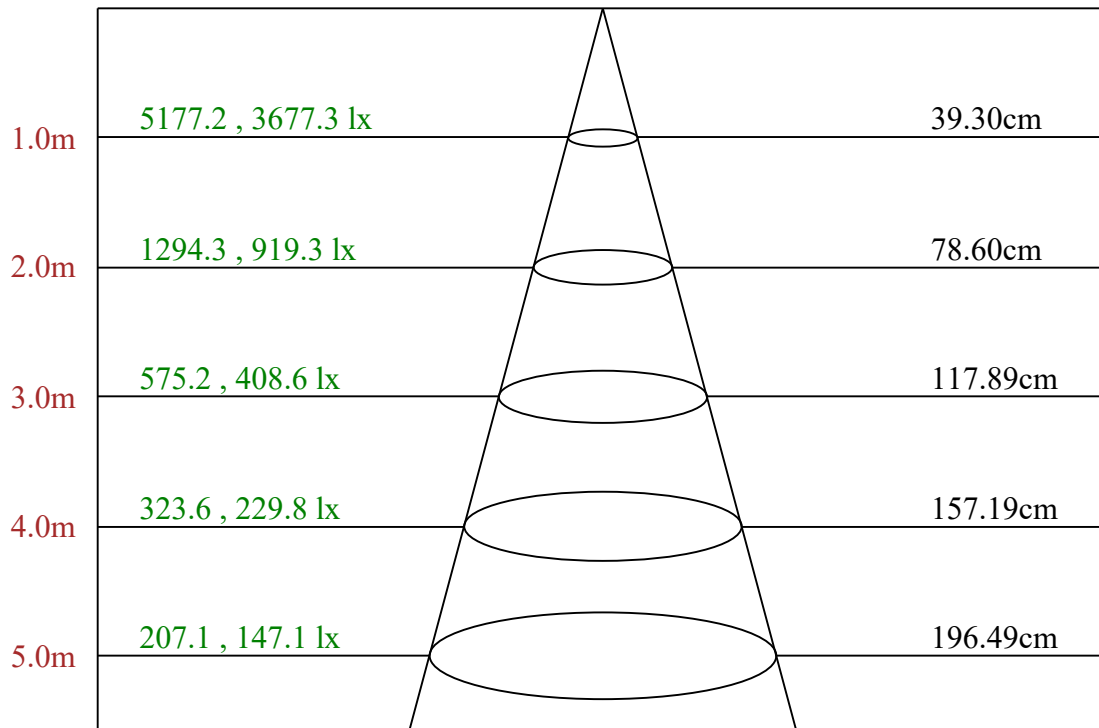
Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.414%





Max , Ave Beam angle of C0 plane 22.23