



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 S4-S-3000K-90CRI-20181022

Luminaire:

Report No:

Voltage(V):

Test No:

Current(A):

LampCAT:

Power (W): 34.8120

Lamp flux(lm): 2494.0

PF:

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2494.00

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 71.64

Central intensity(cd): 8907.263

Maximum intensity(cd): 9253.431

Angle of maximum intensity: C=105.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.9

[C90/270]Total=23.8

Field angle(10%Imax): [C0/180]Total=55.0

[C90/270]Total=55.5

Maximum s/h(1/2): C0_180=0.31 C90_270=0.44

Maximum s/h(1/4): C0_180=0.35 C90_270=0.46

Up flux rate of lamp(%): 0.00%

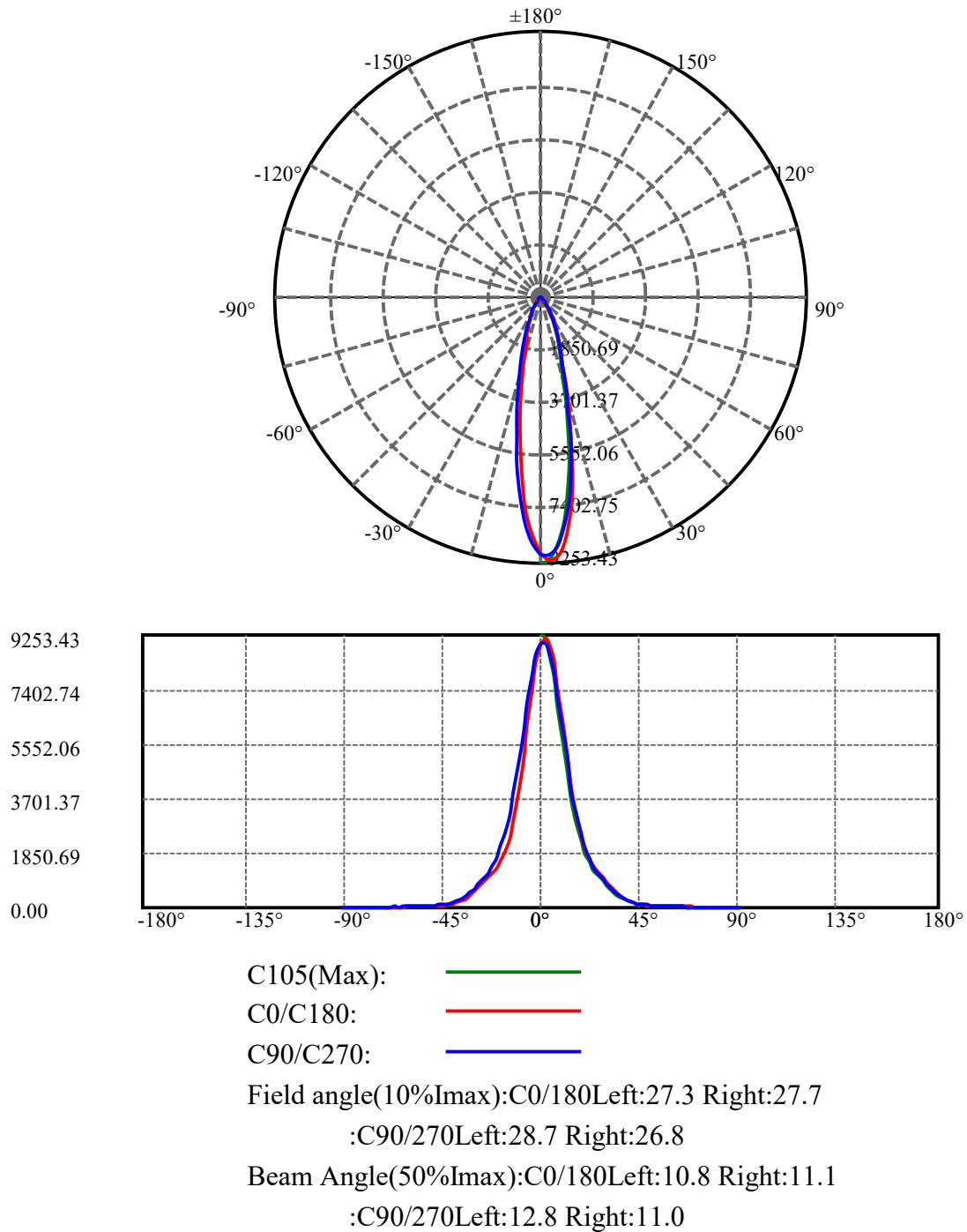
Down flux rate of lamp(%): 100.00%

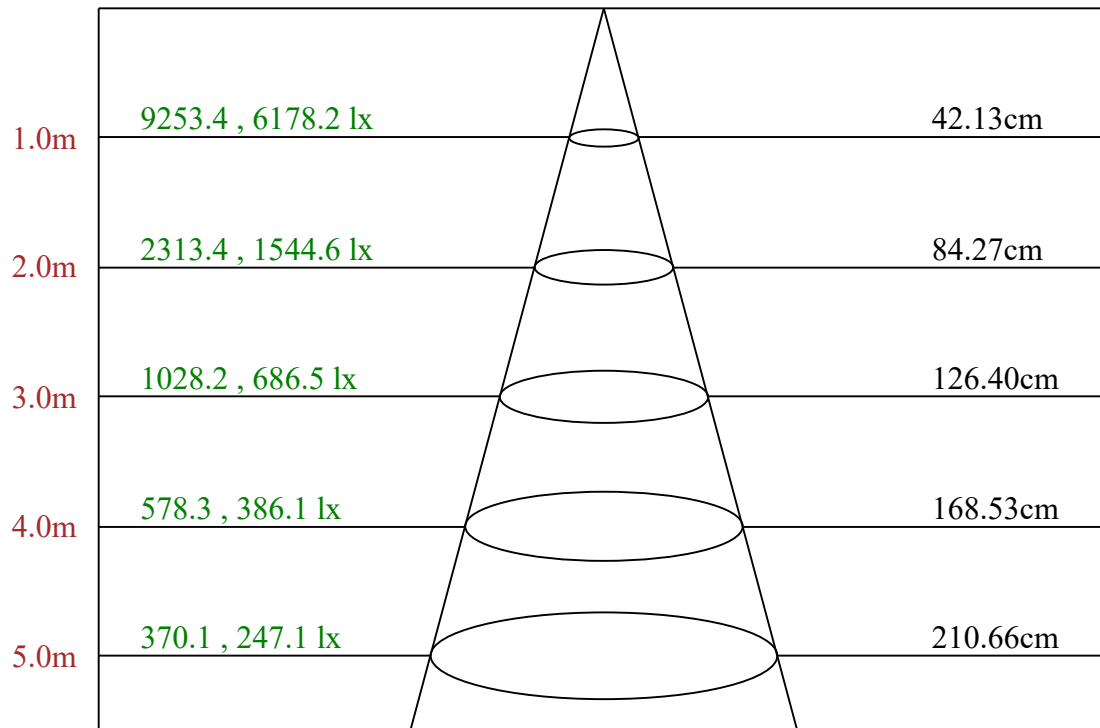
Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.691%





Max , Ave Beam angle of C105 plane 23.79