



Macron Associate
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Modernize Luminary with LED

Macron Associate co.

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MACRON

Client:

LumCAT: FL550-30K-24D-BZ-STD-20251231

Luminaire:

Report No:

Voltage(V): 120.2200

Test No: DustinDai

Current(A): 0.1450

LampCAT:

Power (W): 17.1940

Lamp flux(lm): 1800.0

PF: 0.9840

Number of Lamps: 1

Ballast type:

Length(mm): 70

Width(mm): 70

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 1905.31, Efficiency(%): 100.00% , Luminous Efficacy(lm/W): 110.81

Central intensity(cd): 5719.676, Maximum intensity(cd): 5751.324

Angle of maximum intensity: C=30.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=31.8

[C90/270]Total=31.6

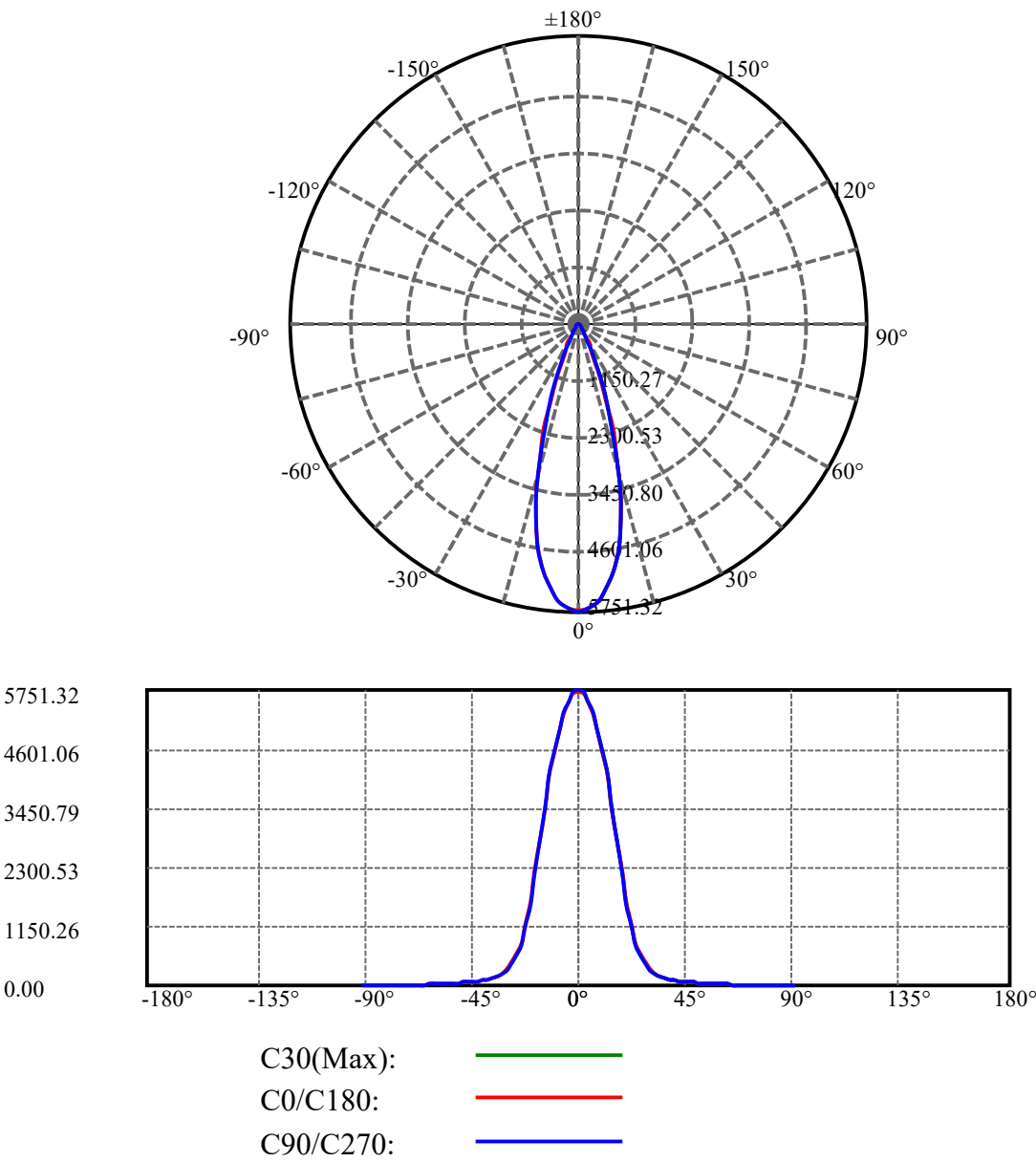
Field angle(10%Imax): [C0/180]Total=52.6

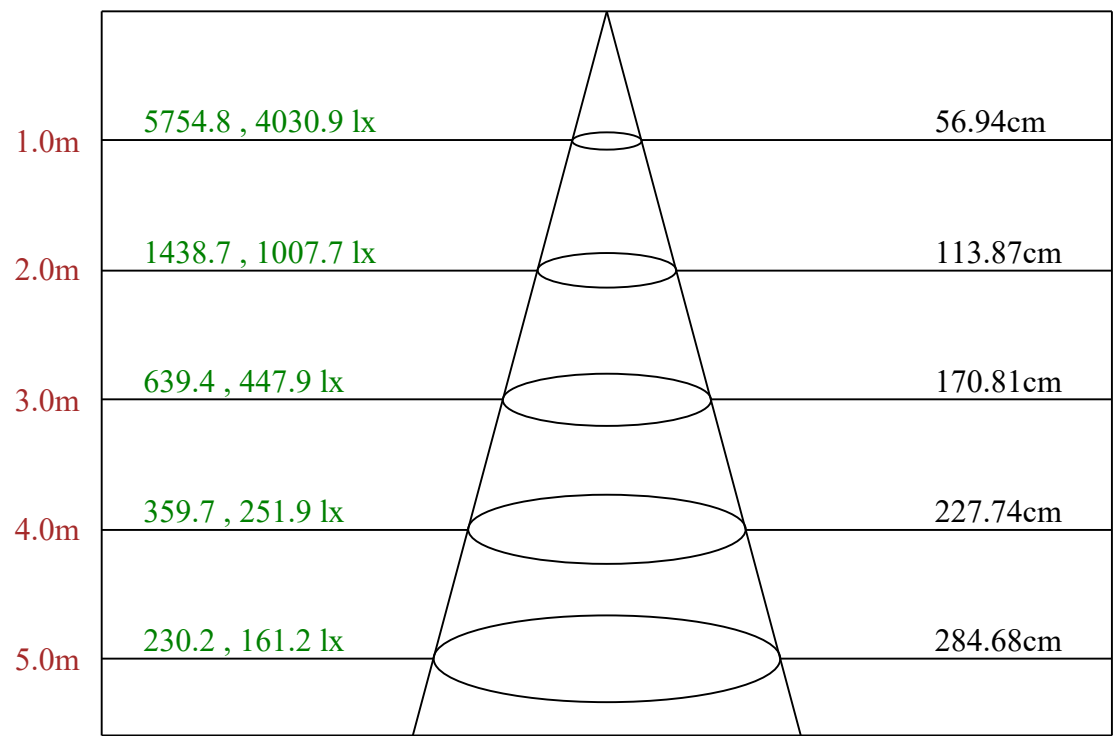
[C90/270]Total=52.0

Equipment: Goniophotometric System
Temperature(°C): 25.0

Date: 2025/12/31
Humidity(%): 62.0%

Operator: Dustin Dai
Distance(m): 5.93





Max , Ave Beam angle of C30 plane 31.78

