



Macron Associate
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Modernize Luminary with LED

Macron Associate co.

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MACRON

Client:

LumCAT: FL550-30K-50D-BZ-STD-20251231

Luminaire:

Report No:

Voltage(V): 120.2200

Test No: DustinDai

Current(A): 0.1450

LampCAT:

Power (W): 17.1930

Lamp flux(lm): 1800.0

PF: 0.9830

Number of Lamps: 1

Ballast type:

Length(mm): 70

Width(mm): 70

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 1781.23, Efficiency(%): 98.96% , Luminous Efficacy(lm/W): 103.60

Central intensity(cd): 2129.059, Maximum intensity(cd): 2130.641

Angle of maximum intensity: C=90.0 γ =6.0

Beam Angle(50%Imax): [C0/180]Total=53.8

[C90/270]Total=54.6

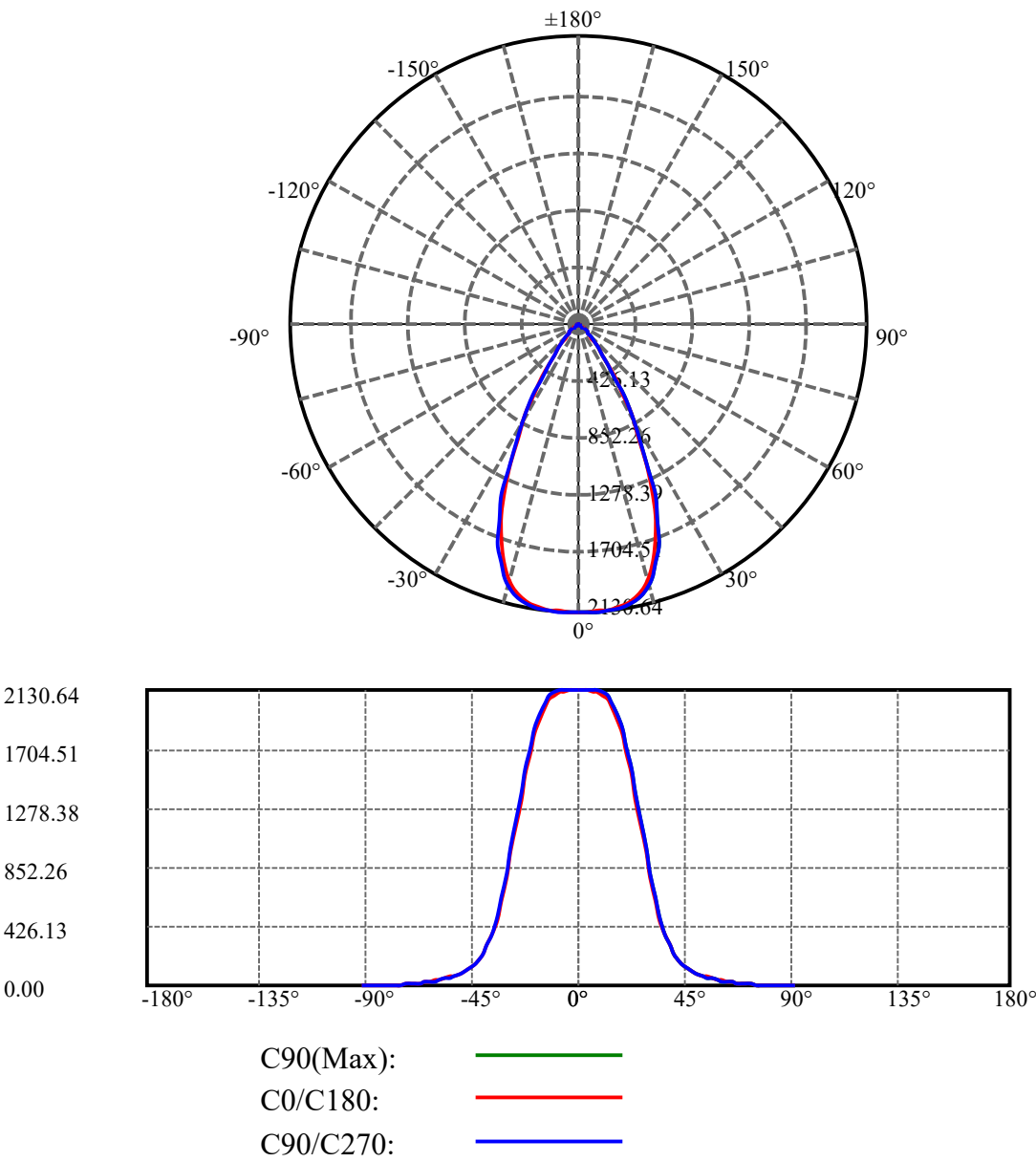
Field angle(10%Imax): [C0/180]Total=81.0

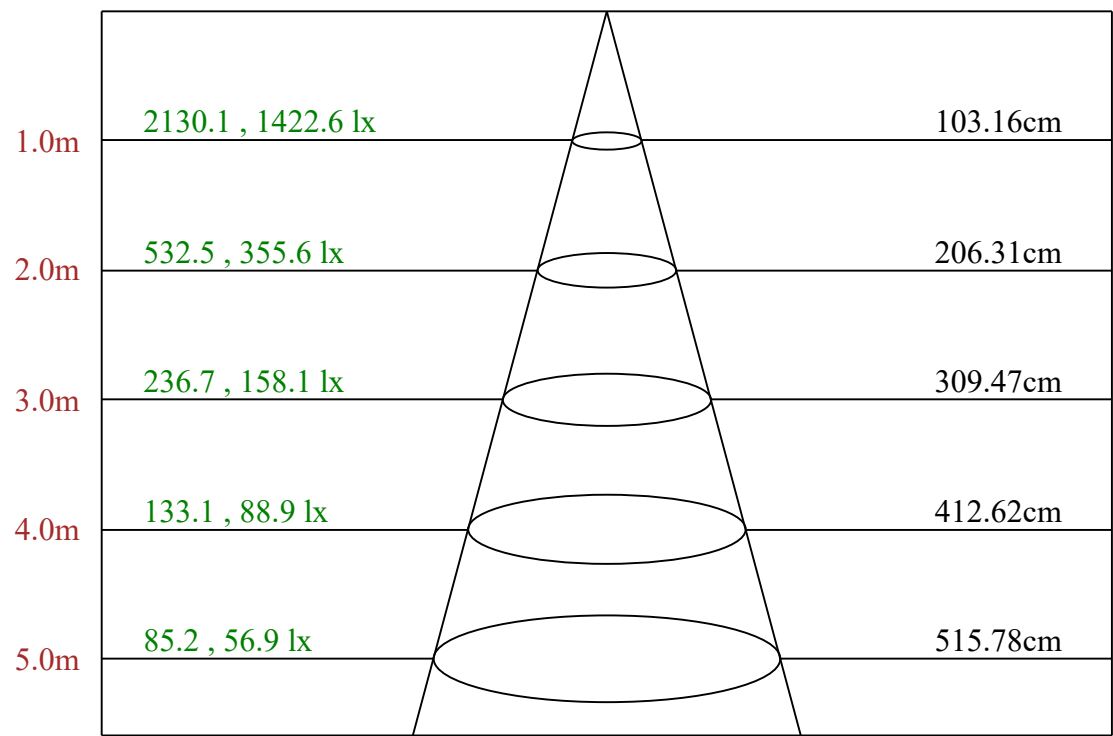
[C90/270]Total=80.8

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 C90 plane 54.57

