



**Macron Associate**  
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Modernize Luminary with LED

Macron Associate co.

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## MACRON

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Client:

LumCAT: FL440-30K-25D-BZ-STD-20260106

Luminaire:

Report No:

Voltage(V): 120.5100

Test No: DustinDai

Current(A): 0.0550

LampCAT:

Power (W): 6.5180

Lamp flux(lm): 800.0

PF: 0.9880

Number of Lamps: 1

Ballast type:

Length(mm): 50

Width(mm): 50

Phm Type: C

Height(mm): 1

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## Photometric Results

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Lumens(lm): 433.02, Efficiency(%): 54.13% , Luminous Efficacy(lm/W): 66.44

Central intensity(cd): 1531.607, Maximum intensity(cd): 1531.607

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=27.2

[C90/270]Total=27.4

Field angle(10%Imax): [C0/180]Total=51.8

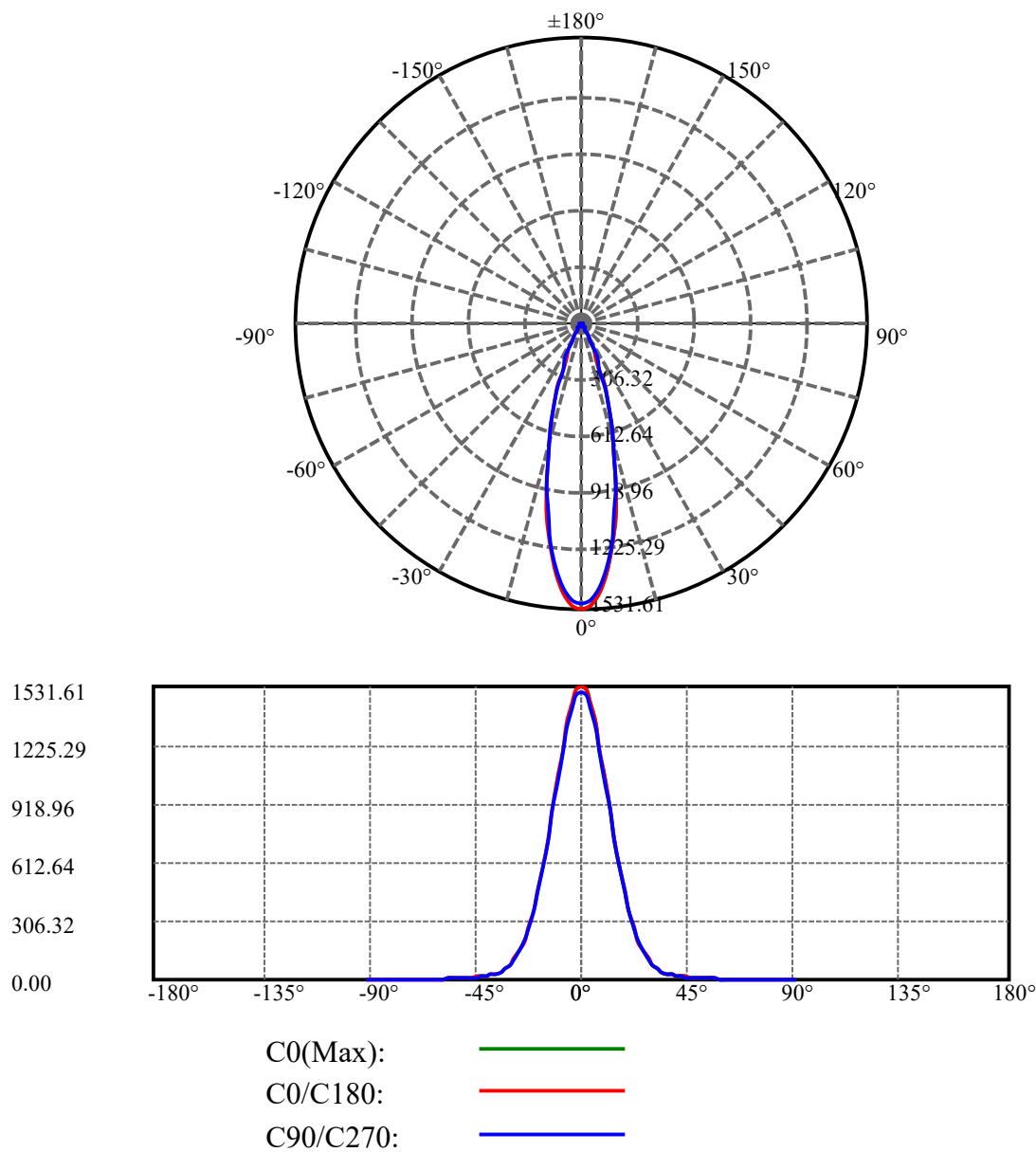
[C90/270]Total=52.0

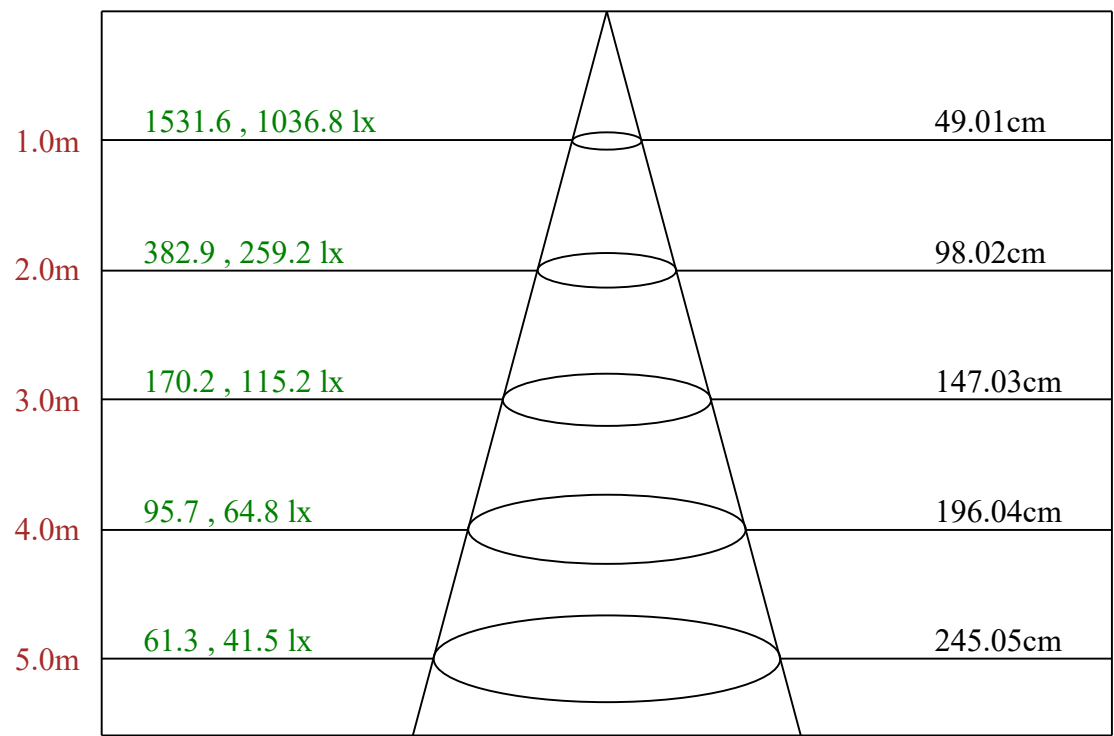
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Equipment: Goniophotometric System  
Temperature(°C): 25.0

Date: 2026/1/6  
Humidity(%): 62.0%

Operator: Dustin Dai  
Distance(m): 5.93





Max , Ave      Beam angle of C0 plane 27.54

