



**Macron Associate**  
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Modernize Luminary with LED

Macron Associate co.

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## MACRON

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Client:

LumCAT: FL550-30K-36D-BZ-STD-20251231

Luminaire:

Report No:

Voltage(V): 120.2200

Test No: DustinDai

Current(A): 0.1450

LampCAT:

Power (W): 17.1770

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

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## Photometric Results

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Lumens(lm): 1744.07, Efficiency(%): 96.89% , Luminous Efficacy(lm/W): 101.54

Central intensity(cd): 3062.335, Maximum intensity(cd): 3069.368

Angle of maximum intensity: C=90.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=43.0

[C90/270]Total=42.8

Field angle(10%Imax): [C0/180]Total=69.4

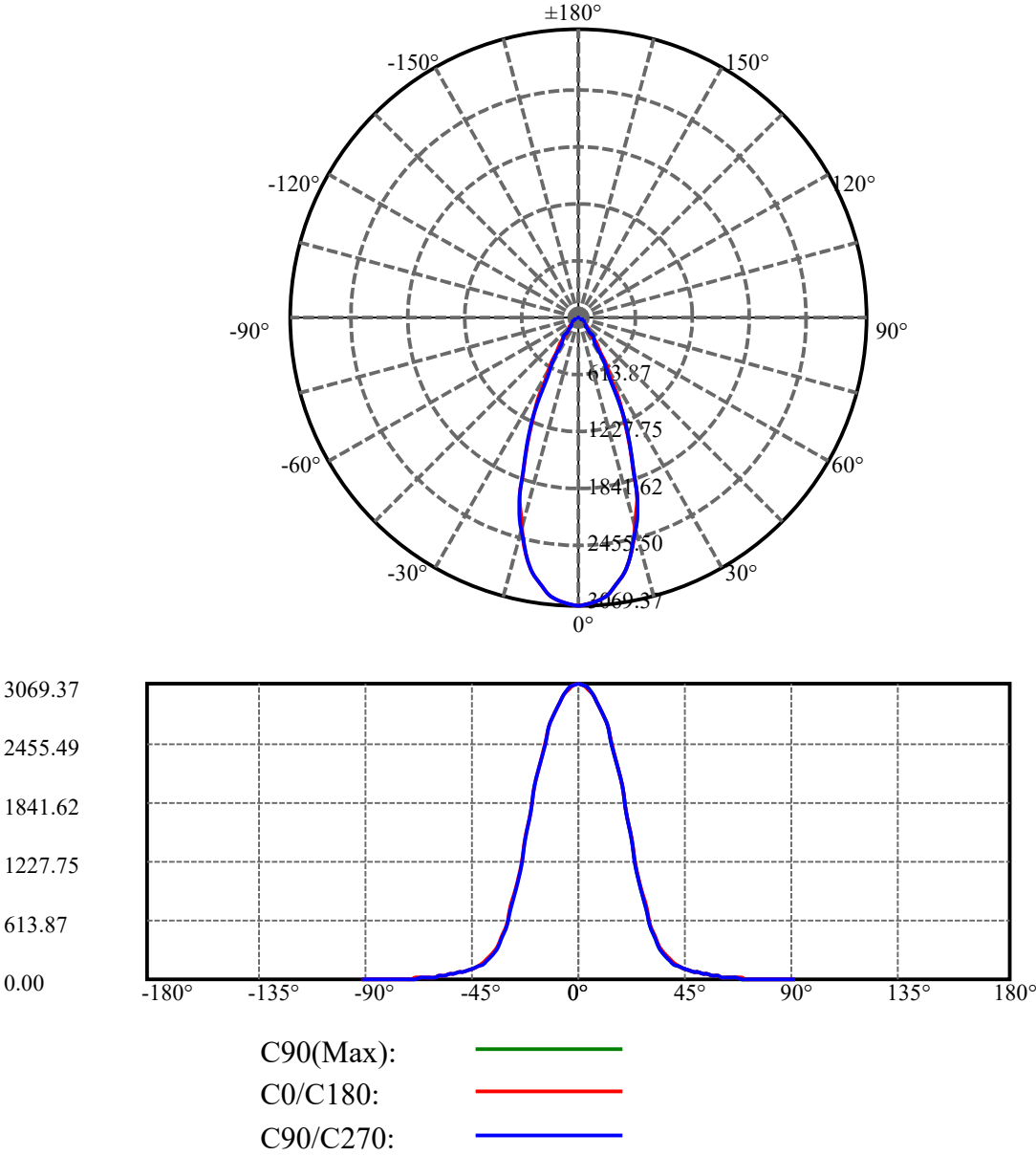
[C90/270]Total=68.8

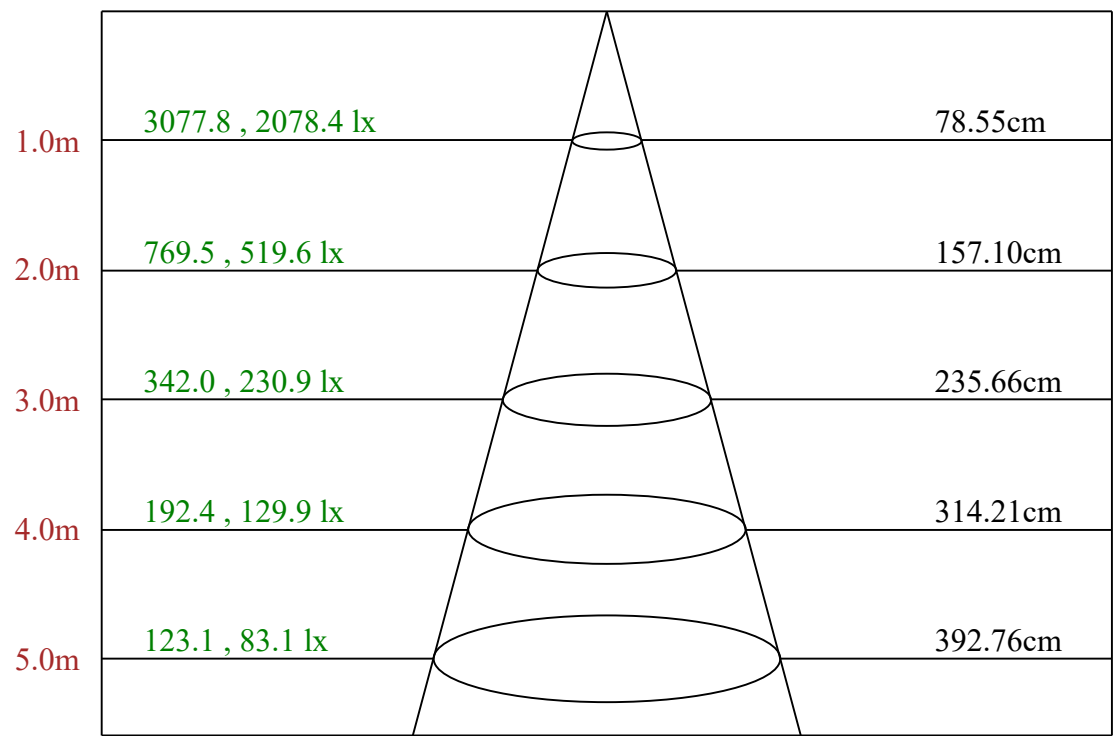
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Equipment: Goniophotometric System  
Temperature(°C): 25.0

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

Operator: Dustin Dai  
Distance(m): 5.93





Max , Ave      Beam angle of C90 plane 42.89

