



Macron Associate
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Modernize Luminary with LED

Macron Associate co.

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MACRON

Client:

LumCAT: FL440-30K-38D-BZ-STD-20260106

Luminaire:

Report No:

Voltage(V): 120.5000

Test No: DustinDai

Current(A): 0.0550

LampCAT:

Power (W): 6.5550

Lamp flux(lm): 800.0

PF: 0.9890

Number of Lamps: 1

Ballast type:

Length(mm): 50

Width(mm): 50

Phm Type: C

Height(mm): 1

Photometric Results

Lumens(lm): 343.07, Efficiency(%): 42.88% , Luminous Efficacy(lm/W): 52.34

Central intensity(cd): 872.969, Maximum intensity(cd): 890.903

Angle of maximum intensity: C=30.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=32.4

[C90/270]Total=32.2

Field angle(10%Imax): [C0/180]Total=60.0

[C90/270]Total=59.6

Equipment: Goniophotometric System
Temperature(°C): 25.0

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

Operator: Dustin Dai
Distance(m): 5.93





