



NATA LIGHTING CO.,LTD.
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Nata

Client: NT

LumCAT: 69-0046

Luminaire:

Report No: 20260810-B005

Ballast type: DC

Test No: 20260810-C005

Voltage(V): 35.260

LampCAT: Bridgelux 2835-1w

Current(A): 0.207

Lamp flux(lm): 1026.0

Power (W): 7.298

Number of Lamps: 1

PF: 0.000

Length(mm): 236

Width(mm): 17

Phm Type: C

Height(mm): 10

Photometric Results

Lumens(lm): 878.56, Efficiency(%): 85.63% , Luminous Efficacy(lm/W): 120.38

Central intensity(cd): 894.306, Maximum intensity(cd): 932.479

Angle of maximum intensity: C=0.0 γ =15.0

Beam Angle(50%Imax): [C0/180]Total=62.3

[C90/270]Total=61.9

Field angle(10%Imax): [C0/180]Total=78.7

[C90/270]Total=79.0

Maximum s/h(1/2): C0_180=1.01 C90_270=1.01

Maximum s/h(1/4): C0_180=0.87 C90_270=0.88

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.40%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.067%



