
K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

LumCAT: KL-22812 3000K

Luminaire: Recessed Underwater

Report No:

Ballast type:

Test No: 10035

Voltage(V): 24.000

LampCAT:

Current(A): 0.477

Lamp flux(lm): -1.0

Power (W): 11.400

Number of Lamps: 0

PF: 1.000

Dimension : Ø135 x 77

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 940.87, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 82.53

Central intensity(cd): 5194.717, Maximum intensity(cd): 5194.717

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=22.0

[C90/270]Total=20.6

Field angle(10%Imax): [C0/180]Total=39.5

[C90/270]Total=38.8

Maximum s/h(1/2): C0_180=0.38 C90_270=0.30

Maximum s/h(1/4): C0_180=0.37 C90_270=0.33

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 0.00%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.386%





