

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

LumCAT: KL - 4105 3000K

Luminaire: Recessed Underwater

Report No:

Voltage(V): 24.0000

Test No:I0025

Current(A): 0.3550

LampCAT:

Power (W): 8.5000

Lamp flux(lm): -1.0

PF: 1.0000

Number of Lamps: 0

Ballast type: Driver

Dimension: Ø135 x 74mm

Phm Type: C

Photometric Results

Lumens(lm): 415.71

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 48.91

Central intensity(cd): 1053.332

Maximum intensity(cd): 1074.020

Angle of maximum intensity: C=45.0 γ =5.0

Beam Angle(50%Imax): [V]Left=15.6 Right=14.3

[H]Left=13.4 Right=16.5

Field angle(10%Imax): [V]Left=32.4 Right=30.9

[H]Left=30.2 Right=33.2

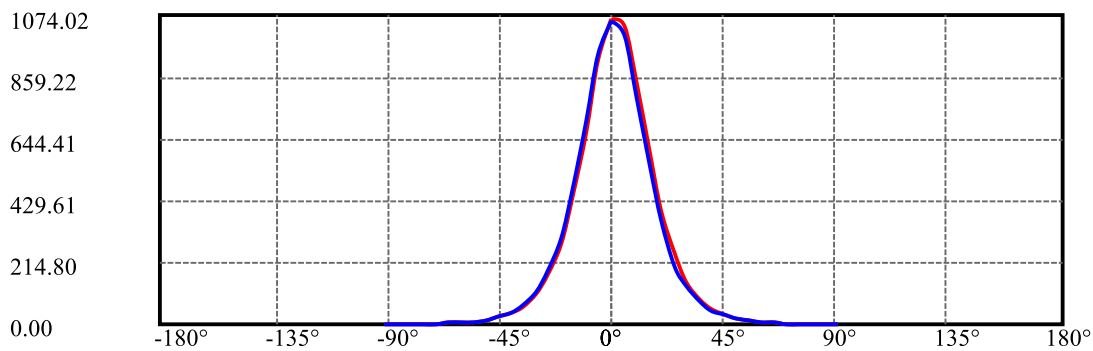
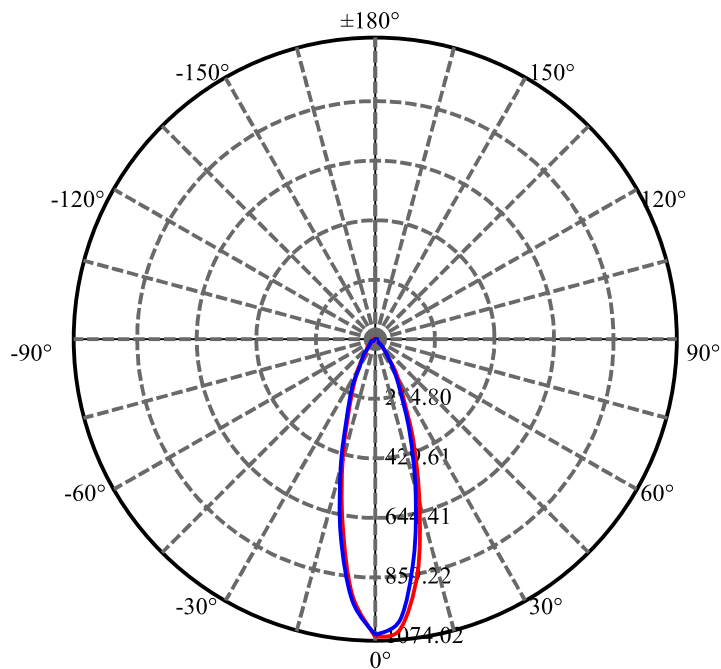
Effective flux(lm): 338.91

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

KL - 4105 3000K

Light Distribution Curve [Unit:cd]

Page: 2 Total:4



V=0 ———

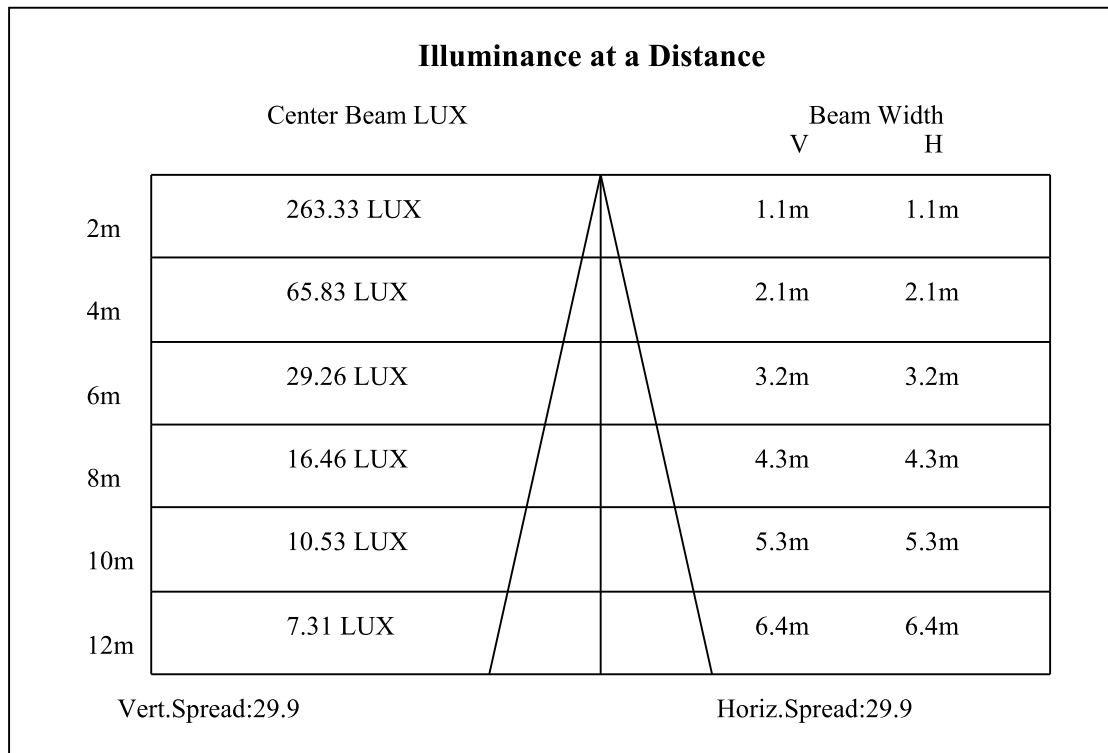
H=0 ———

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

KL - 4105 3000K

Lux distance Curve

Page: 3 Total:4

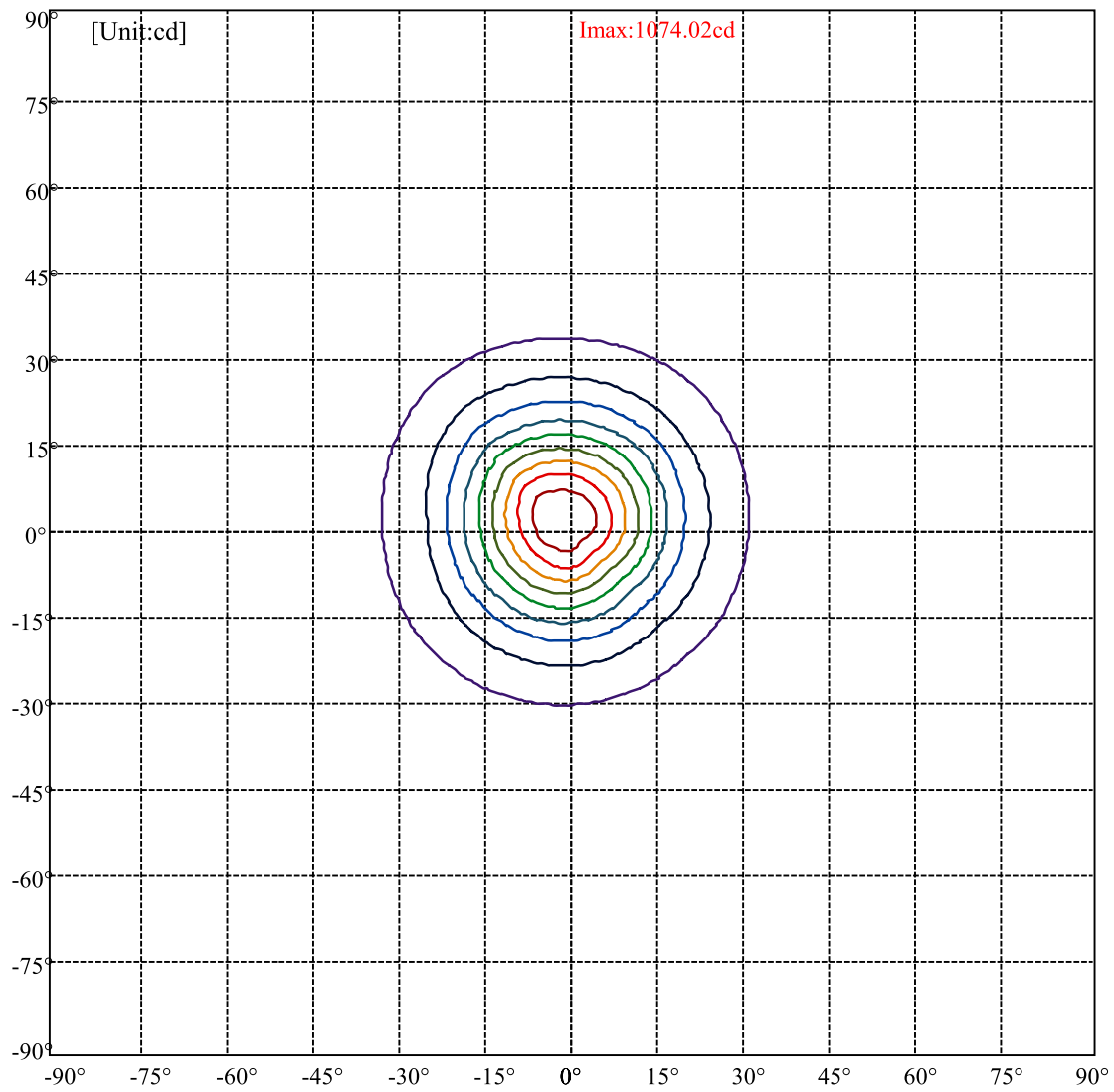


K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

KL - 4105 3000K

ISO-Intensity(V-H)

Page: 4 Total:4



(10%Imax) 106.948	—
(20%Imax) 213.896	—
(30%Imax) 320.843	—
(40%Imax) 427.791	—
(50%Imax) 534.739	—
(60%Imax) 641.687	—
(70%Imax) 748.634	—
(80%Imax) 855.582	—
(90%Imax) 962.53	—

Equipment:
Temperature(°C): 25.3°

Date: 2019/12/12
Humidity(%): 65.0%

Operator: K-Lite
Distance(m): 10.12