

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

LumCAT: KL - 6700 3000K

Luminaire: Recessed Underwater

Report No:

Voltage(V): 24.0000

Test No:I0020

Current(A): 0.6730

LampCAT:

Power (W): 16.1000

Lamp flux(lm): -1.0

PF: 1.0000

Number of Lamps: 0

Ballast type: Driver

Dimension: Ø68 x 76mm

Phm Type: C

Photometric Results

Lumens(lm): 656.50

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 40.78

Central intensity(cd): 1701.922

Maximum intensity(cd): 1761.937

Angle of maximum intensity: C=315.0 γ =0.0

Beam Angle(50%Imax): [V]Left=15.8 Right=14.0

[H]Left=14.8 Right=14.5

Field angle(10%Imax): [V]Left=32.4 Right=29.9

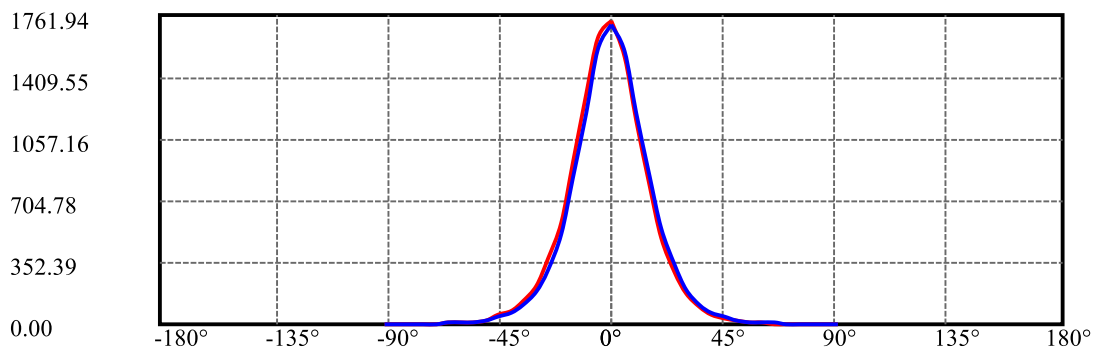
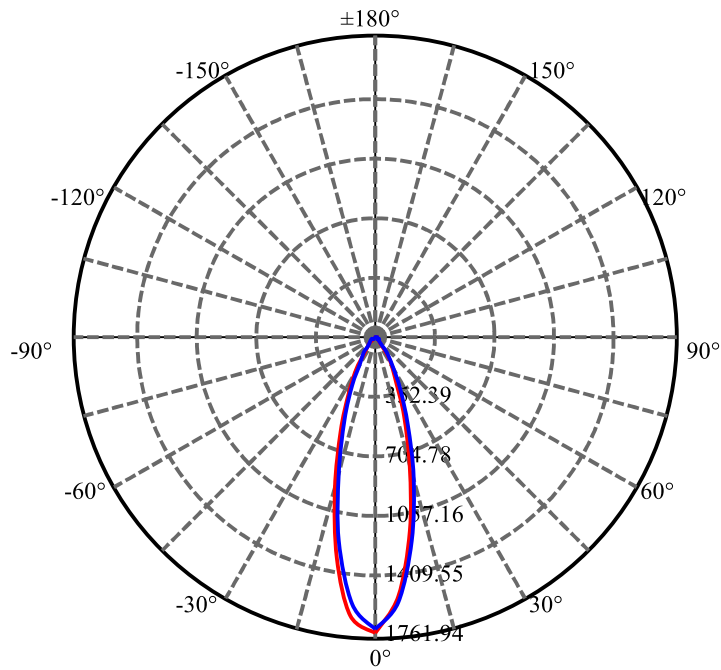
[H]Left=31.4 Right=30.8

Effective flux(lm): 537.06

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Light Distribution Curve [Unit:cd]

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V=0 ———

H=0 ———

Equipment:
 Temperature(°C): 25.3°

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

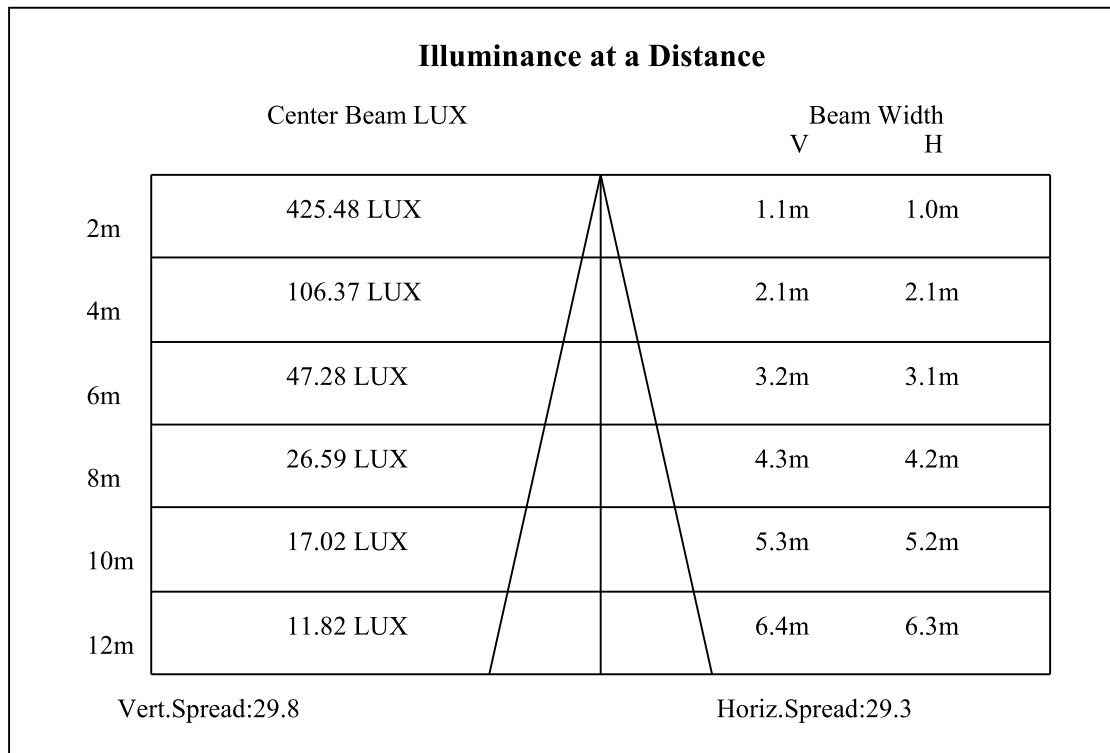
Operator: K-Lite
 Distance(m): 10.12

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Lux distance Curve

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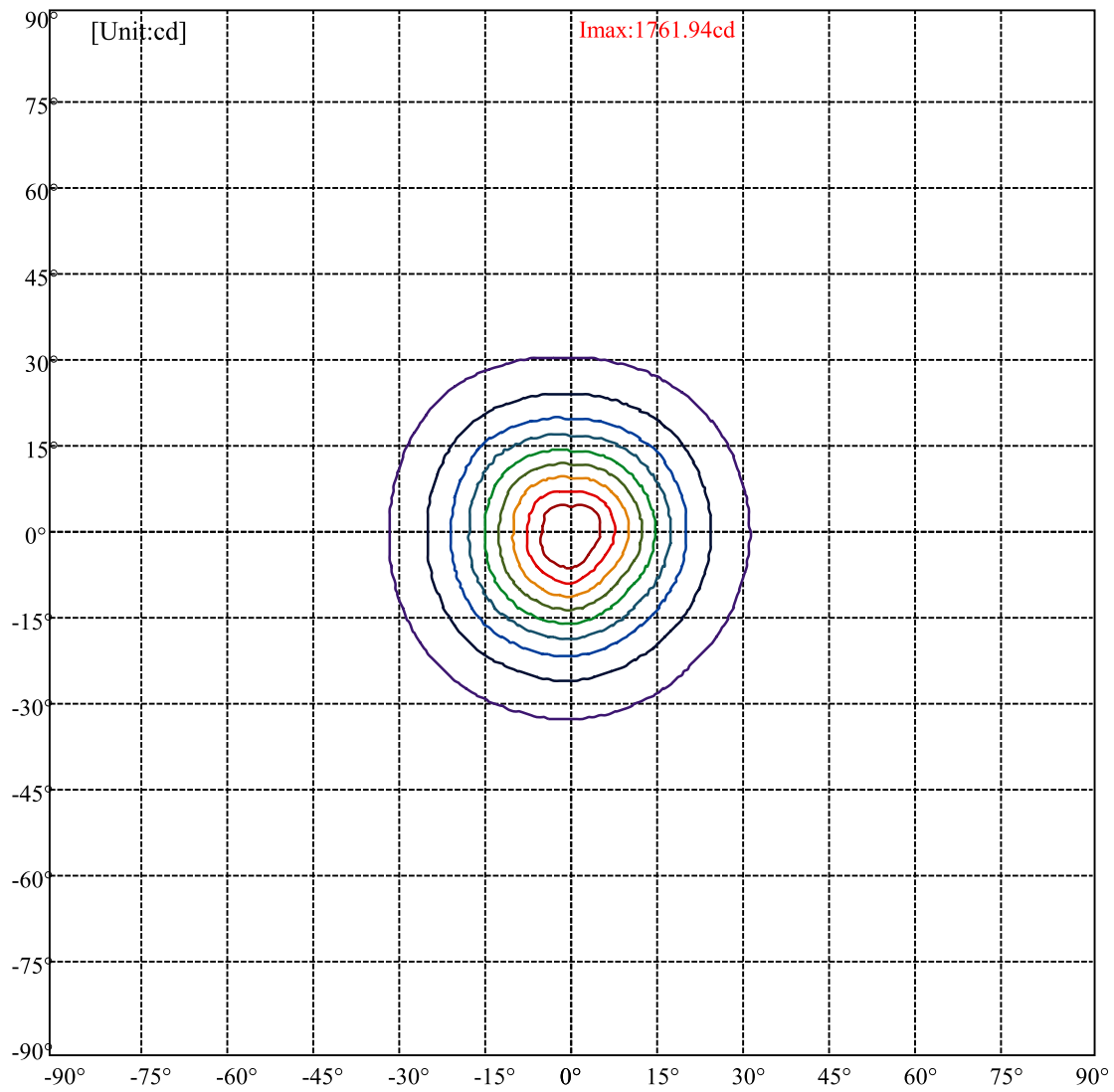


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ISO-Intensity(V-H)

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(10%Imax) 172.783	—
(20%Imax) 345.567	—
(30%Imax) 518.35	—
(40%Imax) 691.133	—
(50%Imax) 863.917	—
(60%Imax) 1036.7	—
(70%Imax) 1209.48	—
(80%Imax) 1382.27	—
(90%Imax) 1555.05	—

Equipment:
Temperature(°C): 25.3°

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

Operator: K-Lite
Distance(m): 10.12