

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

LumCAT: KL - 4109 3000K

Luminaire: Recessed Underwater

Report No:

Test No:I0013

LampCAT:

Lamp flux(lm): -1.0

Number of Lamps: 0

Dimension: Ø205 x 76mm

Phm Type: C

Voltage(V): 24.0000

Current(A): 1.1570

Power (W): 27.8000

PF: 1.0000

Ballast type: Driver

Photometric Results

Lumens(lm): 1156.12

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 41.59

Central intensity(cd): 2801.034

Maximum intensity(cd): 2892.183

Angle of maximum intensity: C=315.0 γ =0.0

Beam Angle(50%Imax): [V]Left=16.3 Right=13.9

[H]Left=15.4 Right=14.3

Field angle(10%Imax): [V]Left=33.3 Right=31.7

[H]Left=32.7 Right=31.5

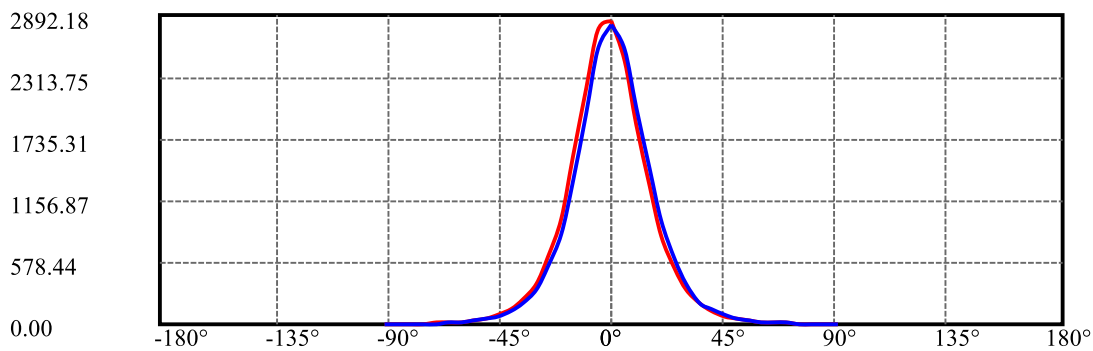
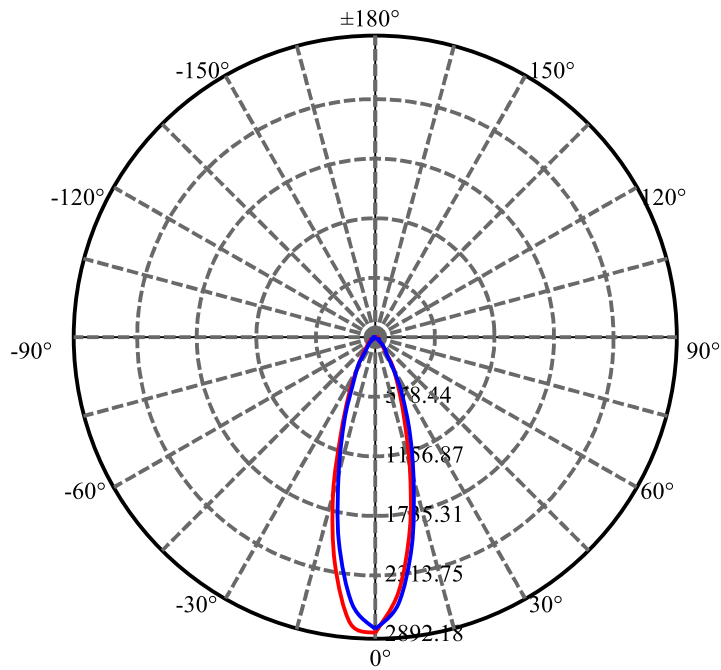
Effective flux(lm): 927.54

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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%

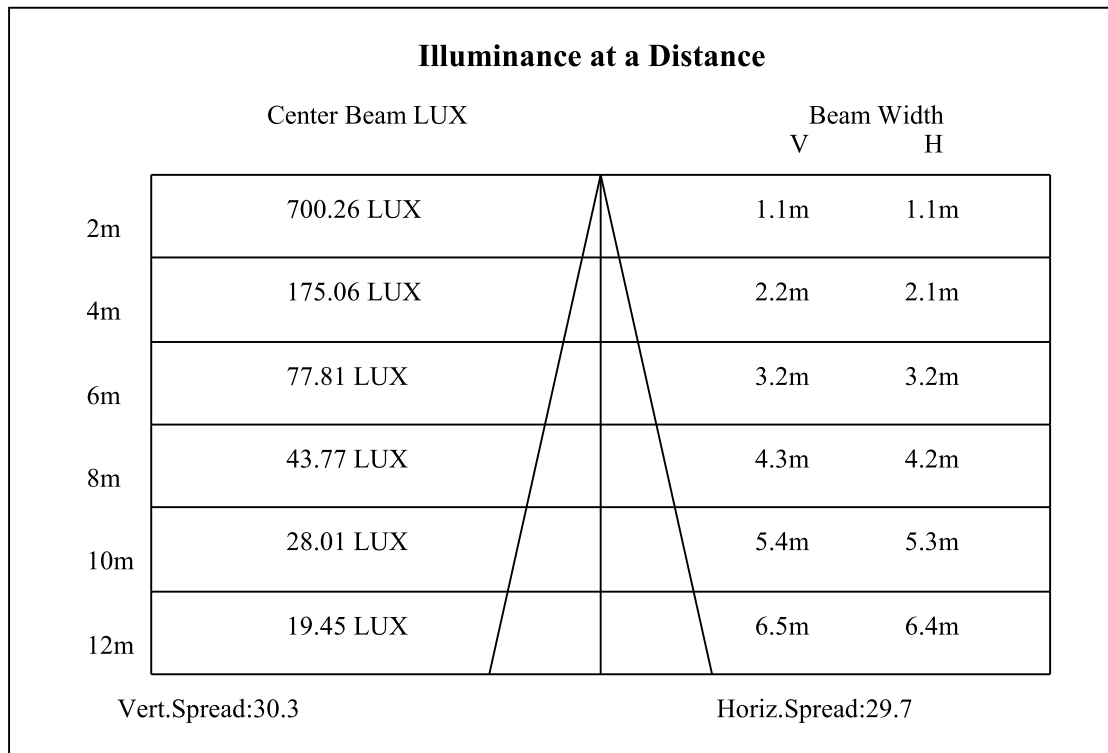
Operator: K-Lite
Distance(m): 10.12

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Lux distance Curve

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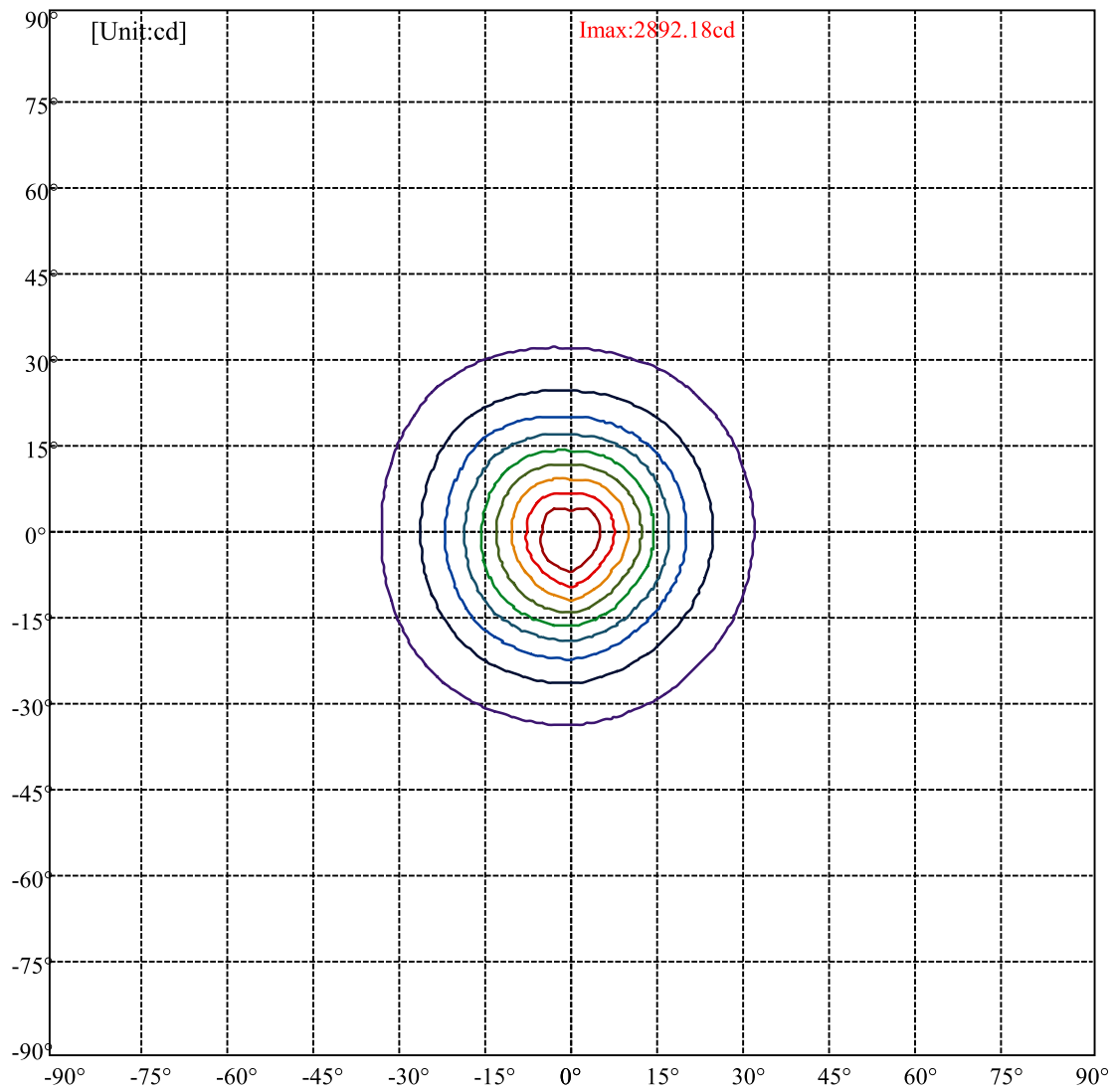


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ISO-Intensity(V-H)

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(10%Imax) 284.554	—
(20%Imax) 569.107	—
(30%Imax) 853.661	—
(40%Imax) 1138.21	—
(50%Imax) 1422.77	—
(60%Imax) 1707.32	—
(70%Imax) 1991.88	—
(80%Imax) 2276.43	—
(90%Imax) 2560.98	—

Equipment:
Temperature(°C): 25.3°

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

Operator: K-Lite
Distance(m): 10.12