

K-LITE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

LumCAT: KL - 6707 RGB

Luminaire: Recessed Underwater

Report No:

Test No:I0034

LampCAT:

Lamp flux(lm): -1.0

Number of Lamps: 0

Dimension: Ø180 x 78mm

Phm Type: C

Voltage(V): 24.1000

Current(A): 0.9110

Power (W): 21.9000

PF: 1.0000

Ballast type: Driver

Photometric Results

Lumens(lm): 547.45

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 25.00

Central intensity(cd): 1230.509

Maximum intensity(cd): 1414.240

Angle of maximum intensity: C=315.0 γ =5.0

Beam Angle(50%Imax): [V]Left=13.7 Right=14.2

[H]Left=14.6 Right=12.9

Field angle(10%Imax): [V]Left=30.8 Right=30.7

[H]Left=31.2 Right=29.6

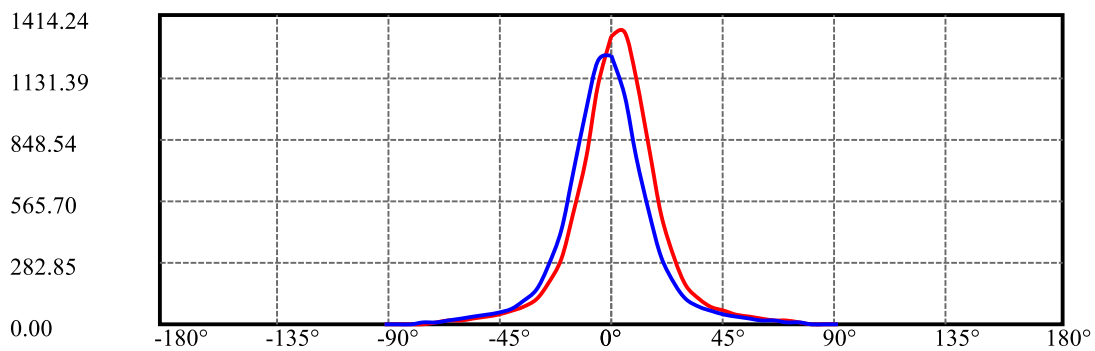
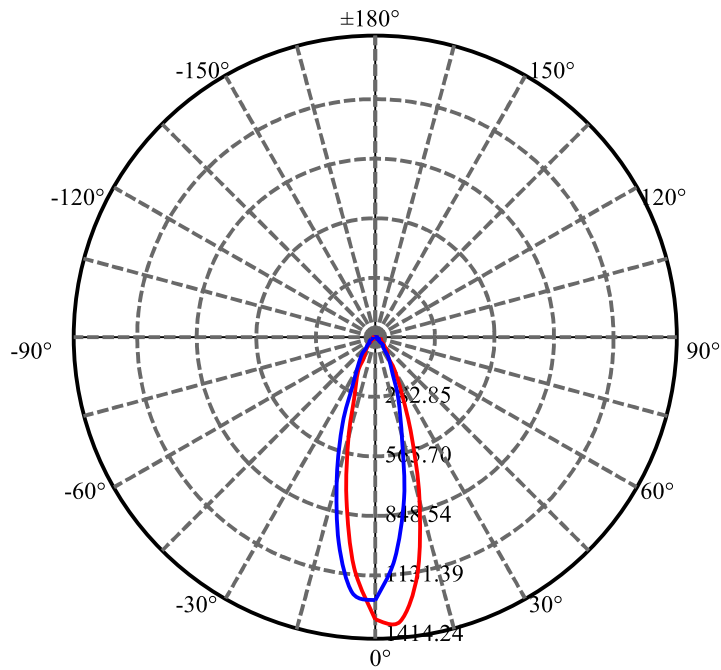
Effective flux(lm): 396.98

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Light Distribution Curve [Unit:cd]

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V=0 ———

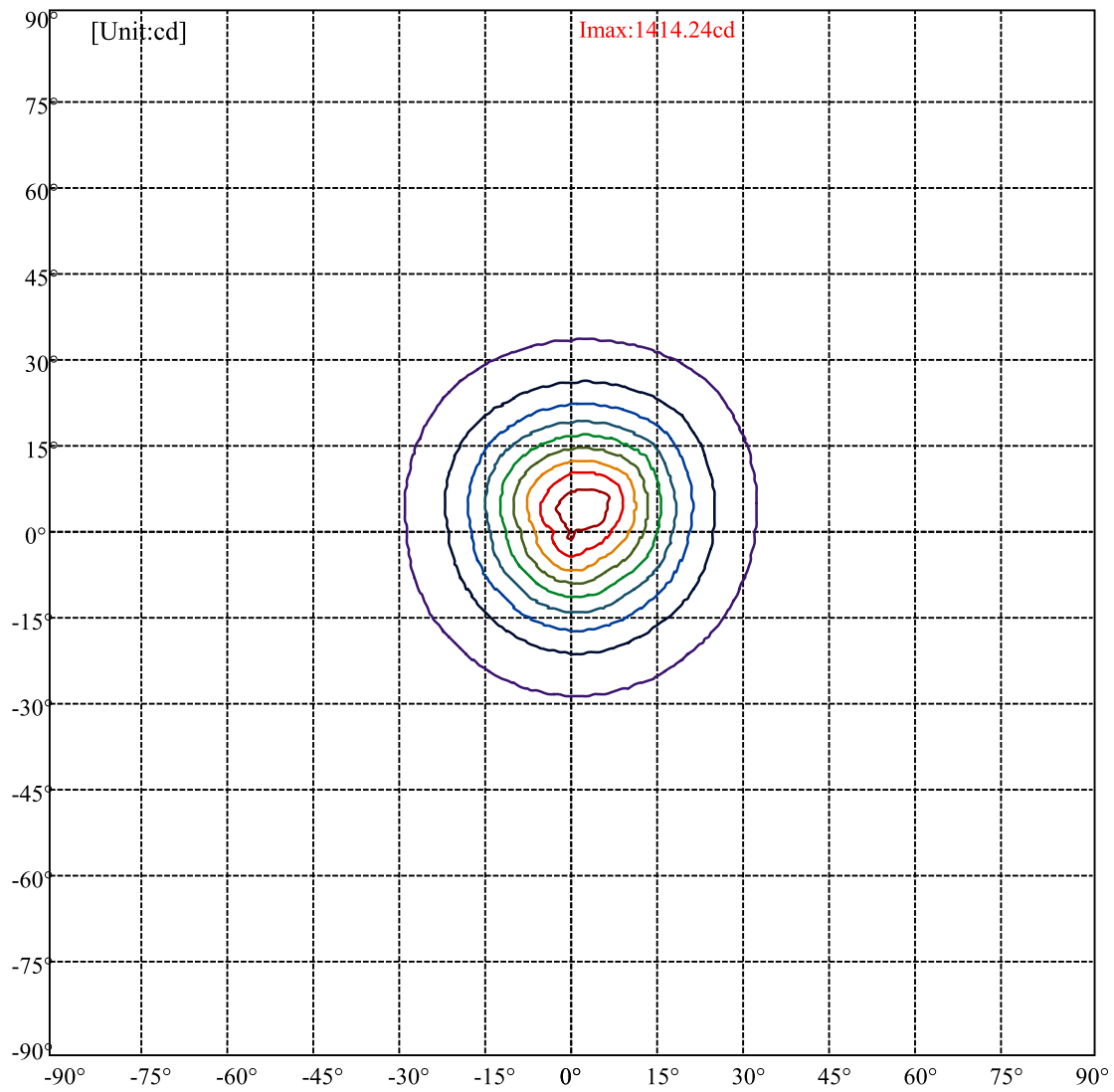
H=0 ———

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ISO-Intensity(V-H)

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(10%Imax) 140.208	—
(20%Imax) 280.415	—
(30%Imax) 420.623	—
(40%Imax) 560.83	—
(50%Imax) 701.038	—
(60%Imax) 841.246	—
(70%Imax) 981.453	—
(80%Imax) 1121.66	—
(90%Imax) 1261.87	—

Equipment:
Temperature(°C): 25.3°

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

Operator: K-Lite
Distance(m): 10.12