

Naswietlacz LED line®

LumCAT: 247712

Luminaire: Floodlight

Report No: WJH-GM-06

Test No: 09

LampCAT: 70W

Lamp flux(lm): 6726.8

Number of Lamps: 1

Length(mm): 285

Phm Type: C

Photometric Results

Voltage(V): 230.2000

Current(A): 0.3080

Power (W): 69.2000

PF: 0.9760

Ballast type:

Width(mm): 250

Height(mm): 85

Lumens(lm): 6726.91

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 97.21

Central intensity(cd): 2926.080

Maximum intensity(cd): 2974.241

Angle of maximum intensity: C=60.0 γ =15.0

Beam Angle(50% I_{max}): [C0/180]Total=103.6

[C90/270]Total=102.6

Field angle(10% I_{max}): [C0/180]Total=122.9

[C90/270]Total=122.7

Maximum s/h(1/2): C0_180=1.24 C90_270=1.28

Maximum s/h(1/4): C0_180=1.77 C90_270=1.33

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 100.00%

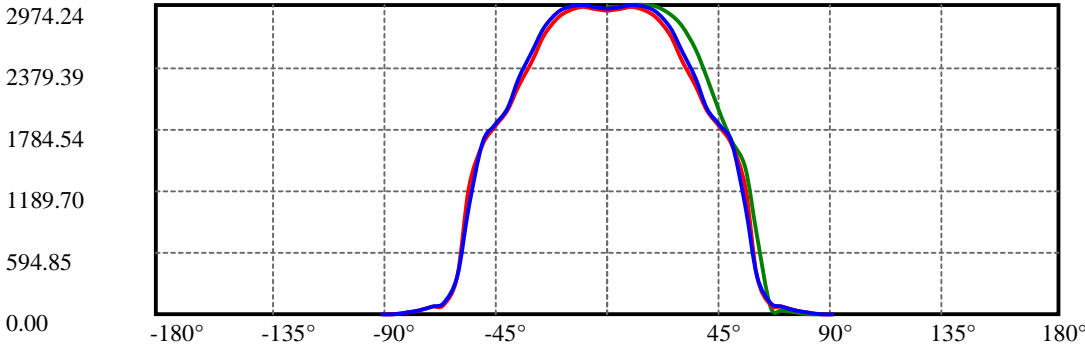
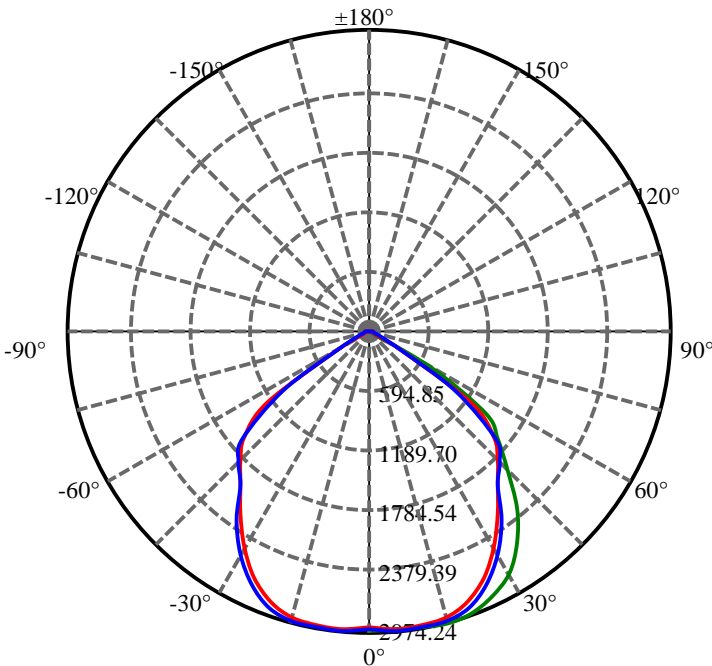
Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 96.436%

Light Distribution Curve [Unit:cd]

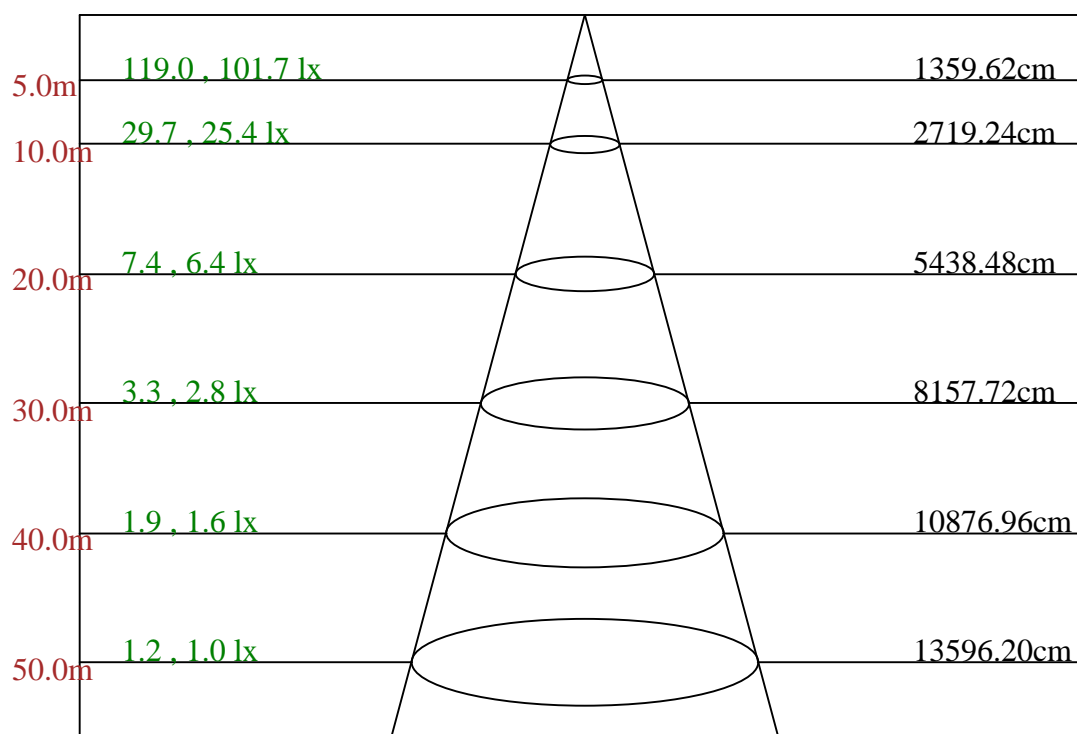


C60(Max): ———
 C0/C180: ———
 C90/C270: ———

Field angle(10% I_{max}):C0/180Left:71.5 Right:51.5
 :C90/270Left:71.3 Right:51.3

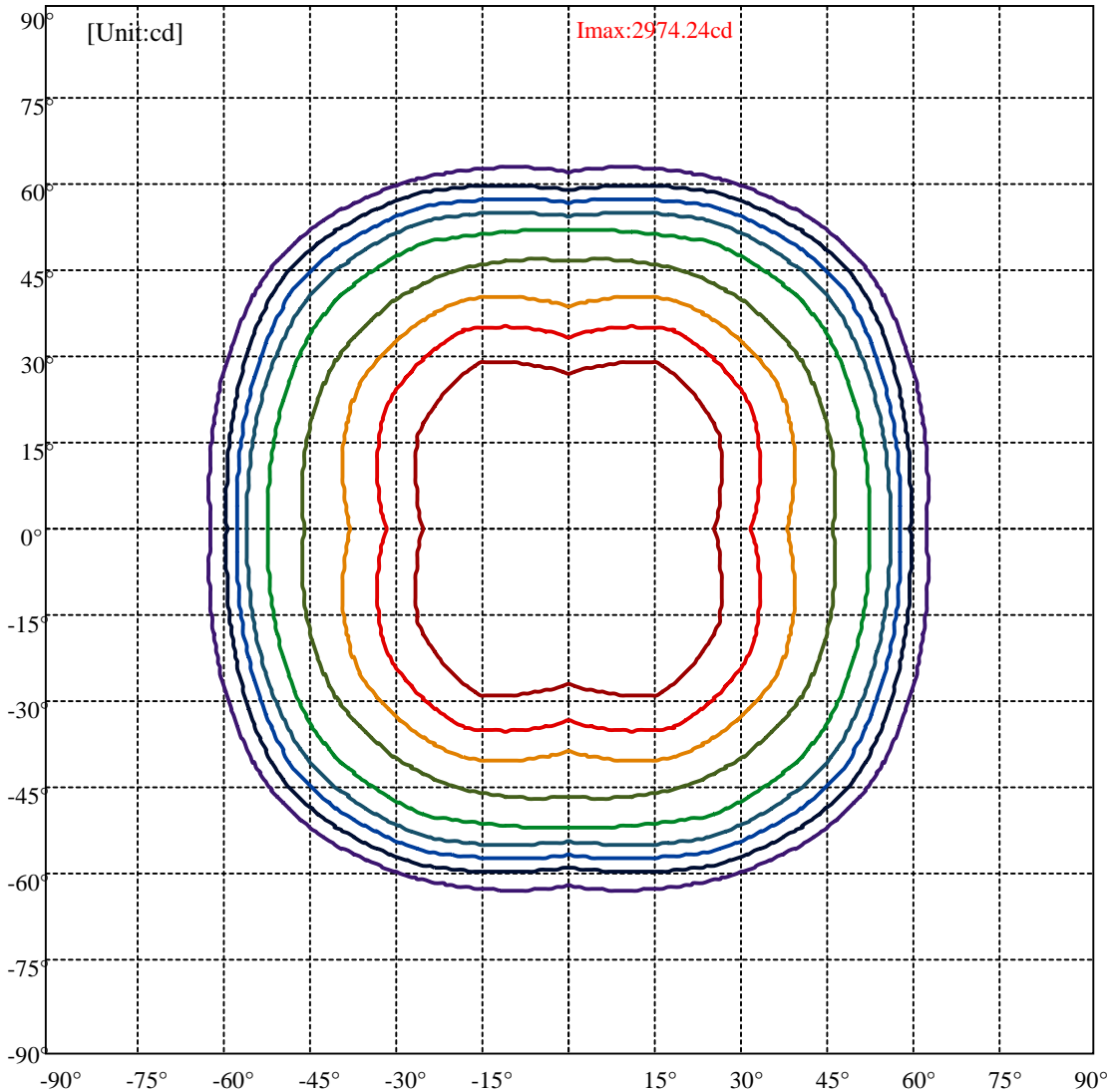
Beam Angle(50% I_{max}):C0/180Left:61.8 Right:41.8
 :C90/270Left:61.3 Right:41.3

Lux distance Curve



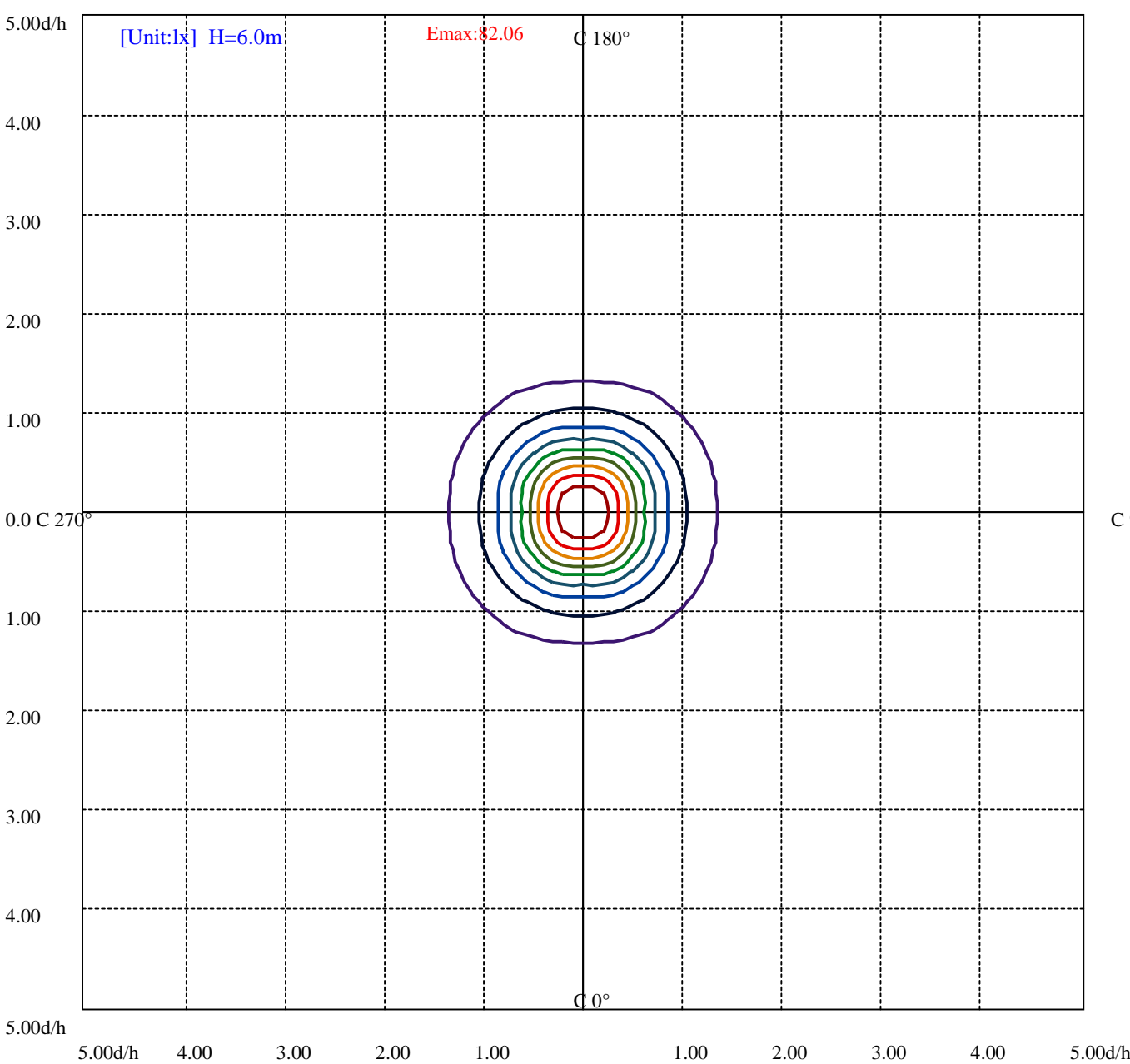
Max , Ave Beam angle of C60plane107.33

ISO-Intensity(V-H)



- (10% Imax) 297.33
- (20% Imax) 594.661
- (30% Imax) 891.991
- (40% Imax) 1189.32
- (50% Imax) 1486.65
- (60% Imax) 1783.98
- (70% Imax) 2081.31
- (80% Imax) 2378.64
- (90% Imax) 2675.97

ISO illuminance diagram



(10% Emax) 8.205889	—
(20% Emax) 16.41181	—
(30% Emax) 24.61769	—
(40% Emax) 32.82361	—
(50% Emax) 41.02945	—
(60% Emax) 49.23528	—
(70% Emax) 57.44139	—
(80% Emax) 65.64722	—
(90% Emax) 73.85306	—