

Naswietlacz LED line®

LumCAT: 247729

Luminaire: Floodlight

Report No: WJH-GM-06

Test No: 09

LampCAT: 100W

Lamp flux(lm): 9392.5

Number of Lamps: 1

Length(mm): 360

PhmType: C

PhotometricResults

Voltage(V): 230.2000

Current(A): 0.4190

Power (W): 95.0000

PF: 0.9850

Ballasttype:

Width(mm): 290

Height(mm): 85

Lumens(lm): 9392.61

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 98.87

Central intensity(cd): 3506.326

Maximum intensity(cd): 3601.099

Angle of maximum intensity: C=90.0 γ =20.0

BeamAngle(50% I_{max}): [C0/180]Total=112.4

[C90/270]Total=107.2

Field angle(10% I_{max}): [C0/180]Total=134.0

[C90/270]Total=123.2

Maximum s/h(1/2): C0_180=1.42 C90_270=1.40

Maximum s/h(1/4): C0_180=2.02 C90_270=1.43

Upfluxrate of lamp(%): 0.00%

Down fluxrate of lamp(%): 100.00%

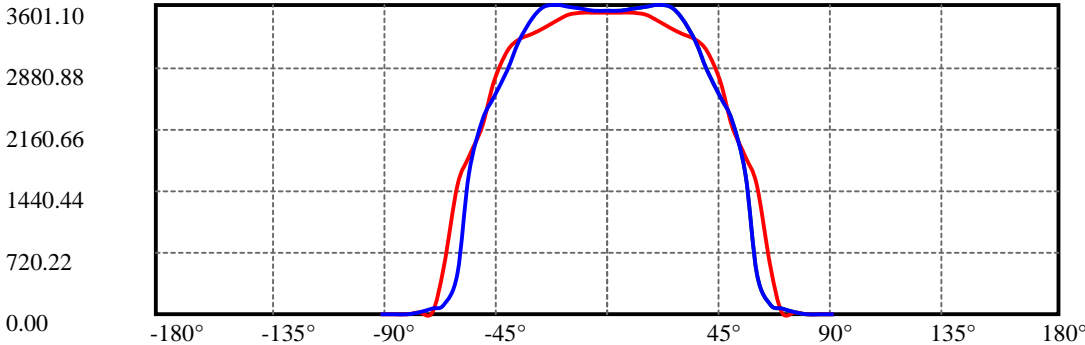
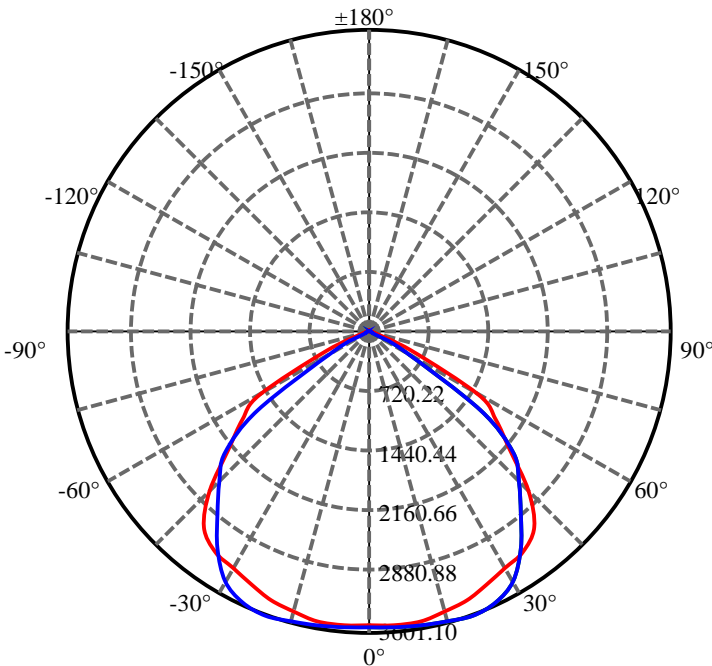
Upfluxrate of LUM(%): - -

Down fluxrate of LUM(%): 100.00%

CIE Type : Direct lighting

Outputflux ratio in π solid angle : 93.449%

Light Distribution Curve [Unit:cd]

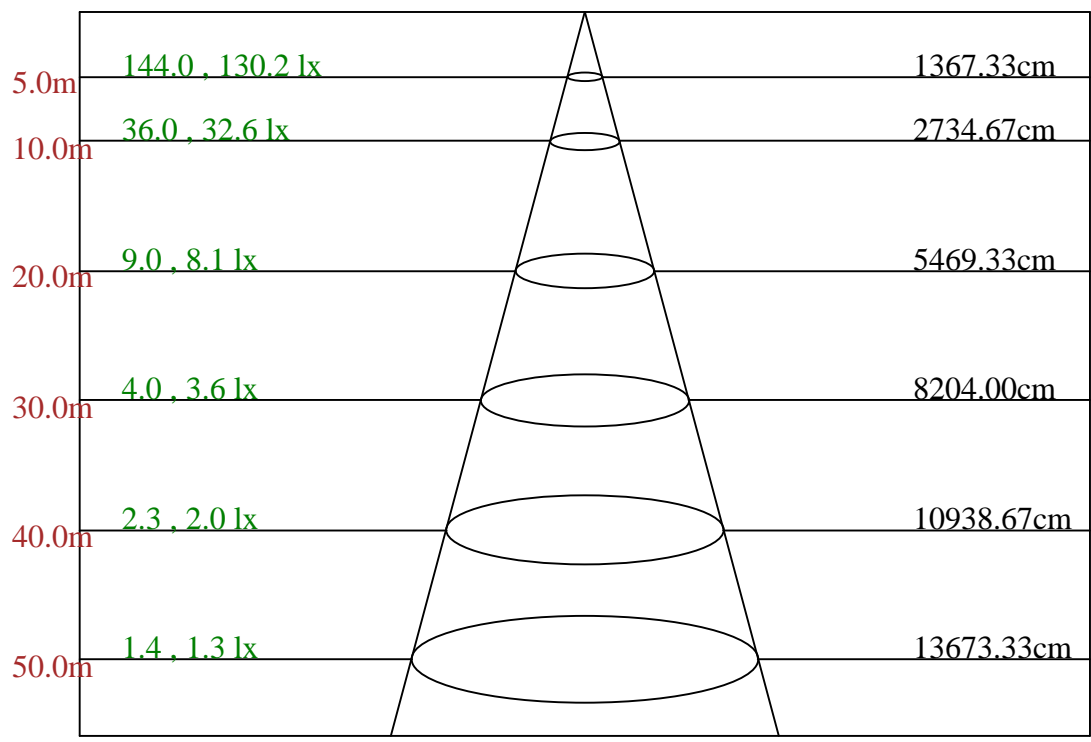


C90(Max): ———
 C0/C180: ———
 C90/C270: ———

Field angle(10% I_{max}):C0/180Left:72.0 Right:62.0
 :C90/270Left:81.6 Right:41.6

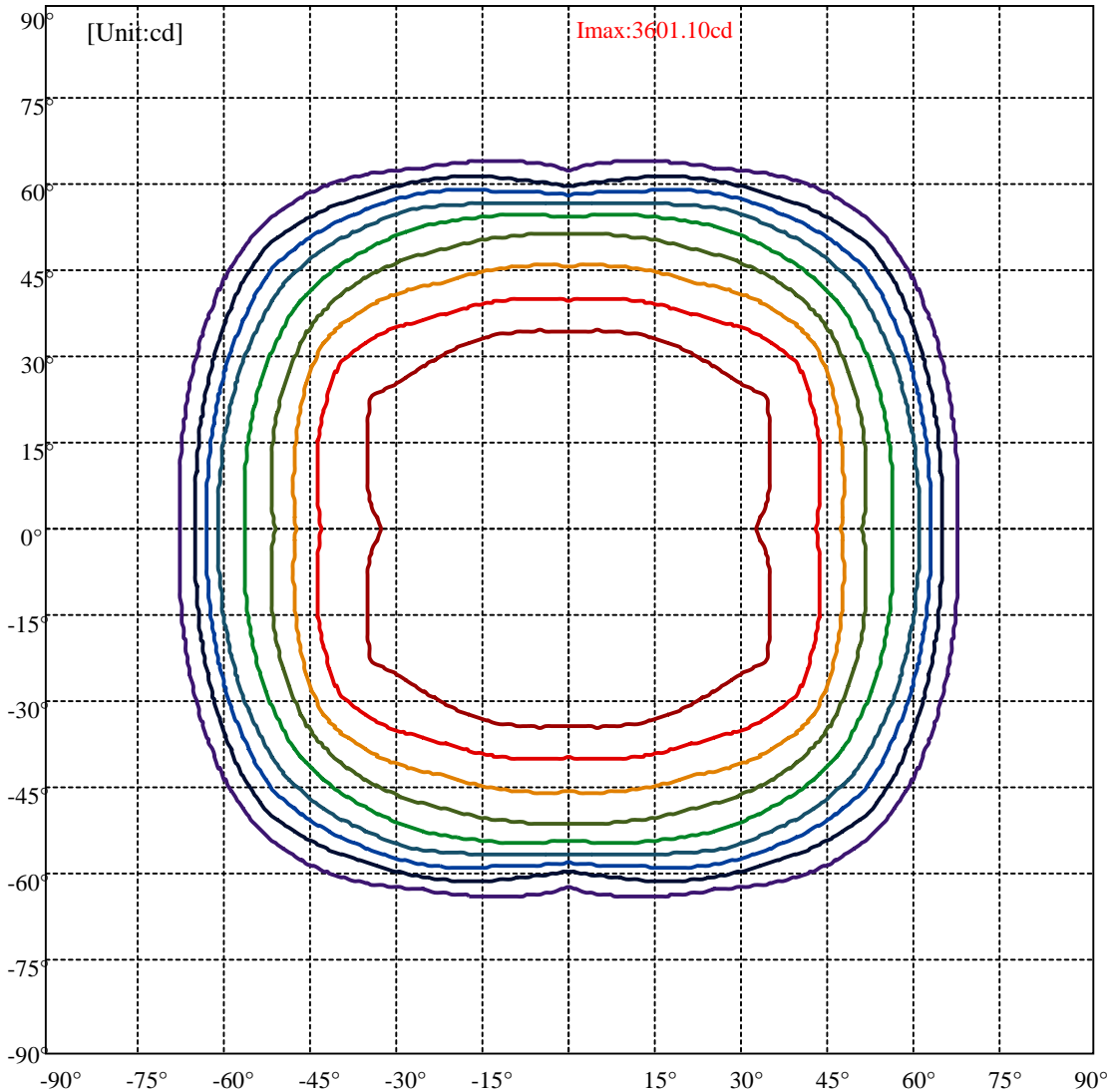
BeamAngle(50% I_{max}):C0/180Left:61.2 Right:51.2
 :C90/270Left:73.6 Right:33.6

Lux distanceCurve



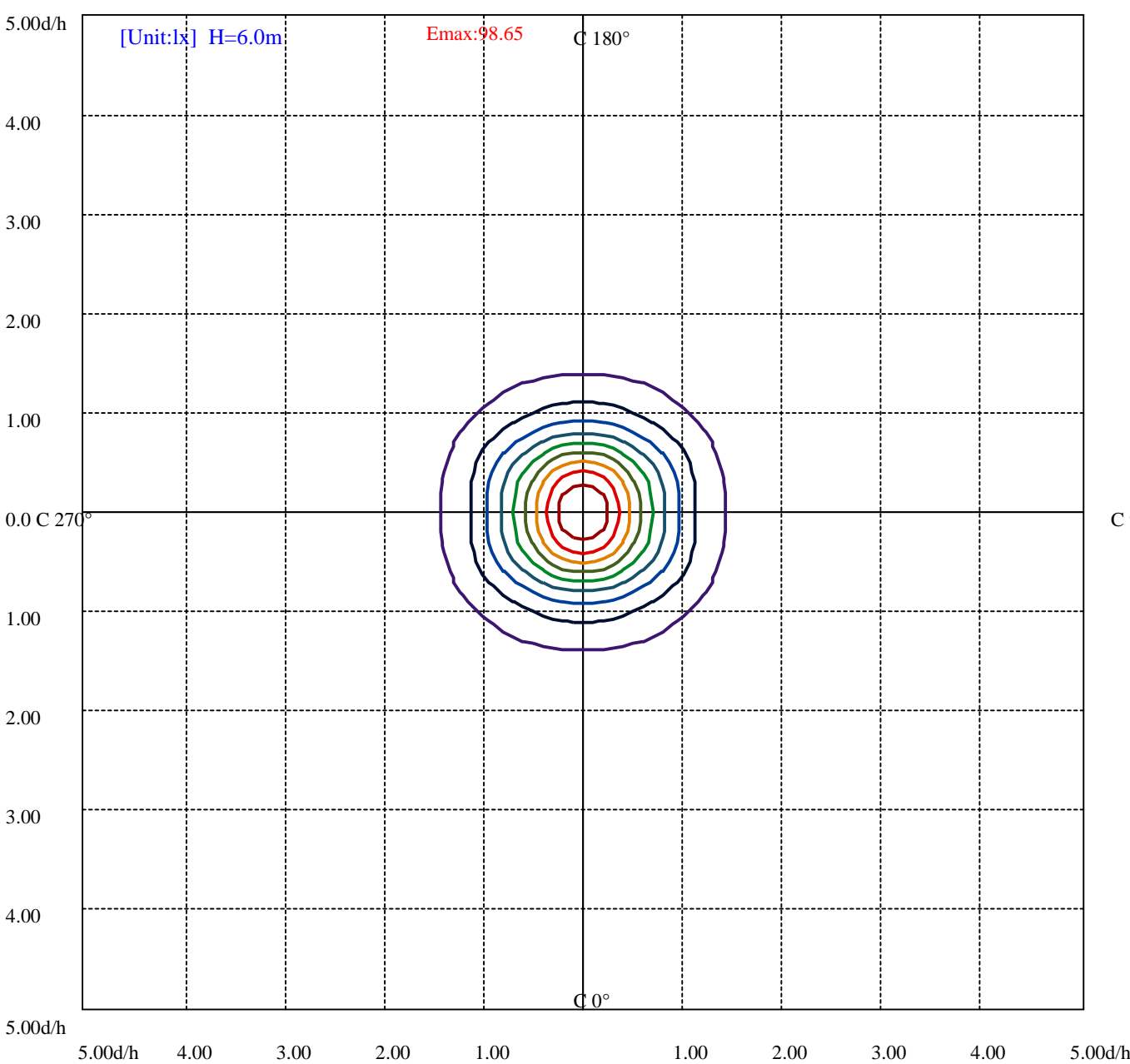
Max , Ave Beam angle of C90plane107.64

ISO-Intensity(V-H)



- (10% Imax) 360.11
- (20% Imax) 720.22
- (30% Imax) 1080.33
- (40% Imax) 1440.44
- (50% Imax) 1800.55
- (60% Imax) 2160.66
- (70% Imax) 2520.77
- (80% Imax) 2880.88
- (90% Imax) 3240.99

ISO illuminance diagram



| | |
|---------------------|---|
| (10% Emax) 9.864695 | — |
| (20% Emax) 19.72942 | — |
| (30% Emax) 29.59417 | — |
| (40% Emax) 39.45889 | — |
| (50% Emax) 49.32361 | — |
| (60% Emax) 59.18834 | — |
| (70% Emax) 69.05277 | — |
| (80% Emax) 78.9175 | — |
| (90% Emax) 88.78222 | — |