



**LED STREET LIGHT**

**200W**

**specification**

|                           |  |
|---------------------------|--|
| PRODUCTS NAME :           | LED STREET LIGHT   |
| MODEL NO. :               | NX-ST10 150W-200W-250W                                     |
| SPECIFICATION :           | Automatic Voltage Protection System AC120 - 277V / 50/60Hz |
| WORKING TEMP. :           | -40 ~ + 60 (°C)  |
| POWER FACTOR :            | > 0.95   |
| POWER :                   | 200W   |
| CRI ( ra ) :              | >80  |
| HOUSING COLOR :           | Gray Color   |
| LIGHT SOURCE :            | IP68 LED 3030 SANAN Chip                                   |
| Driver :                  | IP67, Input Voltage: 120-277V, 50/60Hz ZH POWER            |
| Surge Protective Device : | Input Voltage: 100-270V, IP67, 10KV                        |
| PHOTOCELL :               | 120-277VAC, 50/60Hz, 1000W Tungsten, 1200VA ST. Ballast    |
| LUMEN :                   | 170 lm/W   |
| LIFE TIME :               | 50,000 hrs   |
| MATERIAL :                | Die-cast Aluminum Housing 3mm with integrated heat sink.   |
| BEAM ANGLE :              | Type III   |
| IP / IK :                 | IP66 / IK08 Ta:55°C Tc:90°C                                |
| WARRANTY :                | 5years STANDARD : CE CB TÜV D-10A (MoE)                    |

**Color Temperature:**

**3000K - 4000K - 5000K**






Ref. Certif. No.

NL-118373

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

|   |   |
|---|---|
| Product   | Independent LED driver  |
| Name and address of the applicant                                     | Guangdong Zhihe Electronic Technology Co., LTD<br>Room 1202, Building 8, Fenggang Tian'an Digital City, No. 208 Fenggang Segment, Dongshen Road, Fenggang Town, 523000, Dongguan, Guangdong China                                     |
| Name and address of the manufacturer                                  | Guangdong Zhihe Electronic Technology Co., LTD<br>Room 1202, Building 8, Fenggang Tian'an Digital City, No. 208 Fenggang Segment, Dongshen Road, Fenggang Town, 523000, Dongguan, Guangdong China                                     |
| Name and address of the factory                                       | Guangdong Zhihe Electronic Technology Co., LTD<br>Room 1202, Building 8, Fenggang Tian'an Digital City, No. 208 Fenggang Segment, Dongshen Road, Fenggang Town, 523000, Dongguan, Guangdong China                                     |
| <i>When more than one factory</i>                                     | <input type="checkbox"/> Additional information on page 2   |
| Ratings and principal characteristics                                 | <b>Product data</b><br>Ratings: 120-277 V, 50/60 Hz, class I, tc: 90 °C, IP67, constant current type, other information sees model list of "General product information" of test report<br>120-200 V: ta: 45 °C; 200-277 V: ta: 55 °C |
| Trademark / Brand (if any)  | <br>ZH POWER   |
| Customer's Testing Facility (CTF) Stage used                          |   |
| Model / Type Ref.   | ZH-FVP100R-260, ZH-FVP100R-260B, ZH-FVP150R-260, ZH-FVP150R-260B, ZH-FVP200R-260, ZH-FVP200R-260B, ZH-FVP240R-260, ZH-FVP240R-260B, ZH-FVP30E-150, ZH-FVP320R-260, ZH-FVP320R-260B, ZH-FVP50E-150, ZH-FVP50E-150B and ZH-FVP30E-150B  |
| Additional information  | <input type="checkbox"/> Additional information on page 2   |
| A sample of the product was tested and found to be in conformity with | IEC 61347-1:2015, IEC 61347-1:2015/AMD1:2017, IEC 61347-2-13:2014 and IEC 61347-2-13:2014/AMD1:2016   |

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051  
6825 MJ Arnhem  
Netherlands

Date: 2025-07-17

Signature: Rosa Zhou





# CERTIFICATE

No. 0P241126.GOTSN08

Test Report / Technical Construction File no. TLGD24110763853, TEGD24110763854

Certificate's Holder: Guangdong Ojun Technology Co., Ltd  
No 7 Nanbian Rd, Changjiao Xingtan, Foshan, Guangdong,  
528325 China

Certification  
ECM Mark



Product: Photocontrols, Plug-in, Locking Type  
Model(s): OJ-M715-B, OJ-M715-BS

Verification to: Standard:  
EN 60669-1:2018, EN IEC 60669-2-1:2022+A11:2022,  
EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021  
related to CE Directive(s):  
2014/35/EU (Low Voltage)  
2014/30/EU (Electromagnetic Compatibility)

**Remark:**

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of [www.entecerma.it](http://www.entecerma.it) and concerning voluntary certifications with a non-notified procedure.

**Issuance date: 26 November 2024**

**Expiry date: 25 November 2029**

For online check:



Approver  
Ente Certificazione Macchine  
Legal Representative  
Luca Bedonni



**Ente Certificazione Macchine Srl**

Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it



**CERTIFICATE**  
of Conformity  
Low Voltage Directive 2014/35/EU

**Registration No.:** AN 50551702 0001  
**Report No.:** CN21EXHZ 002

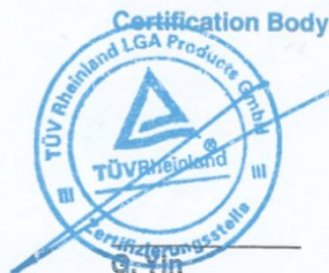
**Holder:** Guangdong ZP Lightning Protection  
Technology Co., Ltd.  
Room 1501, No.5, Songhu Zhigu R & D  
center, No.1 renju Road,  
Liaobu Town, dongguan City,  
Guangdong  
P.R. China

**Product:** Surge Protector  
Surge Protective Device (SPD)

**Identification:** Type Designation : ZP-LED-P10D  
ZP-LED-T10D  
ZP-LED-S10D  
Serial No.: Engineering Sample  
Remark : Refer to test report CN21EXHZ 001-002  
for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date 18.07.2022



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

**CE** The CE marking may be used if all relevant and effective EC Directives are complied with. **CE**

## Zertifikat

## Certificate

Zertifikat Nr. *Certificate No.*      Blatt *Sheet*  
 R 50516300                              0001

| Ihr Zeichen <i>Client Reference</i> | Unser Zeichen <i>Our Reference</i> | Ausstellungsdatum | <i>Date of Issue</i> |
|-------------------------------------|------------------------------------|-------------------|----------------------|
| W.W.W                               | 01-SDW-CN21EXHZ 001                | 31.08.2021        | (day/mo/yr)          |

| Genehmigungsinhaber <i>License Holder</i>   | Fertigungsstätte <i>Manufacturing Plant</i>   |
|---|---|
| Guangdong ZP Lightning Protection Technology Co., Ltd.<br>Room 1501, No.5, Songhu Zhigu R & D center, No.1 renju Road, Liaobu Town, dongguan City, Guangdong P.R. China | Guangdong ZP Lightning Protection Technology Co., Ltd.<br>Room 1501, No.5, Songhu Zhigu R & D center, No.1 renju Road, Liaobu Town, dongguan City, Guangdong P.R. China |

### Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
 EN 61643-11:2012+A11  
 IEC 61643-11:2011

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

### Surge Protector Surge Protective Device (SPD)

|  |  |   |
|--|--|---|
| Type Designation                         | : 1) ZP-LED-P10D<br>2) ZP-LED-T10D<br>3) ZP-LED-S10D | 7 |
| Max. Continuous Operating Voltage(Uc)    | : AC 320V,50/60Hz                                    |   |
| Nominal discharge current(In)            | : 5kA  |   |
| Open Circuit Voltage(Uoc)                | : 10kV   |   |
| Prospective Short-circuit Current(Isccr) | : 300A   |   |
| Number of Ports                          | : One  |   |
| Voltage Protective Level (Up)            | : ≤1,3kV<br>(L-N and L/N-GND)                        |   |
| SPD Type                                 | : Type2 (Class II)<br>Type3 (Class III)              |   |
| Power System                             | : TN   |   |
| Protection Degree                        | : 1)3) IP67; 2) IP20<br>after installation           |   |
| Location Category                        | : Indoor   |   |
| Ambient Temperature                      | : -40°C~+85°C  |   |
| Altitude                                 | : +2 000 m to -500 m                                 |   |

7

### ANLAGE (Appendix): 1

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.*  
*This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
 Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



12) TÜV

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

# CERTIFICATE

No. B 092724 0011 Rev. 00

**Holder of Certificate:** Yuyao Sineyi Electronic Technology Co., Ltd.  
No.3 Zhenxing west road  
315400 Yuyao, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** Connector  
(installation couplers)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64100220458001

**Valid until:** 2028-02-12

**Date,** 2023-02-13

( Richard Xu )



13) CE

ATTESTATION

◆ ATTESTATO

◆ ATESTACIÓN

◆ BESCHEINIGUNG

◆ ATTESTATION



Product Service

## Attestation of Conformity

No. N8A 092724 0010 Rev. 00

**Holder of Attestation:** Yuyao Sineyi Electronic Technology Co., Ltd.


No.3 Zhenxing west road  
315400 Yuyao, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Product:** Connector  
(installation couplers)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/vps-cert](http://www.tuvsud.com/vps-cert)

Test report no.: 64 100220458001

Date, 2023-02-13

  
(Richard Xu)

Page 1 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

TÜV SÜD Product Service GmbH • Rüdlerstraße 65 • 80339 Munich • Germany



JOIN US ON OUR  
FACEBOOK PAGE

NEXTLITE PRODUCTS



NEXTLITE

ATTESTATION

◆ ATTESTATO

◆ ATESTACIÓN

◆ BESCHEINIGUNG

◆ ATTESTATION



Product Service

## Attestation of Conformity

No. N8A 092724 0010 Rev. 00

**Model(s):** M29, M29-2, M29-3, M29-4, M29-5,  
GST18, GST18-2, GST18-3, GST18-4, GST18-5,  
XY GST18, XY GST18-2, XY GST18-3, XY GST18-4,  
XY GST18-5, PA12, PA12-2-2, PA12-3-3, PA12-4-3,  
PA12-4-4, PA12-5-5

### Parameters:

|                                    |  |
|------------------------------------|--|
| Rated Voltage:                     | 450V~                                  |
| Rated current:                     | 6A to 16A                              |
| Impulse voltage:                   | 4kV                                    |
| Pollution degree:                  | 2                                      |
| IP code:                           | IP00                                   |
| Ambient temperature:               | -10~155°C                              |
| Type of terminals:                 | Screw-type                             |
| Connectable conductor:             | Solid, flexible                        |
| With or without breaking capacity: | COC                                    |
| Range of connectable conductors:   | 0.5mm <sup>2</sup> to 4mm <sup>2</sup> |
| Max. ambient temperature:          | T110                                   |

**Tested according to:** EN 60998-1:2004  
EN 60998-2-1:2004  
EN 61984:2009

Page 2 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

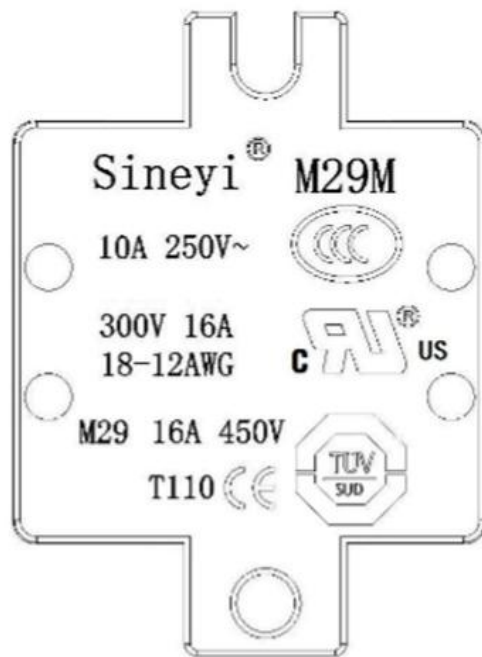
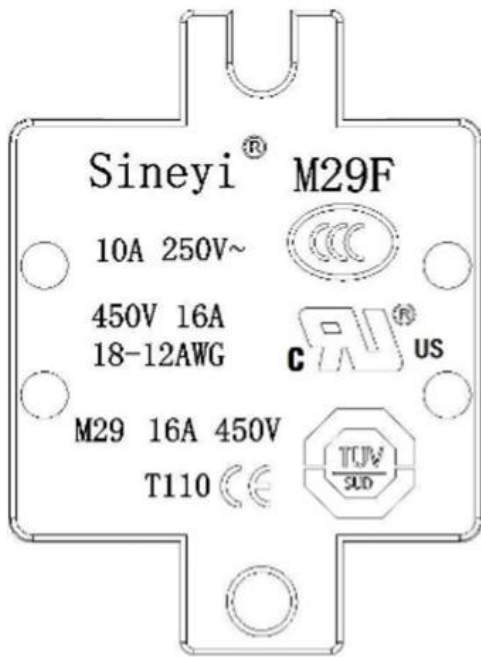
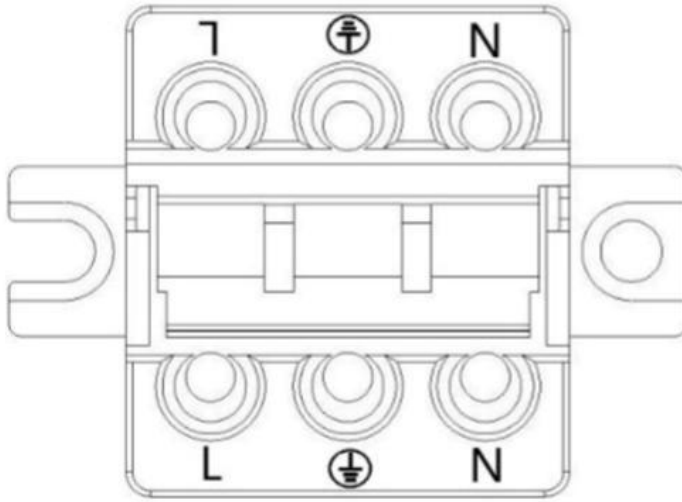


JOIN US ON OUR  
FACEBOOK PAGE

NEXTLITE PRODUCTS



NEXTLITE



14) UL

**CERTIFICATE OF COMPLIANCE**

Certificate Number 20171127-E495524  
Report Reference E495524-20171127  
Issue Date 2017-NOVEMBER-27

Issued to: Yuyao Sineyi Electronic Technology Co LTD  
No. 2 Gaofan Road Xiaodong Industrial Zone  
Yuyao, Zhejiang 315499 CHINA


This is to certify that COMPONENT - TERMINAL BLOCKS  
representative samples of SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL1059 & CAN/CSA C22.2 No. 158-10 Standard for Terminal Blocks

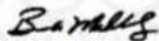
Additional Information: See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Brian Mahoney, Director North American Certification Programs  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [1.800.451.4752](http://1.800.451.4752)



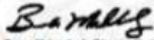
## CERTIFICATE OF COMPLIANCE

Certificate Number 20171127-E495524  
Report Reference E495524-20171127  
Issue Date 2017-NOVEMBER-27

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

**Models/Product:-**

USR and CNR Recognized Component - Terminal Blocks,  
Cat. No. M29, followed by M or F.  
Cat. No. GST18, followed by M or F.  
Cat. No. PA12-4-3, followed by M or F.  
Cat. No. PA12, followed by M or F.



Bruce Maheshwari, Director North American Certification Programs

UL LLC

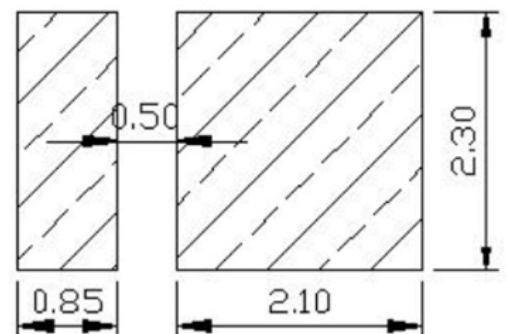
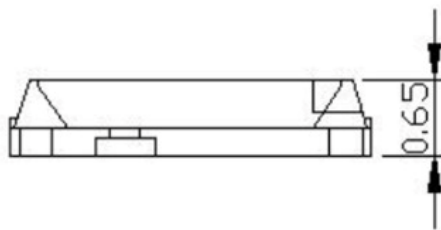
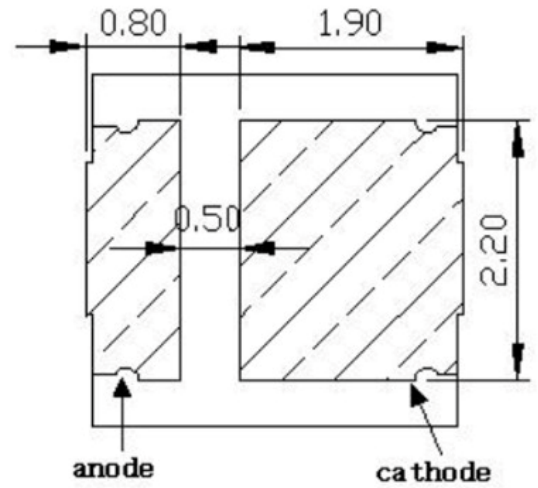
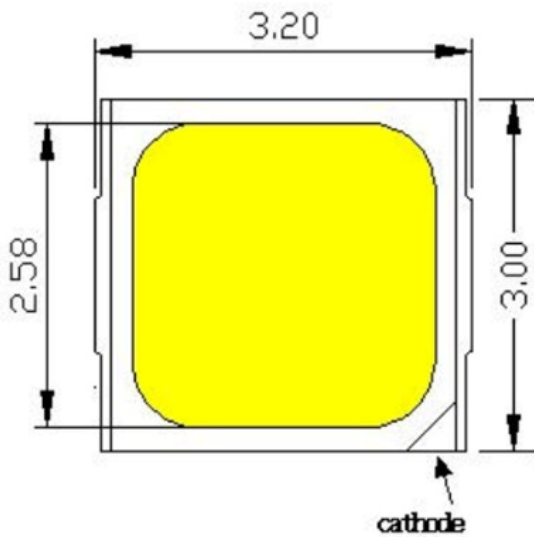
Any information in a document involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [www.ul.com/usa/ul/customer-service](http://www.ul.com/usa/ul/customer-service)



15) CCC

## 2、Dimensions

(Units): (mm)



### Postscript:

All dimensions are in mm tolerance is  $\pm 0.2$ mm unless otherwise noted.

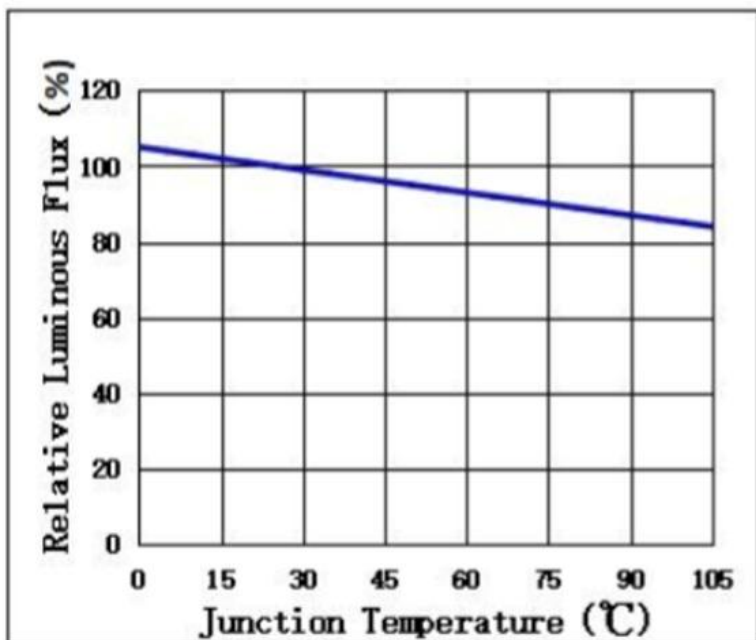
## Absolute Maximum Ratings

| Item                        | Symbol | Value                          | Unit    |
|-----------------------------|--------|--------------------------------|---------|
| Limiting Power              | P      | 1.2                            | W       |
| Forward Current             | IF     | ≅ 200                          | mA      |
| Operating Temperature       | Topr   | -40°C To +85°C                 | °C      |
| Junction Temperature        | Tj     | 125                            | °C      |
| Thermal Resistance          | Rthj-s | 18                             | °C/W    |
| Storage Temperature         | Tstg   | -40°C To +105°C                | °C      |
| ESD Sensitivity             | ESD    | 2,000V HBM                     | V       |
| Reverse Voltage             | VR     | Reverse testing is not allowed | /       |
| Reverse Current             | IR     | VR=5V 1uA                      | uA      |
| Soldering Temperature       | Tsld   | 260°C/3-5sec.                  | °C/S    |
| Moisture Sensitivity Rating | MSR    | MSL3                           | °C/RH/H |

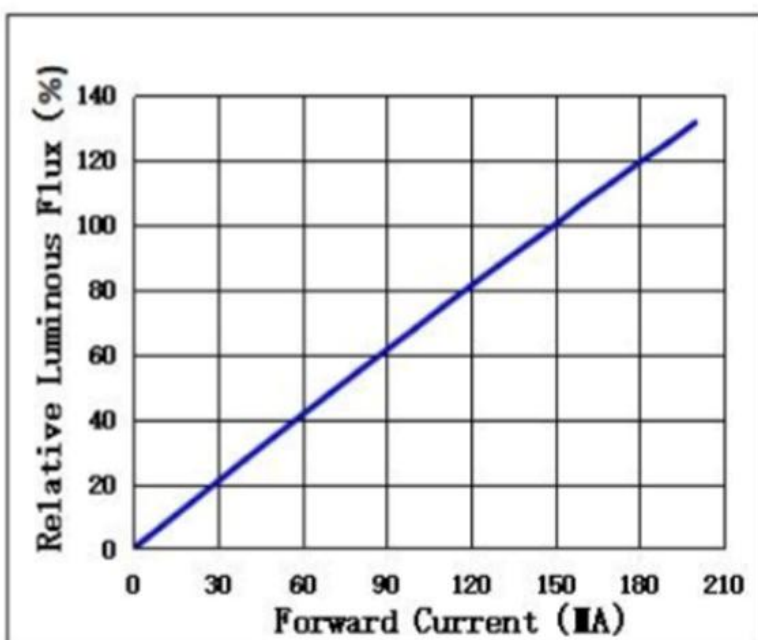
### Additional Remarks

Max power and positive current mean the maximum setting value of the bottom temperature of led light source by using the appropriate heat sink.

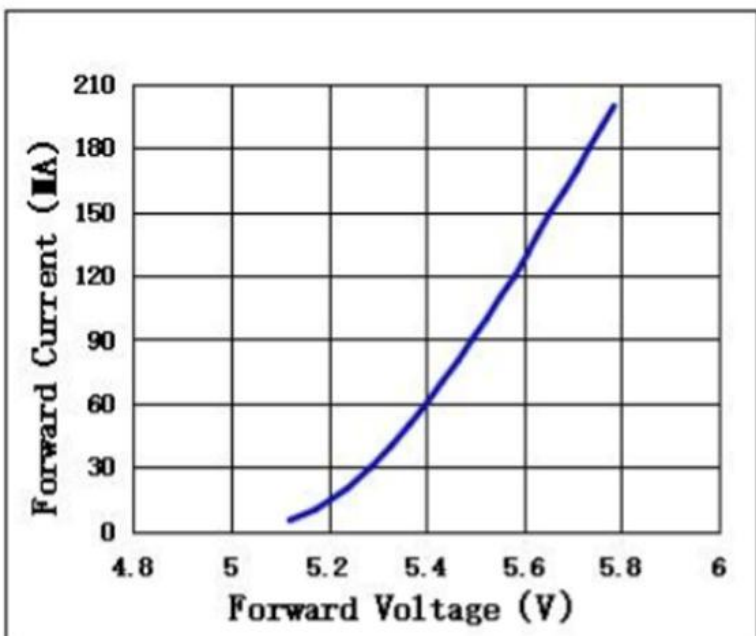
Connection error and off-limits voltage may damage LED chip.



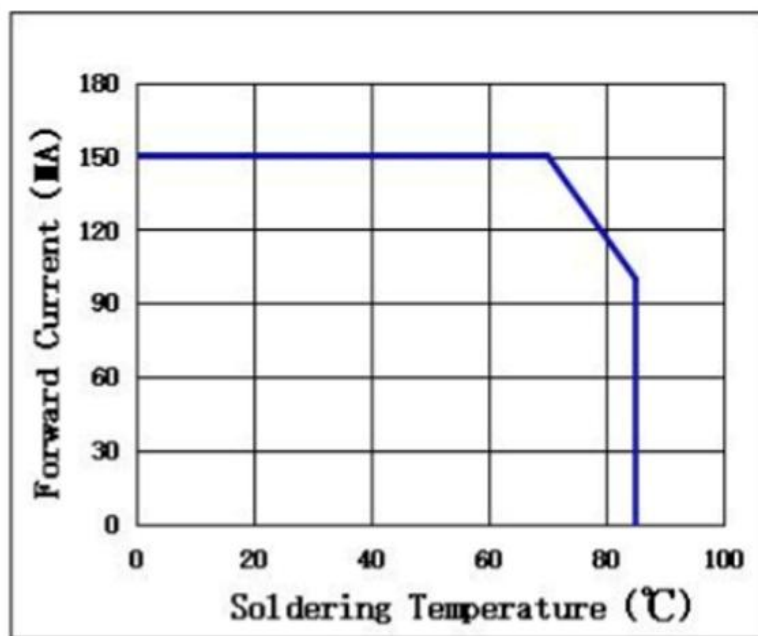
Relative Luminous Intensity VS Junction Temperature.



Relative Luminous Intensity VS Forward Current.

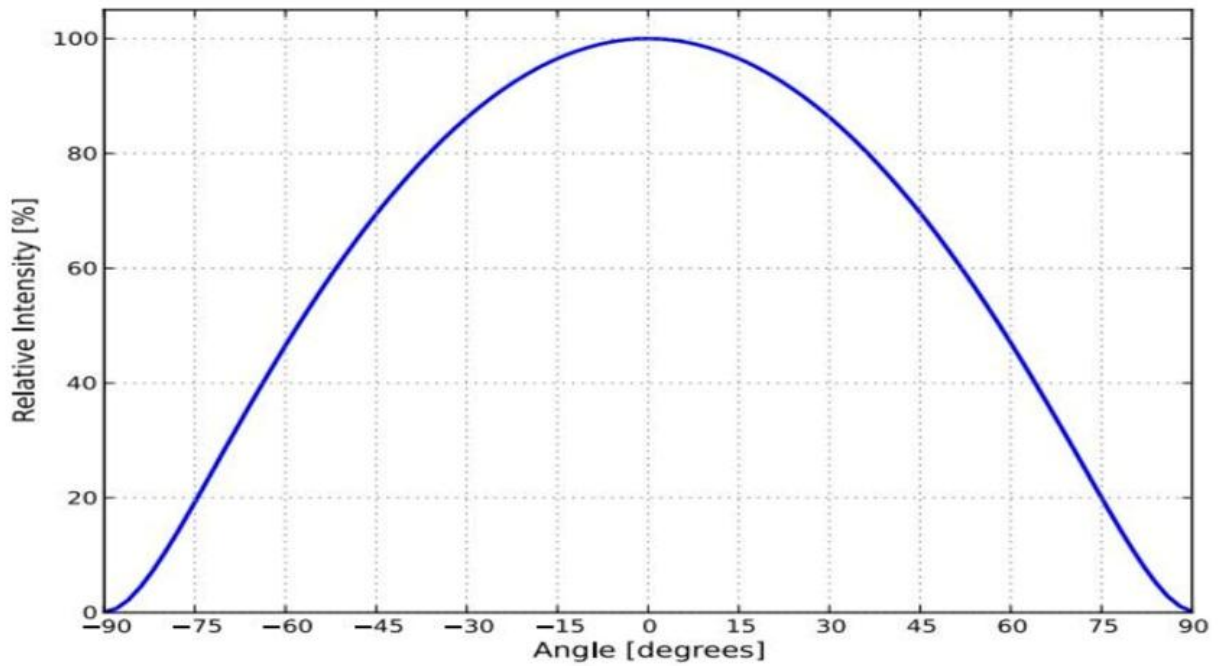


Forward Current VS Forward Voltage.

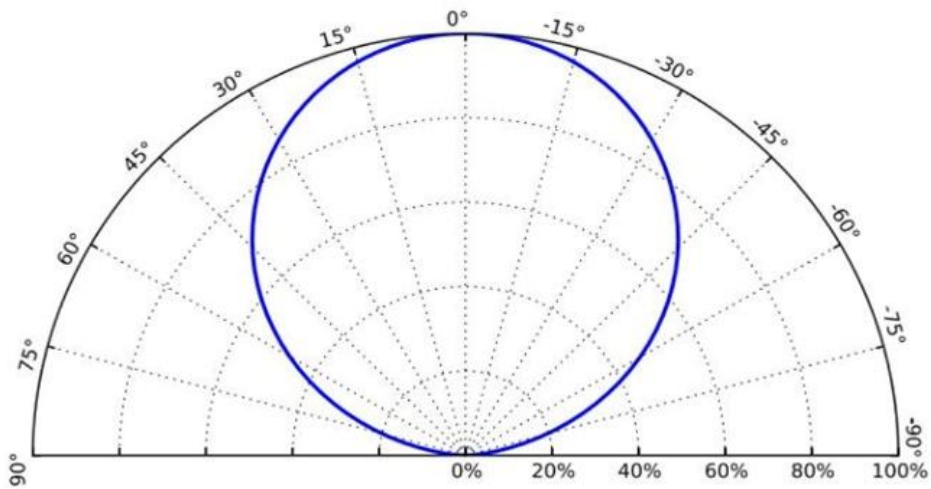


Forward Current VS Soldering Temperature.

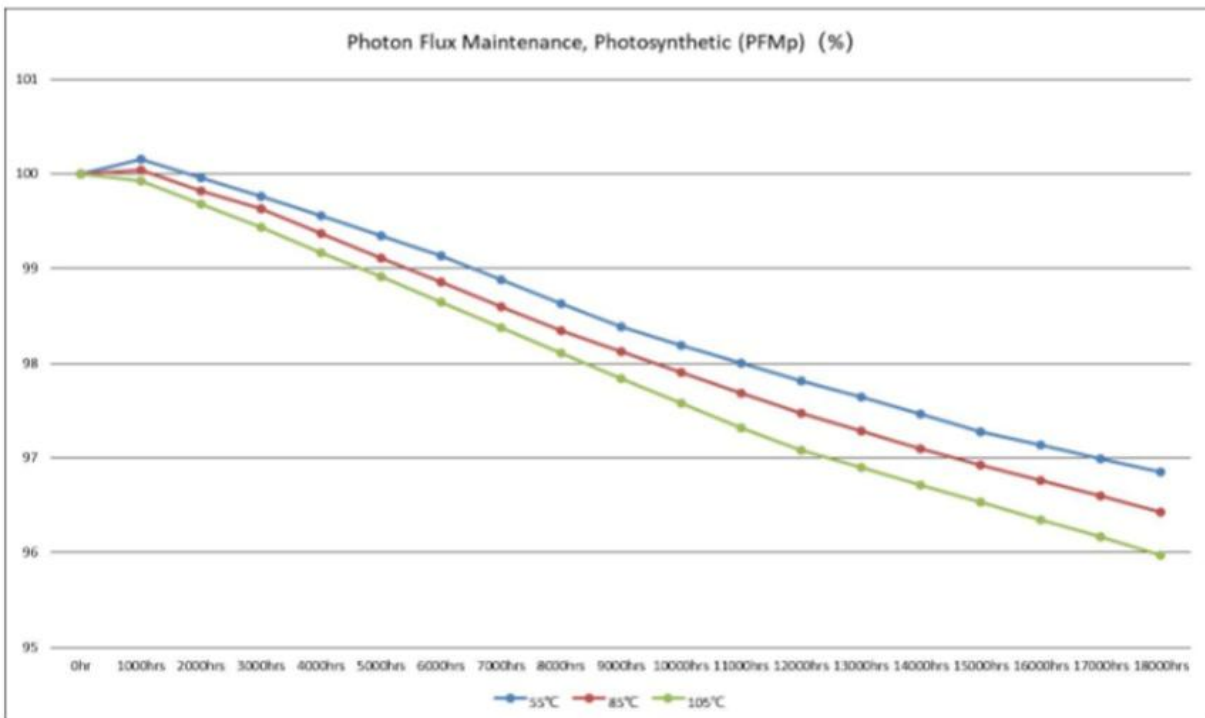
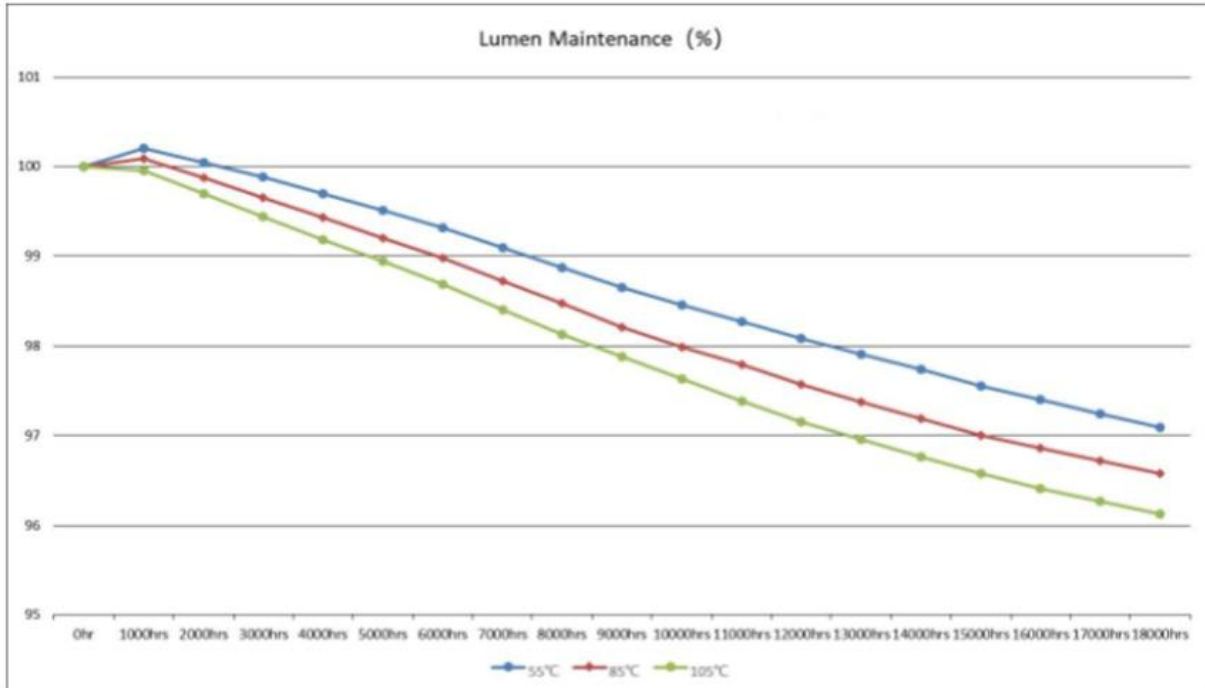
## Radiation Pattern Characteristics



Typical radiation pattern for T at test current,  $T_j = 25^{\circ}\text{C}$ .



Typical polar radiation pattern forat test current,  $T_j = 25^{\circ}\text{C}$ .



TRF No.: 02-N005-1A

Global Testing , Great Quality.

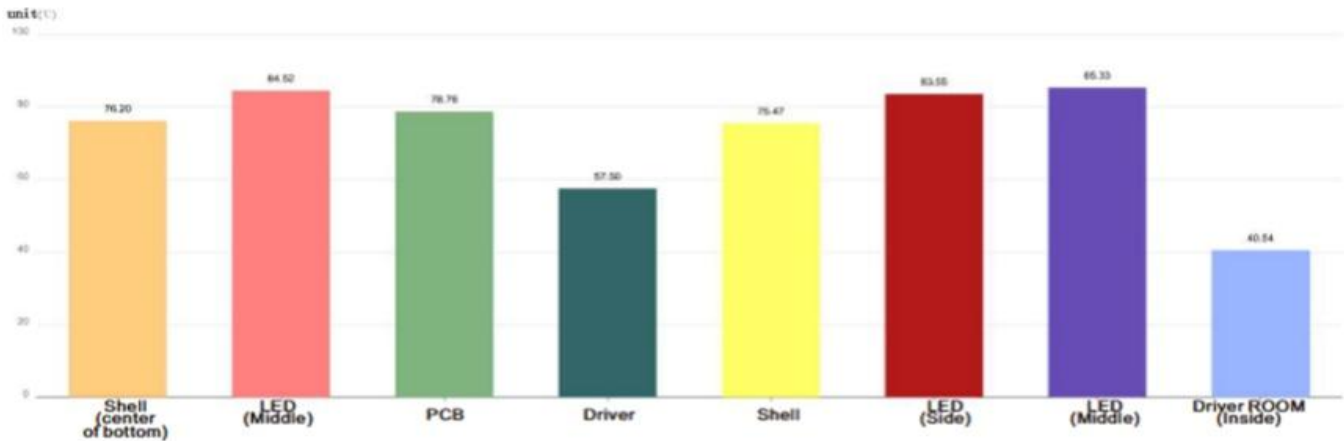
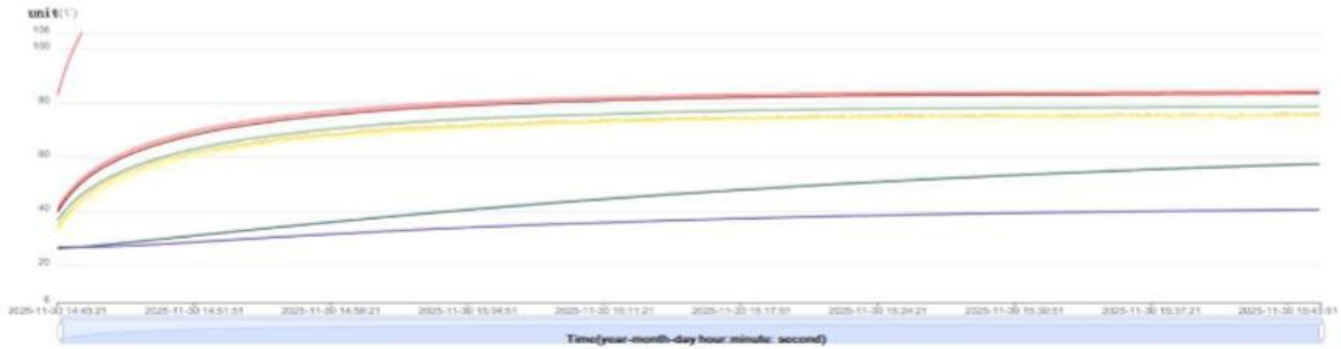


# Data Recorder Collection Report

Manufacturer:200W  
Product NO.:201W  
Export Date: 2025 12 01 14:34:59

Product Type: Power 203W  
Operation Person.:220V

◇ Shell (center of bottom) 
 ◇ LED (Middle) 
 ◇ PCB 
 ◇ Driver 
 ◇ Shell 
 ◇ LED (Side) 
 ◇ Driver ROOM (Inside)



| Machine                                  | Collection Time     | Ambient Temp | Shell (Center of bottom)                           | LED (Middle)                                       | PCB  | Driver   | Shell  | LED (Side)   | LED (Middle)                                       | Driver Room (Inside)                               |
|--|---------------------|--------------|--|--|--|--|--|--|--|--|
| TCP-8 Multi-channel Temperature Recorder | 2025-11-30 15:45:21 | 27.4         | 76.20, °C,K<br>Avg:76.06<br>Max:77.04<br>Min:30.60 | 84.52, °C,K<br>Avg:84.95<br>Max:85.08<br>Min:30.78 | 76.76, °C,K<br>Avg:79.27<br>Max:79.42<br>Min:30.58 | 57.50, °C,K<br>Avg:64.81<br>Max:64.83<br>Min:25.74 | 75.47, °C,K<br>Avg:75.89<br>Max:76.33<br>Min:30.51 | 83.55, °C,K<br>Avg:84.09<br>Max:84.22<br>Min:30.89 | 83.33, °C,K<br>Avg:85.37<br>Max:86.02<br>Min:30.63 | 40.54, °C,K<br>Avg:42.62<br>Max:42.66<br>Min:26.19 |



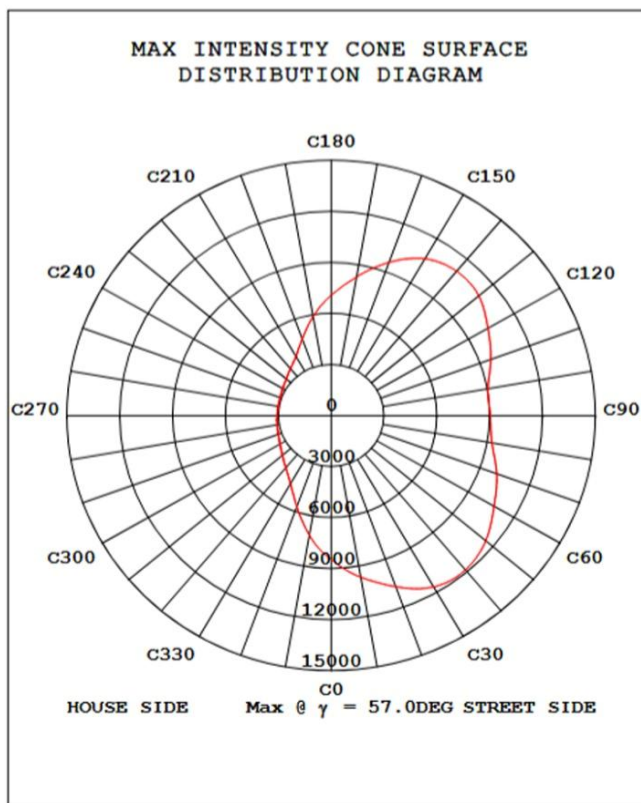
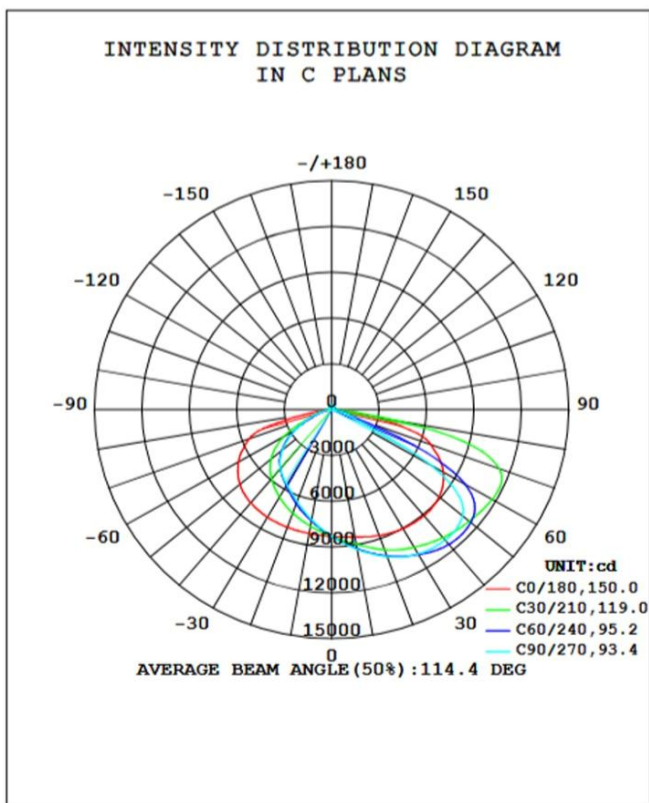
NEXTLITE PRODUCTS



### STREETLIGHT PHOTOMETRIC TEST REPORT

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SUR.: 15X25            | Shielding Angle: |

| DATA OF LAMP      |         | PHOTOMETRIC DATA    Eff: 172.91 lm/W |         |                        |         |
|-------------------|---------|--------------------------------------|---------|------------------------|---------|
| MODEL             |         | Imax (cd)                            | 11845   | $\eta$ street_up (%)   | 1.9     |
| NOMINAL POWER (W) | 200     | LOR (%)                              | 100.0   | $\eta$ street_down (%) | 63.6    |
| RATED VOLTAGE (V) | 220     | TOTAL FLUX (lm)                      | 34735   | $\eta$ house_up (%)    | 1.8     |
| NOMINAL FLUX (lm) | 34735.2 | MAXIMUM @ (C, $\gamma$ )             | 40,57.0 | $\eta$ house_down (%)  | 32.7    |
| LAMPS INSIDE      | 1       | $\eta$ up (%)                        | 3.7     | 76 FLASHAREA (m2)      | 0.00100 |
| TEST VOLTAGE (V)  | 220     | $\eta$ down (%)                      | 96.3    | SLI                    | 22.300  |

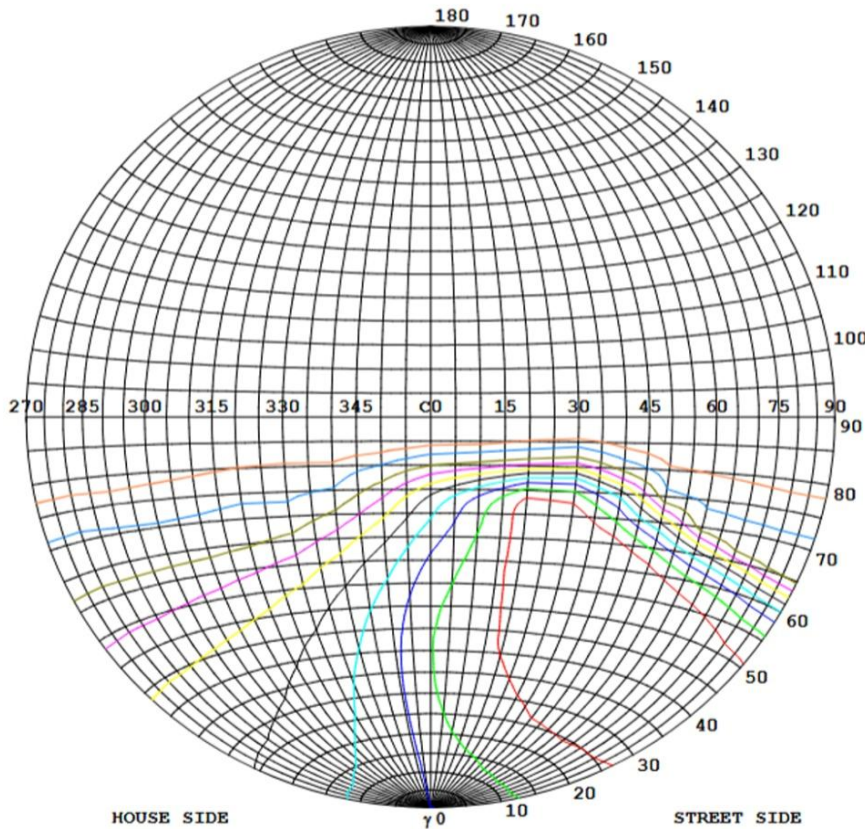


C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SUR.: 15X25            | Shielding Angle: |



**Classification:**

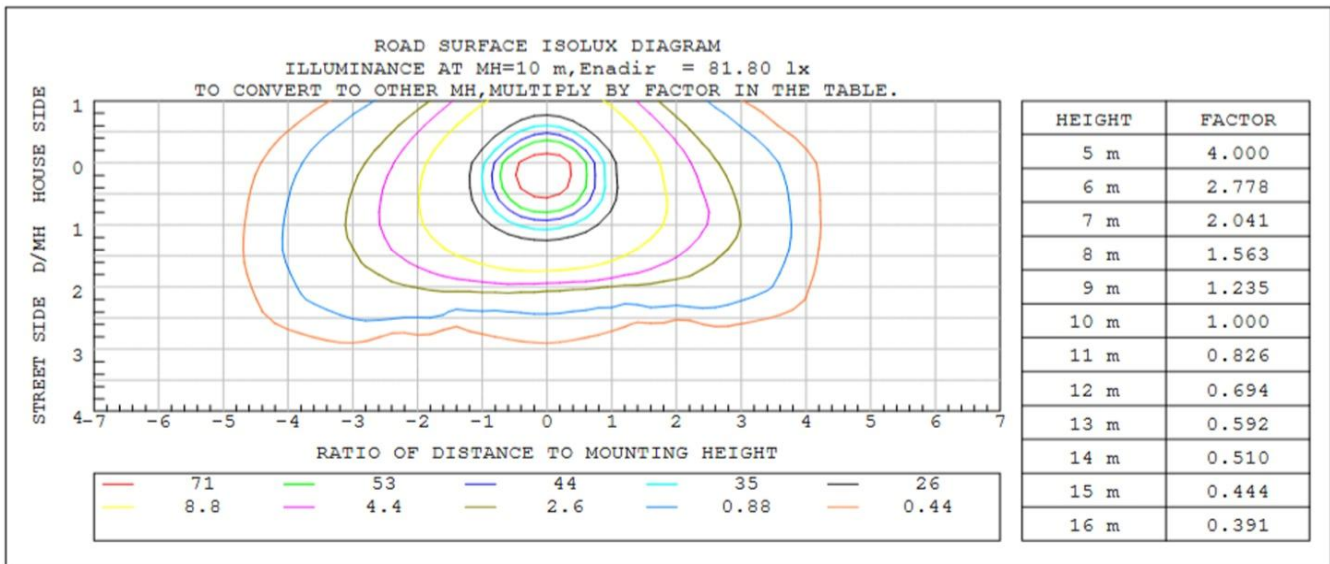
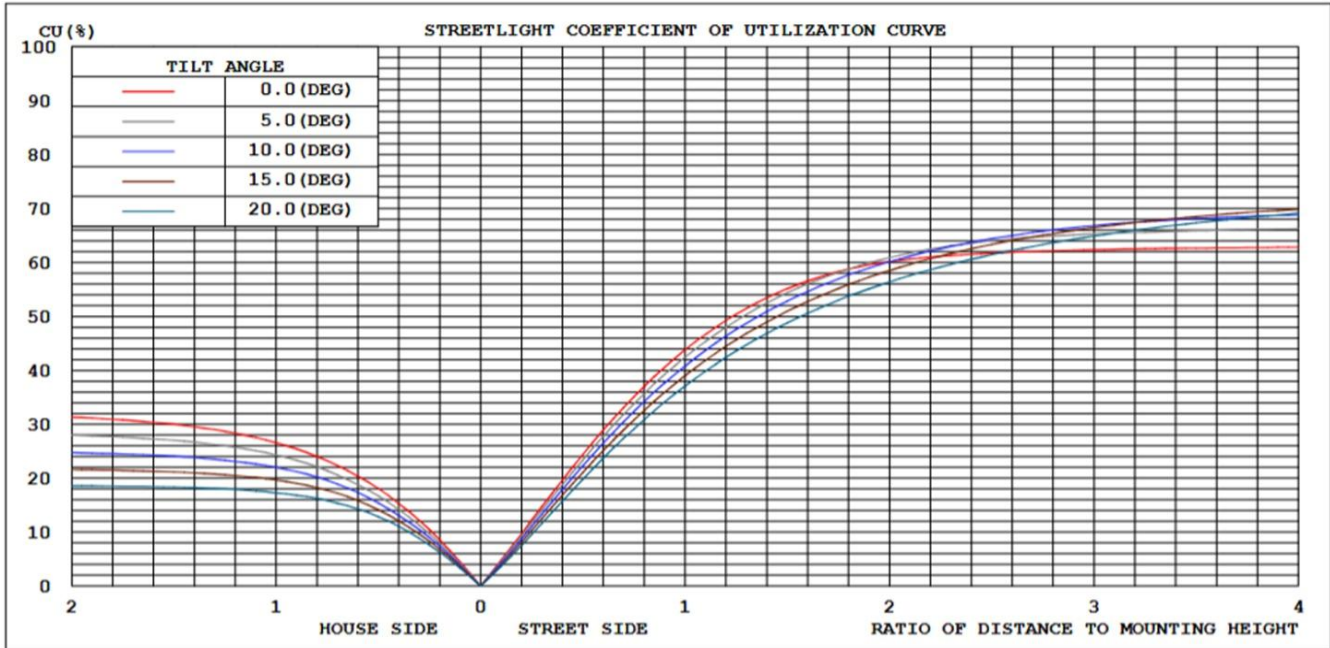
IES: Type III - Short  
 CIE: Broad - Short  
 IES: Semi cut-off  
 CIE: Non-cut-off  
 Max. At 80: 123.1cd/klm  
 Max. At 90: 7.802cd/klm  
 Max. 80-90: 123.1cd/klm

| ISOCANDELA DIAGRAM |       |
|--------------------|-------|
| UNIT               | cd    |
| Imax=100%          | 11845 |
| 90%                | 10661 |
| 80%                | 9476  |
| 70%                | 8292  |
| 60%                | 7107  |
| 50%                | 5923  |
| 40%                | 4738  |
| 30%                | 3554  |
| 20%                | 2369  |
| 10%                | 1185  |
| 5%                 | 592   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: JACK  
Test Date: 01 December 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 63.0%  
Test Distance: 11.870m [K=1.0000]  
Remarks:

**ZONAL FLUX DIAGRAM**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SUR.: 15X25            | Shielding Angle: |

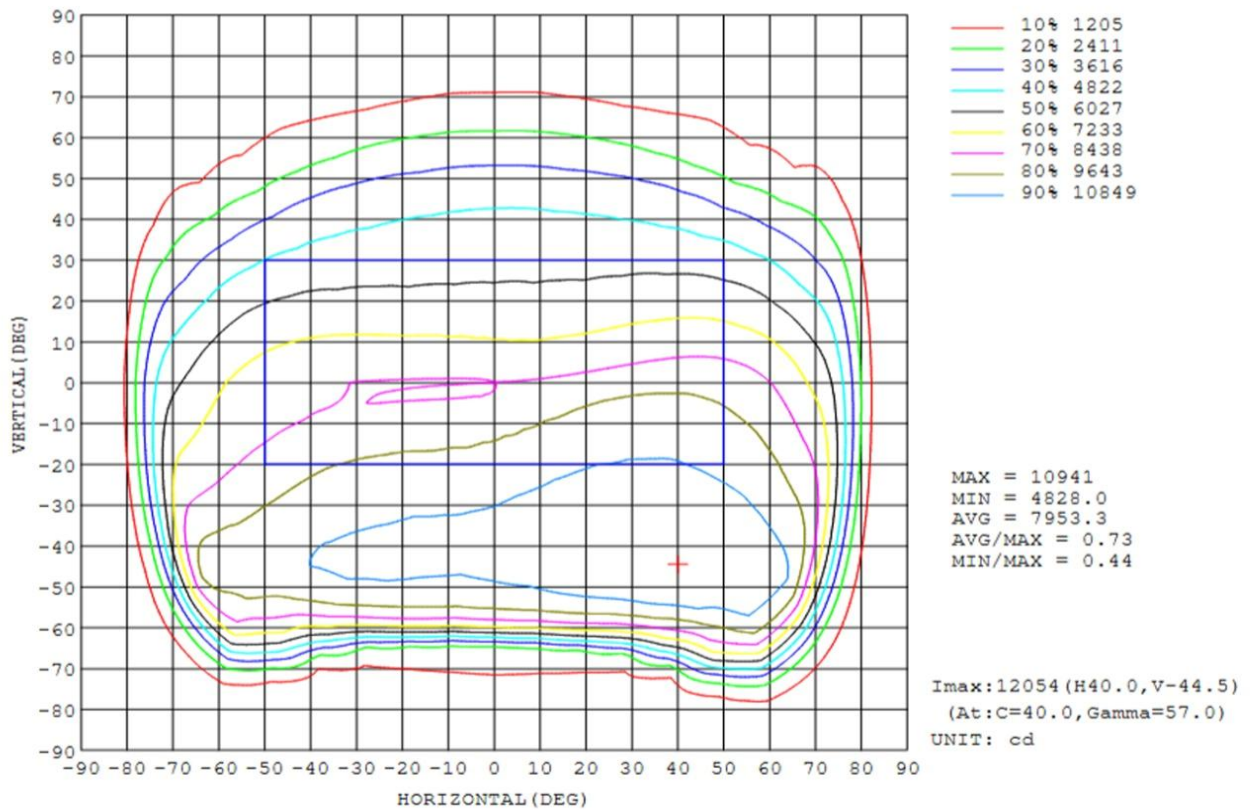
| $\gamma$ | C0                        | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 847.8                     | 912.0 | 928.9 | 894.9 | 824.7 | 755.7 | 733.2 | 767.1 | 0- 10    | 793.9       | 793.9        | 2.29, 2.29 |
| 20       | 877.5                     | 1003  | 1023  | 964.2 | 820.1 | 683.5 | 641.4 | 704.5 | 10- 20   | 2371        | 3165         | 9.11, 9.11 |
| 30       | 901.0                     | 1078  | 1091  | 1027  | 814.1 | 606.7 | 569.0 | 642.1 | 20- 30   | 3892        | 7057         | 20.3, 20.3 |
| 40       | 907.8                     | 1137  | 1117  | 1083  | 797.7 | 534.9 | 505.7 | 576.7 | 30- 40   | 5264        | 12322        | 35.5, 35.5 |
| 50       | 888.3                     | 1172  | 1083  | 1114  | 759.0 | 441.8 | 406.9 | 482.5 | 40- 50   | 6309        | 18631        | 53.6, 53.6 |
| 60       | 814.4                     | 1139  | 716.2 | 1057  | 681.1 | 293.0 | 265.5 | 326.0 | 50- 60   | 6615        | 25246        | 72.7, 72.7 |
| 70       | 666.8                     | 745.0 | 137.5 | 582.1 | 555.6 | 124.9 | 133.0 | 140.7 | 60- 70   | 5107        | 30353        | 87.4, 87.4 |
| 80       | 226.5                     | 127.1 | 40.31 | 71.37 | 138.8 | 45.22 | 37.43 | 56.76 | 70- 80   | 2663        | 33016        | 95, 95     |
| 90       | 26.22                     | 23.23 | 17.76 | 21.02 | 22.24 | 18.14 | 14.75 | 18.05 | 80- 90   | 429.4       | 33445        | 96.3, 96.3 |
| 100      | 24.09                     | 19.82 | 16.10 | 18.14 | 21.78 | 18.04 | 15.68 | 17.56 | 90-100   | 211.3       | 33656        | 96.9, 96.9 |
| 110      | 23.58                     | 19.16 | 15.93 | 17.64 | 21.08 | 18.43 | 16.93 | 17.54 | 100-110  | 196.9       | 33853        | 97.5, 97.5 |
| 120      | 23.79                     | 19.85 | 17.01 | 18.08 | 20.16 | 19.04 | 18.15 | 18.45 | 110-120  | 187.2       | 34040        | 98, 98     |
| 130      | 24.39                     | 21.09 | 18.66 | 19.03 | 19.68 | 18.90 | 20.14 | 19.48 | 120-130  | 174.8       | 34215        | 98.5, 98.5 |
| 140      | 25.53                     | 22.87 | 20.63 | 20.42 | 20.27 | 20.57 | 21.10 | 19.99 | 130-140  | 158.5       | 34374        | 99, 99     |
| 150      | 27.54                     | 25.23 | 23.14 | 22.39 | 23.33 | 24.87 | 22.52 | 22.17 | 140-150  | 139.7       | 34514        | 99.4, 99.4 |
| 160      | 28.96                     | 27.90 | 26.03 | 24.83 | 26.63 | 28.39 | 24.97 | 25.62 | 150-160  | 115.4       | 34629        | 99.7, 99.7 |
| 170      | 30.06                     | 30.30 | 28.63 | 27.17 | 28.98 | 30.32 | 28.97 | 28.08 | 160-170  | 78.21       | 34707        | 99.9, 99.9 |
| 180      | 30.42                     | 31.62 | 30.27 | 28.70 | 30.59 | 31.63 | 30.22 | 28.70 | 170-180  | 28.05       | 34735        | 100, 100   |
| DEG      | LUMINOUS INTENSITY: *10cd |       |       |       |       |       |       |       |          | UNIT: lm    |              |            |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

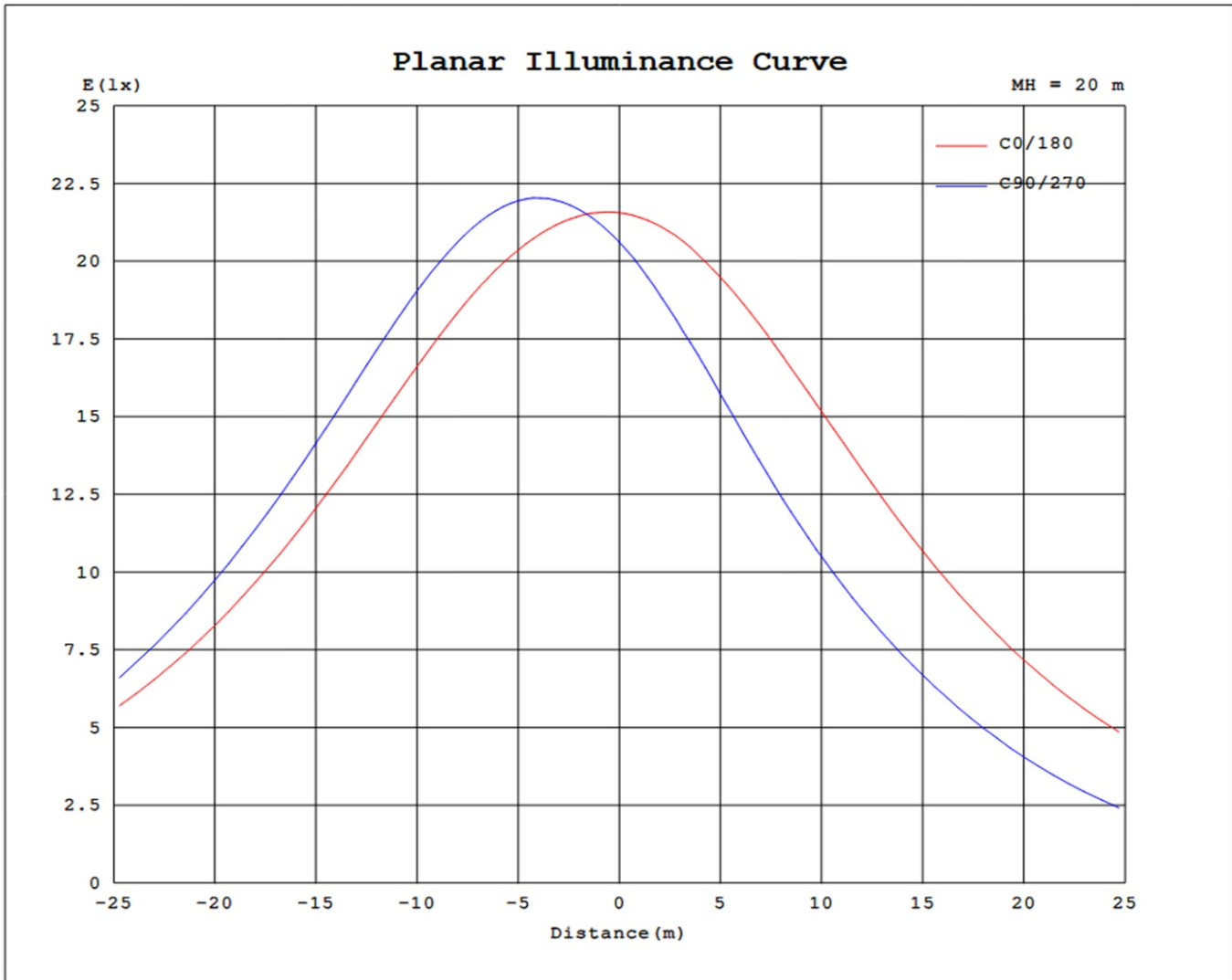
|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SVR.: 15X25            | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



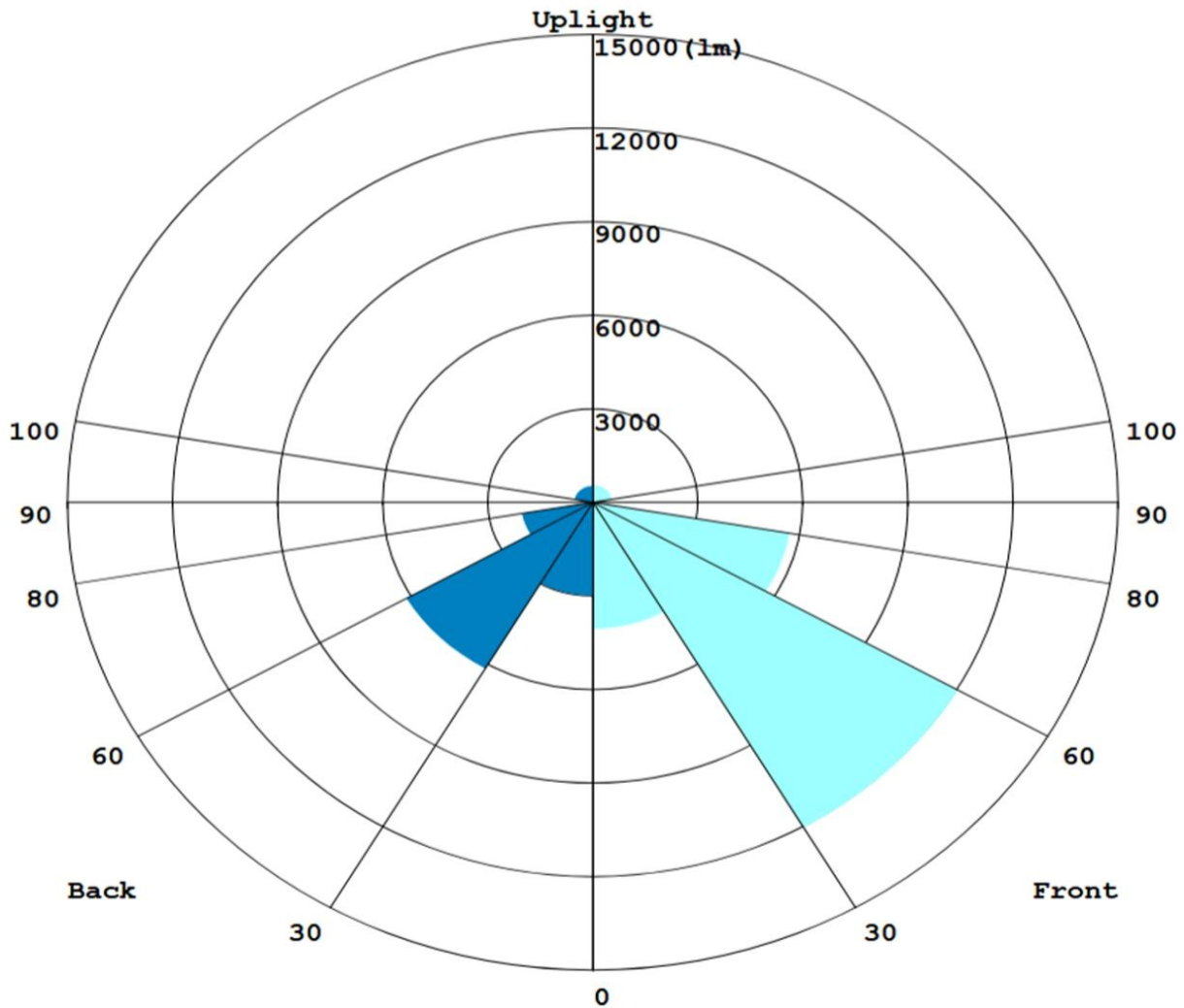
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks:

**LCS REPORT**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SVR.: 15X25            | Shielding Angle: |

**LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH**



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: JACK  
Test Date: 01 December 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 63.0%  
Test Distance: 11.870m [K=1.0000]  
Remarks:

**BUG REPORT**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SVR.: 15X25            | Shielding Angle: |

**IESNA Luminaire Flux Distribution Table:**

| Zone                         | Lumens       | Luminaire % |
|------------------------------|--------------|-------------|
| FL - Front-Low(0-30)         | 4060.2       | 11.7        |
| FM - Front-Medium(30-60)     | 12039        | 34.7        |
| FH - Front-High(60-80)       | 5709.9       | 16.4        |
| FVH - Front-Very High(80-90) | 271.89       | 0.8         |
| <b>Total Forward Light</b>   | <b>22746</b> | <b>65.5</b> |

|                             |              |             |
|-----------------------------|--------------|-------------|
| BL - Back-Low(0-30)         | 2997.1       | 8.6         |
| BM - Back-Medium(30-60)     | 6149         | 17.7        |
| BH - Back-High(60-80)       | 2060.2       | 5.9         |
| BVH - Back-Very High(80-90) | 157.47       | 0.5         |
| <b>Total Back Light</b>     | <b>11989</b> | <b>34.5</b> |

|                            |               |            |
|----------------------------|---------------|------------|
| UL - Uplight-Low(90-100)   | 211.32        | 0.6        |
| UH - Uplight-High(100-180) | 1078.8        | 3.1        |
| <b>Total Up Light</b>      | <b>1290.1</b> | <b>3.7</b> |

|                                  |                 |
|----------------------------------|-----------------|
| <b>BUG(Back,Up,Glare) Rating</b> | <b>B4-U4-G3</b> |
|----------------------------------|-----------------|

| Zone        | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side  | 11364           | 625.38        | 11989        |
| Street Side | 22081           | 664.74        | 22746        |

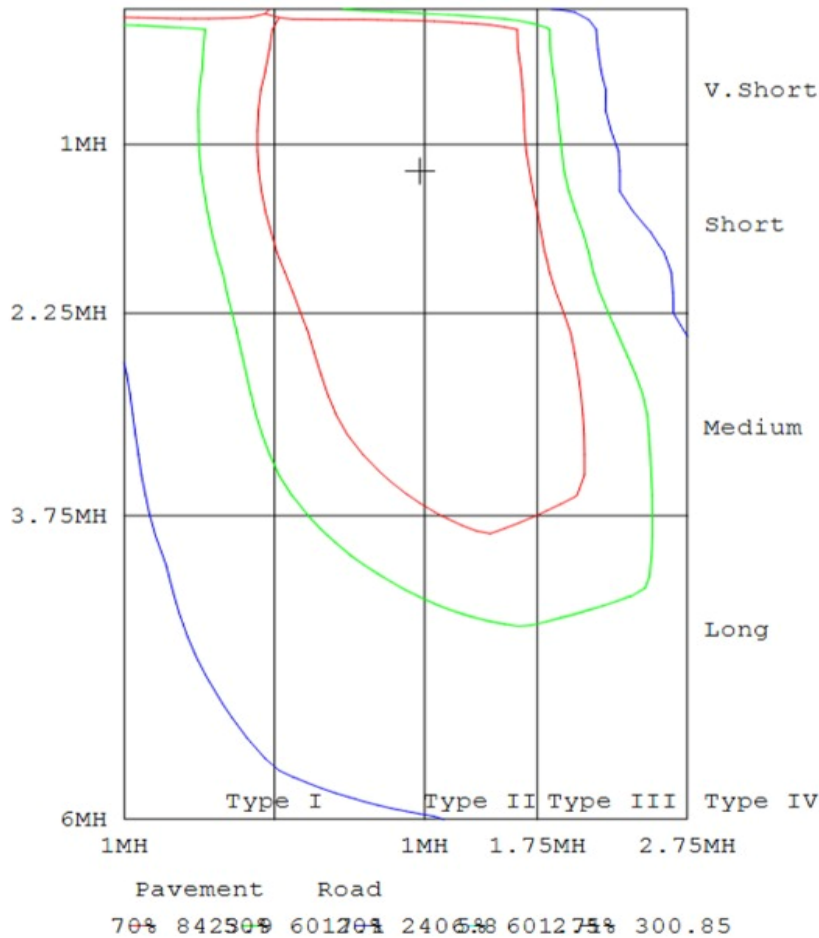
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: JACK  
Test Date: 01 December 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 63.0%  
Test Distance: 11.870m [K=1.0000]  
Remarks:

**ROAD ISOCANDELA REPORT**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SVR.: 15X25            | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: JACK  
Test Date: 01 December 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 63.0%  
Test Distance: 11.870m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SUR.: 15X25            | Shielding Angle: |

Table--1

UNIT: ×10cd

| C (DEG) \ γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  |
| 5                 | 837  | 846  | 854  | 861  | 867  | 872  | 876  | 878  | 879  | 879  | 878  | 875  | 870  | 866  | 859  | 853  | 844  | 836  | 827  |
| 10                | 848  | 866  | 881  | 896  | 907  | 917  | 923  | 928  | 929  | 929  | 925  | 920  | 911  | 901  | 888  | 874  | 859  | 842  | 825  |
| 15                | 862  | 890  | 914  | 935  | 952  | 965  | 972  | 977  | 979  | 977  | 972  | 964  | 953  | 940  | 921  | 899  | 874  | 849  | 822  |
| 20                | 877  | 915  | 948  | 977  | 996  | 1010 | 1019 | 1023 | 1024 | 1023 | 1015 | 1006 | 992  | 975  | 953  | 925  | 891  | 855  | 820  |
| 25                | 891  | 937  | 979  | 1012 | 1035 | 1053 | 1060 | 1064 | 1063 | 1062 | 1053 | 1044 | 1029 | 1010 | 982  | 949  | 906  | 861  | 817  |
| 30                | 901  | 956  | 1003 | 1042 | 1067 | 1089 | 1096 | 1100 | 1092 | 1091 | 1083 | 1078 | 1064 | 1043 | 1010 | 970  | 920  | 866  | 814  |
| 35                | 906  | 969  | 1023 | 1070 | 1097 | 1122 | 1130 | 1128 | 1113 | 1109 | 1103 | 1106 | 1094 | 1075 | 1040 | 990  | 930  | 867  | 807  |
| 40                | 908  | 979  | 1041 | 1095 | 1125 | 1148 | 1153 | 1145 | 1124 | 1117 | 1111 | 1121 | 1113 | 1099 | 1067 | 1012 | 940  | 867  | 798  |
| 45                | 903  | 984  | 1052 | 1118 | 1151 | 1166 | 1161 | 1146 | 1116 | 1111 | 1104 | 1120 | 1122 | 1116 | 1089 | 1030 | 942  | 859  | 783  |
| 50                | 888  | 981  | 1059 | 1137 | 1171 | 1173 | 1149 | 1124 | 1086 | 1083 | 1073 | 1098 | 1115 | 1125 | 1102 | 1044 | 944  | 848  | 759  |
| 55                | 860  | 969  | 1067 | 1157 | 1183 | 1161 | 1106 | 1057 | 997  | 983  | 979  | 1027 | 1072 | 1113 | 1111 | 1056 | 953  | 834  | 725  |
| 60                | 814  | 951  | 1076 | 1174 | 1175 | 1102 | 970  | 867  | 755  | 716  | 723  | 823  | 917  | 1029 | 1085 | 1075 | 965  | 818  | 681  |
| 65                | 750  | 922  | 1081 | 1178 | 1101 | 909  | 659  | 435  | 268  | 219  | 232  | 343  | 544  | 800  | 951  | 1074 | 996  | 806  | 622  |
| 70                | 667  | 890  | 1090 | 1128 | 910  | 579  | 180  | 142  | 137  | 137  | 134  | 137  | 147  | 393  | 771  | 962  | 1059 | 808  | 556  |
| 75                | 515  | 723  | 952  | 934  | 633  | 157  | 101  | 91.2 | 85.7 | 86.3 | 83.2 | 85.3 | 90.5 | 112  | 399  | 740  | 751  | 566  | 408  |
| 80                | 227  | 285  | 384  | 428  | 188  | 65.9 | 55.9 | 50.0 | 44.6 | 40.3 | 41.6 | 45.2 | 47.1 | 50.1 | 92.6 | 217  | 176  | 138  | 139  |
| 85                | 45.8 | 46.1 | 59.8 | 74.9 | 45.6 | 30.1 | 26.2 | 24.3 | 21.9 | 19.9 | 21.1 | 22.3 | 22.6 | 23.9 | 25.6 | 27.3 | 27.2 | 27.2 | 25.7 |
| 90                | 26.2 | 26.9 | 27.1 | 26.7 | 24.5 | 22.0 | 19.9 | 18.8 | 18.0 | 17.8 | 17.8 | 18.4 | 18.9 | 20.1 | 21.9 | 24.0 | 25.0 | 25.3 | 22.2 |
| 95                | 24.9 | 25.2 | 25.2 | 24.6 | 22.3 | 20.1 | 18.3 | 17.4 | 16.7 | 16.6 | 16.6 | 17.0 | 17.4 | 18.4 | 20.0 | 21.9 | 23.0 | 23.9 | 21.9 |
| 100               | 24.1 | 23.9 | 23.4 | 22.6 | 20.7 | 19.0 | 17.6 | 16.8 | 16.2 | 16.1 | 15.9 | 16.3 | 16.7 | 17.5 | 18.7 | 20.3 | 21.6 | 22.9 | 21.8 |
| 105               | 23.7 | 23.2 | 22.5 | 21.5 | 19.9 | 18.5 | 17.3 | 16.6 | 16.1 | 15.9 | 15.7 | 16.0 | 16.4 | 17.2 | 18.2 | 19.5 | 21.0 | 22.4 | 21.4 |
| 110               | 23.6 | 23.1 | 22.2 | 21.3 | 19.8 | 18.5 | 17.4 | 16.7 | 16.1 | 15.9 | 15.7 | 16.0 | 16.4 | 17.2 | 18.1 | 19.4 | 20.7 | 22.2 | 21.1 |
| 115               | 23.6 | 23.2 | 22.4 | 21.4 | 20.0 | 18.8 | 17.7 | 17.0 | 16.5 | 16.4 | 16.1 | 16.3 | 16.6 | 17.4 | 18.3 | 19.5 | 20.8 | 22.1 | 20.6 |
| 120               | 23.8 | 23.4 | 22.7 | 21.8 | 20.4 | 19.3 | 18.2 | 17.6 | 17.2 | 17.0 | 16.7 | 16.9 | 17.1 | 17.7 | 18.5 | 19.6 | 20.8 | 22.0 | 20.2 |
| 125               | 24.1 | 23.7 | 23.0 | 22.1 | 20.9 | 19.9 | 19.0 | 18.4 | 18.0 | 17.8 | 17.4 | 17.6 | 17.7 | 18.2 | 18.8 | 19.7 | 20.7 | 21.8 | 19.8 |
| 130               | 24.4 | 24.1 | 23.4 | 22.6 | 21.5 | 20.7 | 19.8 | 19.4 | 18.9 | 18.7 | 18.3 | 18.4 | 18.4 | 18.8 | 19.3 | 20.0 | 20.8 | 21.8 | 19.7 |
| 135               | 24.9 | 24.7 | 24.0 | 23.3 | 22.3 | 21.6 | 20.8 | 20.4 | 19.8 | 19.6 | 19.2 | 19.1 | 19.2 | 19.5 | 19.8 | 20.4 | 21.2 | 22.2 | 19.8 |
| 140               | 25.5 | 25.3 | 24.7 | 24.1 | 23.2 | 22.6 | 21.9 | 21.5 | 20.9 | 20.6 | 20.2 | 20.0 | 20.1 | 20.3 | 20.5 | 21.0 | 21.7 | 22.7 | 20.3 |
| 145               | 26.4 | 26.1 | 25.5 | 25.0 | 24.2 | 23.7 | 23.1 | 22.7 | 22.1 | 21.8 | 21.3 | 21.0 | 21.0 | 21.2 | 21.4 | 21.8 | 22.5 | 23.5 | 21.4 |
| 150               | 27.5 | 27.1 | 26.5 | 26.1 | 25.4 | 25.0 | 24.4 | 24.0 | 23.5 | 23.1 | 22.6 | 22.2 | 22.1 | 22.3 | 22.5 | 22.8 | 23.4 | 24.4 | 23.3 |
| 155               | 28.3 | 28.1 | 27.5 | 27.3 | 26.7 | 26.4 | 25.8 | 25.5 | 24.9 | 24.6 | 24.0 | 23.6 | 23.4 | 23.5 | 23.6 | 23.8 | 24.4 | 25.2 | 25.0 |
| 160               | 29.0 | 29.0 | 28.6 | 28.5 | 28.0 | 27.8 | 27.3 | 27.0 | 26.4 | 26.0 | 25.5 | 25.1 | 24.7 | 24.9 | 24.8 | 25.0 | 25.4 | 26.0 | 26.6 |
| 165               | 29.5 | 29.8 | 29.6 | 29.6 | 29.3 | 29.2 | 28.7 | 28.4 | 27.8 | 27.4 | 26.8 | 26.5 | 26.1 | 26.1 | 26.0 | 26.1 | 26.3 | 26.7 | 28.0 |
| 170               | 30.1 | 30.4 | 30.4 | 30.5 | 30.3 | 30.3 | 29.9 | 29.7 | 29.0 | 28.6 | 28.0 | 27.8 | 27.3 | 27.3 | 27.1 | 27.0 | 27.0 | 27.2 | 29.0 |
| 175               | 30.4 | 30.9 | 30.9 | 31.2 | 31.1 | 31.2 | 30.8 | 30.6 | 30.0 | 29.6 | 29.1 | 28.9 | 28.3 | 28.2 | 28.0 | 27.8 | 27.6 | 27.6 | 30.2 |
| 180               | 30.4 | 31.0 | 31.1 | 31.6 | 31.5 | 31.7 | 31.4 | 31.2 | 30.5 | 30.3 | 29.7 | 29.6 | 29.1 | 28.9 | 28.5 | 28.2 | 27.8 | 27.6 | 30.6 |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: JACK  
Test Date: 01 December 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 63.0%  
Test Distance: 11.870m [K=1.0000]  
Remarks:



NEXTLITE PRODUCTS



**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                       |                        |                  |
|-----------------------|------------------------|------------------|
| NAME: NX-ST10 NEXLEDS | TYPE: LED STREET LIGHT | WEIGHT:          |
| SPEC.:                | DIM.:                  | SERIAL No.:      |
| MFR.: NEXLEDS         | SUR.: 15X25            | Shielding Angle: |

Table--2

UNIT: x10cd

| C (DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  | 831  |  |  |
| 5                  | 818  | 810  | 803  | 796  | 791  | 787  | 783  | 782  | 782  | 783  | 785  | 790  | 796  | 802  | 810  | 819  | 828  |  |  |
| 10                 | 808  | 791  | 776  | 761  | 750  | 741  | 735  | 732  | 733  | 736  | 741  | 749  | 761  | 774  | 791  | 809  | 828  |  |  |
| 15                 | 798  | 773  | 748  | 728  | 712  | 699  | 690  | 685  | 686  | 689  | 696  | 709  | 726  | 747  | 772  | 800  | 831  |  |  |
| 20                 | 787  | 753  | 722  | 694  | 672  | 656  | 646  | 640  | 641  | 645  | 655  | 669  | 691  | 718  | 752  | 790  | 834  |  |  |
| 25                 | 776  | 732  | 693  | 658  | 632  | 614  | 604  | 600  | 603  | 608  | 618  | 634  | 657  | 689  | 731  | 781  | 837  |  |  |
| 30                 | 763  | 711  | 662  | 621  | 592  | 576  | 568  | 565  | 569  | 575  | 585  | 600  | 625  | 660  | 709  | 770  | 838  |  |  |
| 35                 | 748  | 686  | 629  | 585  | 557  | 542  | 535  | 534  | 539  | 545  | 554  | 568  | 593  | 630  | 684  | 755  | 835  |  |  |
| 40                 | 728  | 656  | 593  | 549  | 521  | 507  | 501  | 500  | 506  | 511  | 519  | 533  | 558  | 596  | 653  | 733  | 827  |  |  |
| 45                 | 701  | 619  | 552  | 507  | 481  | 467  | 460  | 459  | 463  | 468  | 477  | 491  | 516  | 555  | 615  | 703  | 810  |  |  |
| 50                 | 666  | 572  | 500  | 455  | 428  | 414  | 403  | 403  | 407  | 412  | 420  | 435  | 463  | 502  | 564  | 662  | 782  |  |  |
| 55                 | 617  | 510  | 433  | 392  | 364  | 348  | 337  | 335  | 337  | 341  | 350  | 367  | 395  | 434  | 497  | 603  | 739  |  |  |
| 60                 | 550  | 430  | 350  | 305  | 281  | 270  | 266  | 265  | 266  | 270  | 276  | 287  | 308  | 344  | 409  | 521  | 674  |  |  |
| 65                 | 458  | 325  | 233  | 192  | 178  | 180  | 189  | 196  | 195  | 199  | 198  | 197  | 203  | 226  | 284  | 412  | 581  |  |  |
| 70                 | 342  | 195  | 130  | 128  | 121  | 116  | 123  | 132  | 133  | 135  | 132  | 126  | 134  | 147  | 157  | 267  | 458  |  |  |
| 75                 | 200  | 90.2 | 85.4 | 86.8 | 77.9 | 73.2 | 72.8 | 79.1 | 80.3 | 82.7 | 79.0 | 81.9 | 89.5 | 103  | 103  | 130  | 302  |  |  |
| 80                 | 63.9 | 47.0 | 48.6 | 47.6 | 42.8 | 39.8 | 36.4 | 36.7 | 37.4 | 39.4 | 40.5 | 46.3 | 52.4 | 61.1 | 65.5 | 66.3 | 123  |  |  |
| 85                 | 25.2 | 25.4 | 24.5 | 23.8 | 22.1 | 20.3 | 17.5 | 15.5 | 15.2 | 16.4 | 18.7 | 23.2 | 26.6 | 30.4 | 33.2 | 34.8 | 35.8 |  |  |
| 90                 | 21.8 | 21.1 | 20.0 | 18.7 | 17.5 | 16.4 | 15.5 | 14.8 | 14.8 | 15.0 | 15.8 | 16.5 | 17.5 | 18.6 | 19.6 | 20.9 | 21.9 |  |  |
| 95                 | 21.4 | 20.6 | 19.7 | 18.6 | 17.5 | 16.5 | 15.7 | 15.2 | 15.2 | 15.4 | 16.0 | 16.6 | 17.3 | 17.9 | 18.7 | 19.7 | 20.7 |  |  |
| 100                | 21.0 | 20.3 | 19.4 | 18.5 | 17.6 | 16.8 | 16.1 | 15.6 | 15.7 | 15.9 | 16.5 | 16.9 | 17.4 | 17.8 | 18.3 | 19.1 | 20.1 |  |  |
| 105                | 20.7 | 20.1 | 19.4 | 18.5 | 17.7 | 17.1 | 16.5 | 16.1 | 16.3 | 16.5 | 17.0 | 17.2 | 17.5 | 17.6 | 18.0 | 18.6 | 19.4 |  |  |
| 110                | 20.7 | 20.4 | 19.9 | 18.9 | 18.0 | 17.3 | 17.0 | 16.7 | 16.9 | 17.1 | 17.5 | 17.5 | 17.5 | 17.5 | 18.2 | 18.7 | 19.1 |  |  |
| 115                | 20.5 | 20.4 | 19.9 | 19.1 | 18.4 | 17.7 | 17.3 | 17.3 | 17.5 | 17.7 | 17.9 | 17.8 | 17.8 | 17.9 | 18.4 | 18.8 | 18.9 |  |  |
| 120                | 20.1 | 20.0 | 19.7 | 19.3 | 18.8 | 18.1 | 17.8 | 18.0 | 18.2 | 18.3 | 18.4 | 18.2 | 18.4 | 18.5 | 18.5 | 18.5 | 18.2 |  |  |
| 125                | 19.7 | 19.6 | 19.5 | 19.2 | 18.8 | 18.5 | 18.9 | 19.0 | 19.1 | 19.1 | 19.3 | 19.1 | 19.2 | 18.9 | 18.5 | 18.1 | 17.6 |  |  |
| 130                | 19.6 | 19.5 | 19.2 | 18.9 | 18.9 | 19.2 | 20.0 | 20.0 | 20.1 | 20.2 | 20.3 | 20.0 | 19.8 | 19.2 | 18.5 | 17.6 | 16.9 |  |  |
| 135                | 19.8 | 19.7 | 19.4 | 19.2 | 19.5 | 20.1 | 20.8 | 20.6 | 20.8 | 20.8 | 21.0 | 20.6 | 20.1 | 19.3 | 18.5 | 17.5 | 16.6 |  |  |
| 140                | 20.3 | 20.4 | 20.4 | 20.4 | 20.7 | 21.1 | 21.3 | 21.0 | 21.1 | 21.1 | 21.2 | 20.9 | 20.4 | 19.6 | 18.7 | 17.7 | 17.0 |  |  |
| 145                | 21.8 | 22.6 | 23.0 | 22.5 | 22.4 | 22.5 | 22.2 | 21.7 | 21.6 | 21.5 | 21.6 | 21.3 | 21.0 | 20.5 | 19.9 | 18.9 | 18.0 |  |  |
| 150                | 24.4 | 25.5 | 25.9 | 25.3 | 24.4 | 23.7 | 23.3 | 22.7 | 22.5 | 22.2 | 22.3 | 22.1 | 22.1 | 22.3 | 22.3 | 21.5 | 20.2 |  |  |
| 155                | 26.0 | 27.2 | 27.7 | 27.3 | 26.4 | 25.0 | 24.3 | 23.7 | 23.4 | 23.0 | 23.0 | 22.9 | 23.6 | 24.1 | 24.2 | 23.5 | 22.2 |  |  |
| 160                | 27.3 | 28.2 | 28.7 | 28.6 | 28.1 | 27.1 | 26.2 | 25.4 | 25.0 | 24.6 | 24.9 | 25.1 | 25.6 | 25.6 | 25.6 | 24.9 | 23.8 |  |  |
| 165                | 28.4 | 29.1 | 29.5 | 29.6 | 29.4 | 28.8 | 28.3 | 27.6 | 27.3 | 27.0 | 27.2 | 27.2 | 27.3 | 27.0 | 26.6 | 25.9 | 25.0 |  |  |
| 170                | 29.3 | 29.9 | 30.2 | 30.3 | 30.3 | 30.0 | 29.7 | 29.2 | 29.0 | 28.6 | 28.7 | 28.4 | 28.3 | 27.8 | 27.3 | 26.7 | 26.0 |  |  |
| 175                | 30.5 | 30.9 | 31.1 | 31.2 | 31.3 | 31.1 | 30.8 | 30.3 | 30.1 | 29.8 | 29.7 | 29.3 | 28.9 | 28.5 | 28.1 | 27.6 | 27.2 |  |  |
| 180                | 30.9 | 31.3 | 31.5 | 31.6 | 31.6 | 31.4 | 31.2 | 30.6 | 30.2 | 29.8 | 29.6 | 29.1 | 28.9 | 28.5 | 28.2 | 27.8 | 27.6 |  |  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 01 December 2025

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.870m [K=1.0000]  
 Remarks: