

NDU1104ESE series

High reliability and low thermal resistance LED adopting an AlN substrate and anti-UV silicone resin.

Thanks to its low thermal resistance characteristics, it achieved an even higher quality than other companies' products.

■ Features

- Size 3.5x3.5 t=2.05mm
- Wavelength 365, 385, 395, 405nm
- High efficiency, low thermal resistance
- Lifetime 10,000hr (L70)

■ Applications

- Curing (UV printers, resin curing devices)
- Deodorization by photocatalysis
- Inspection, analysis devices

■ Specification

(Ta=25°C)

Item	NDU1104ESE -365	NDU1104ESE -385	NDU1104ESE -395	NDU1104ESE -405
Wavelength (nm)	365	385	395	405
Output power (mW)	950	1,100	1,100	1,100
Forward voltage (V)	3.60	3.40	3.40	3.40
Forward current (mA)	500	500	500	500
Light distribution (deg.)	130	130	130	130
Thermal resistance (K/W)	3.0	3.0	3.0	3.0

This document was submitted in Oct .2018

STANLEY ELECTRIC Co.,Ltd.

<https://www.stanley.co.jp/e/product/>

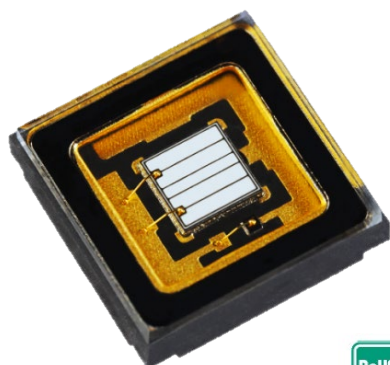
Contact

Germany : Stanley Electric GmbH
 UK : Stanley Electric (U.K.) Co., Ltd.
 France : STANLEY-IDESS S.A.S.
 Web : <https://www.stanley.co.jp/e/inquiry/>

Waldecker Strasse 5 D-64546 Moerfelden-Walldorf, Germany, EU
 The Columbia Centre, Station Road, Bracknell, Berkshire RG12 1PL, U.K.
 41, rue des Trois Fontanot, 92000 Nanterre, France

(Tel: 49-6105-930530 Fax: 49-6105-930555)
 (Tel: 44-1344-830450 Fax: 44-1344-830496)
 (Tel: 33-1-4781-8585 Fax: 33-1-4786-0916)

Near UV-LED Device High-Power Type



NEU1103EAE series

High reliability and long lifetime achieved thanks to hermetically sealed package.

A high-power UVA LED, strong against humidity and outgassing.

■ Features

- Size 4.3x4.3 t=1.1mm
- Wavelength 365, 385, 395, 405nm
- High reliability and long lifetime with hermetically sealed package

■ Applications

- Curing
(UV printers, resin curing devices, etc.)
- Inspection, analysis devices

■ Specification

(Ta=25°C)

Item	NEU1103EAE -365	NEU1103EAE -385	NEU1103EAE -395	NEU1103EAE -405
Wavelength (nm)	365	385	395	405
Output power (mW)	1,400	1,600	1,600	1,600
Forward voltage (V)	3.70	3.60	3.40	3.40
Forward current (mA)	1,000	1,000	1,000	1,000
Light distribution (deg.)	115	115	115	115
Thermal resistance (K/W)	3.5	3.5	3.5	3.5

This document was submitted in Oct .2018

STANLEY ELECTRIC Co.,Ltd.

<https://www.stanley.co.jp/e/product/>

Contact

Germany :Stanley Electric GmbH
 UK :Stanley Electric (U.K.) Co., Ltd.
 France :STANLEY-IDESS S.A.S.
 Web :https://www.stanley.co.jp/e/inquiry/

Waldecker Strasse 5 D-64546 Moerfelden-Walldorf, Germany, EU
 The Columbia Centre, Station Road, Bracknell, Berkshire RG12 1PL, U.K.
 41, rue des Trois Fontanot, 92000 Nanterre, France

(Tel: 49-6105-930530 Fax: 49-6105-930555)
 (Tel: 44-1344-830450 Fax: 44-1344-830496)
 (Tel: 33-1-4781-8585 Fax: 33-1-4786-0916)