# Tide - Recessed Version - High Efficiency

*TIDE DASYM 93 3K RECESS DALI*

**2059825**



**Product features**

- Linear LED Luminaire for lighting of large wall surfaces and artifacts in art galleries and museums providing outstanding horizontal and vertical uniformity combined with high colour rendering index. Light distribution: Double Asymmetric, color temperature: 3000K , total system power: 27W, total fixture output: 1934lm, luminaire efficacy: 72lm/W, LOR: 100%, colour rendering index: 90 (93 typical), LED Chromaticity: 3 step MacAdam ellipse tolerance, lifetime: 60000 hours at L70B50, energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, DALI, power factor: 0.9, electrical protection: Class I, Recessed Ceiling installation, ingress protection rating: IP20 , suitable for internal environment only, dimensions: 604x37x39mm, the housing is made of Aluminium in White - RAL9016 color, Net weight is 0.90kg.

## PRODUCT OVERVIEW

| | |
|---|---|
| **IPC Code** | 2059825 |
| **Product name** | TIDE DASYM 93 3K RECESS DALI |
| **Technology** | LED |
| **Housing** | Aluminium |
| **Mount** | Recessed |
| **Fixture rating** | Enclosed |
| **General application** | Hospitality,Museums & Galleries, |
| **Certifications** | EUNEW009 |
| **ETIM Class** | EC001744 |
| **Fixture luminous flux (lm)** | 1934 |
| **Luminaire efficacy (lm/W)** | 72 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 3000 |
| **Light colour** | Warm White |
| **CRI (Ra)** | 90 |
| **Colour Variation Initial (SDCM)** | 3 |
| **Photobiological Risk Group** | RG0 |
| **Total power consumption (W)** | 27 |
| **Electrical protection** | Class I |
| **Control gear type** | DALI |
| **Control gear mounting** | Remote |
| **Dimmable** | Y |
| **Housing colour** | White - RAL9016 |
| **IP rating** | IP20 |
| **IK rating** | IK02 |
| **Product EAN number** | 5025768598250 |
| **Lamps** | No |
| **Included lamp** | Integrated LED |

## DATA TABLE

### General data

| | |
|---|---|
| **IPC Code** | 2059825 |



© Feilo Sylvania | Date Printed: 06 Dec 2018

# Tide - Recessed Version - High Efficiency

*TIDE DASYM 93 3K RECESS DALI*

2059825

| | |
|---|---|
| **Product name** | TIDE DASYM 93 3K RECESS DALI |
| **Technology** | LED |
| **Housing** | Aluminium |
| **Mount** | Recessed |
| **Fixture rating** | Enclosed |
| **General application** | Hospitality,Museums & Galleries, |
| **Certifications** | EUNEW009 |
| **ETIM Class** | EC001744 |

## Optical data

| | |
|---|---|
| **Fixture luminous flux (lm)** | 1934 |
| **Luminaire efficacy (lm/W)** | 72 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 3000 |
| **Light colour** | Warm White |
| **CRI (Ra)** | 90 |
| **Colour Variation Initial (SDCM)** | 3 |
| **Distribution type** | Double Asymmetric |
| **Photobiological Risk Group** | RG0 |

## Electrical data

| | |
|---|---|
| **Total power consumption (W)** | 27 |
| **Mains voltage (V)** | 220-240V~ |
| **Lamp power factor** | 0.9 |
| **Electrical protection** | Class I |
| **Control gear required** | Yes |
| **Control gear type** | DALI |
| **Control gear mounting** | Remote |
| **Dimmable** | Y |
| **Drive current (mA)** | 350 |
| **Inrush Current (A)** | 20 |
| **Inrush Duration (µs)** | 400 |
| **Glow Wire Test (°C)** | 650 |
| **Nominal Frequency (Hz)** | 50/60Hz |
| **Max. Luminaires per 10A C Breaker** | 15 |
| **Max. Luminaires per 16A C Breaker** | 25 |
| **Max. Luminaires per 16A B Breaker** | 15 |

## Lifetime data

| | |
|---|---|
| **Lumen maintenance - L70 B50** | 60000 |
| **Lumen maintenance - L80 B50** | 60000 |
| **Lumen maintenance - L90 B50** | 60000 |

## Physical data

| | |
|---|---|
| **Housing colour** | White - RAL9016 |
| **IP rating** | IP20 |
| **IK rating** | IK02 |
| **Diffuser finish** | Clear |
| **Diffuser material** | Polycarbonate |



© Feilo Sylvania | Date Printed: 06 Dec 2018

# Tide - Recessed Version - High Efficiency

*TIDE DASYM 93 3K RECESS DALI*

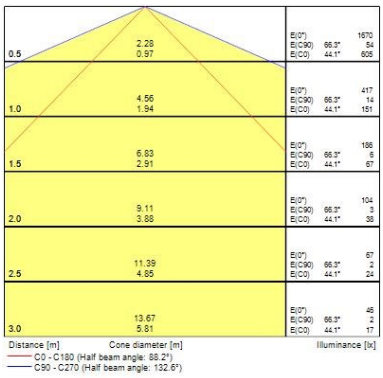
**2059825**

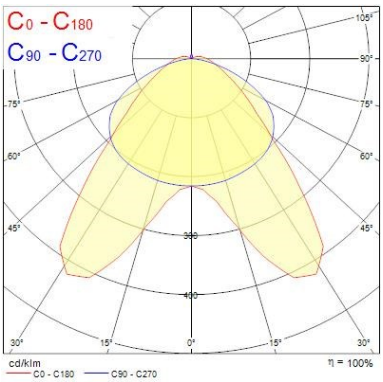
| | |
|---|---|
| **Nominal Product Length (mm)** | 604 |
| **Nominal Product Width (mm)** | 37 |
| **Nominal Product Height (mm)** | 39 |
| **Weight (kg)** | 0.9 |

### Packaging

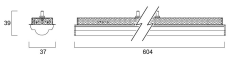
| | |
|---|---|
| **Single packaging type** | Carton |
| **Product EAN number** | 5025768598250 |
| **Packaging single length / height (cm)** | 64.0 |
| **Packaging single width (cm)** | 18.0 |
| **Packaging single depth (cm)** | 9.0 |
| **DUN14 (outer)** | 05025768598250 |
| **Units per outer package** | 1 |
| **Packaging outer length / height (cm)** | 64.0 |
| **Packaging outer width (cm)** | 18.0 |
| **Packaging outer depth (cm)** | 9.0 |

## PHOTOMETRY




## TECHNICAL DRAWINGS



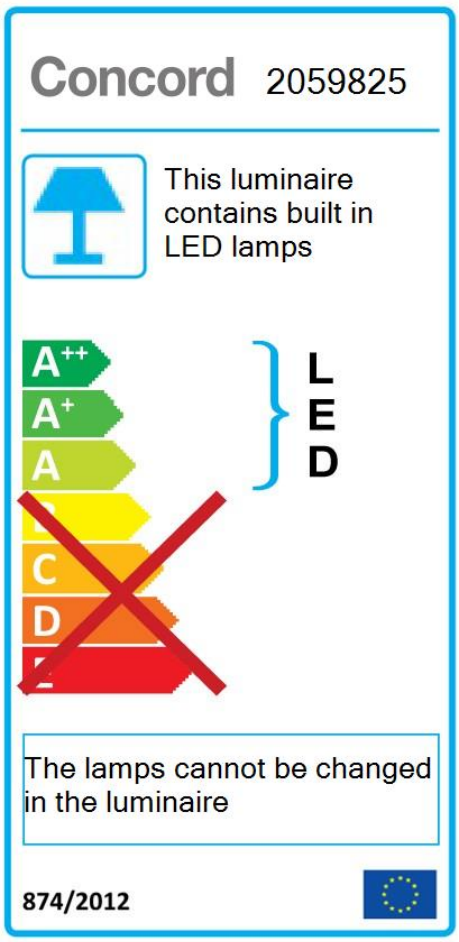


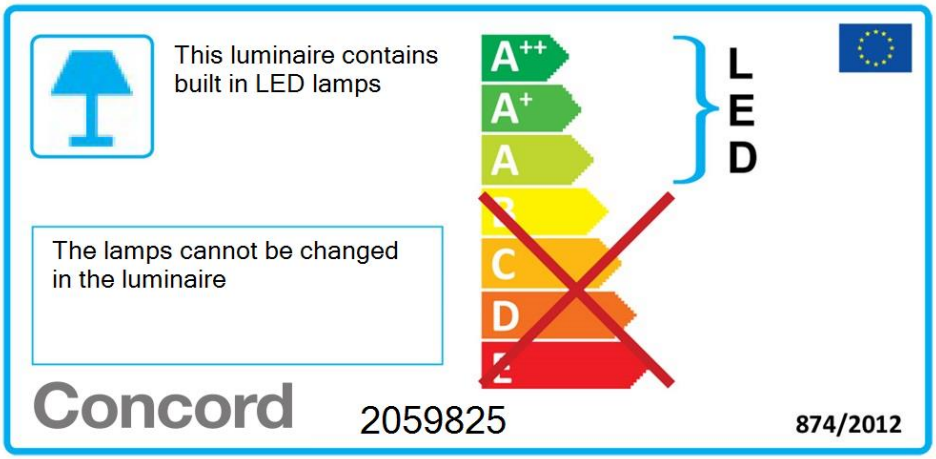
© Feilo Sylvania | Date Printed: 06 Dec 2018

# Tide - Recessed Version - High Efficiency

*TIDE DASYM 93 3K RECESS DALI*

**2059825**






© Feilo Sylvania | Date Printed: 06 Dec 2018