

## Tide - Recessed Version - High Efficiency

### TIDE ASYM 93 4K RECESS DALI

### 2059819



#### 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: Asymmetric, color temperature: 4000K , total system power: 27W, total fixture output: 2021lm, luminaire efficacy: 75lm/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	2059819
Product name	TIDE ASYM 93 4K 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)	2021
Luminaire efficacy (lm/W)	75
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral 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	5025768598199
Lamps	No
Included lamp	Integrated LED

#### DATA TABLE

##### General data

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<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Recessed
<b>Fixture rating</b>	Enclosed
<b>General application</b>	Hospitality, Museums & Galleries,
<b>Certifications</b>	EUNEW009
<b>ETIM Class</b>	EC001744

#### Optical data

<b>Fixture luminous flux (lm)</b>	2021
<b>Luminaire efficacy (lm/W)</b>	75
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	90
<b>Colour Variation Initial (SDCM)</b>	3
<b>Distribution type</b>	Asymmetric
<b>Photobiological Risk Group</b>	RG0

#### Electrical data

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

#### Lifetime data

<b>Lumen maintenance - L70 B50</b>	60000
<b>Lumen maintenance - L80 B50</b>	60000
<b>Lumen maintenance - L90 B50</b>	60000

#### Physical data

<b>Housing colour</b>	White - RAL9016
<b>IP rating</b>	IP20
<b>IK rating</b>	IK02
<b>Diffuser finish</b>	Clear
<b>Diffuser material</b>	Acrylic

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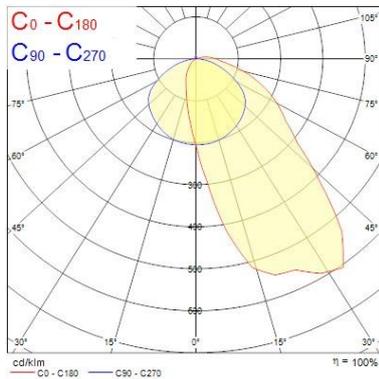
*TIDE ASYM 93 4K RECESS DALI*  
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Nominal Product Length (mm)	604
Nominal Product Width (mm)	37
Nominal Product Height (mm)	39
Weight (kg)	0.9

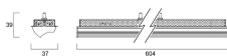
### Packaging

Single packaging type	Carton
Product EAN number	5025768598199
Packaging single length / height (cm)	64.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05025768598199
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

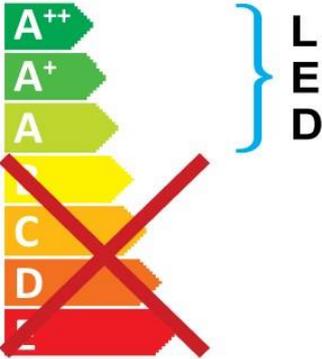


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**Concord** 2059819

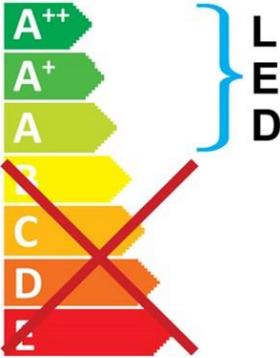
 This luminaire contains built in LED lamps



The lamps cannot be changed in the luminaire

874/2012 

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**Concord** 2059819 

874/2012