

## Tide - Recessed Version - High Output

### TIDE HO DASYM 93 3K RECESS DALI

### 2059853



#### 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: 40W, total fixture output: 2493lm, luminaire efficacy: 62lm/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	2059853
Product name	TIDE HO 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)	2493
Luminaire efficacy (lm/W)	62
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)	40
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	5025768598533
Lamps	No
Included lamp	Integrated LED

#### DATA TABLE

##### General data

IPC Code	2059853
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Technology	LED
Housing	Aluminium
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Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries,
Certifications	EUNEW009
ETIM Class	EC001744

#### Optical data

Fixture luminous flux (lm)	2493
Luminaire efficacy (lm/W)	62
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)	40
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)	500
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

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### TIDE HO DASYM 93 3K RECESS DALI

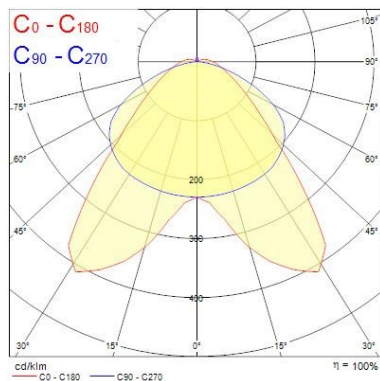
### 2059853

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	5025768598533
Packaging single length / height (cm)	64.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05025768598533
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



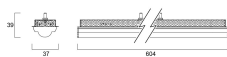
Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	2.17	0.97	2290
1.0	4.35	1.93	573
1.5	6.52	2.90	254
2.0	8.70	3.86	143
2.5	10.87	4.83	92
3.0	13.04	5.79	64

Distance [m] Cone diameter [m] Beam diameter [m] Illuminance [lx]

C0 - C180 (Half beam angle: 88.0°)

C90 - C270 (Half beam angle: 130.6°)

## TECHNICAL DRAWINGS



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