

## Tide - Recessed Version - High Efficiency

### TIDE DASYM 93 4K RECESS

### 2059826



#### 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: 4000K , total system power: 27W, total fixture output: 1973lm, luminaire efficacy: 73lm/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, Switched, 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	2059826
Product name	TIDE DASYM 93 4K RECESS
Technology	LED
Housing	Aluminium
Mount	Recessed
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries,
Certifications	EUNEW009
ETIM Class	EC001744
Fixture luminous flux (lm)	1973
Luminaire efficacy (lm/W)	73
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	Electronic
Control gear mounting	Remote
Dimmable	N
Housing colour	White - RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768598267
Lamps	No
Included lamp	Integrated LED

#### DATA TABLE

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#### General data

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Product name	TIDE DASYM 93 4K RECESS
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)	1973
Luminaire efficacy (lm/W)	73
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral 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	Electronic
Control gear mounting	Remote
Dimmable	N
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

## Tide - Recessed Version - High Efficiency

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Diffuser finish	Clear
Diffuser material	Polycarbonate
Nominal Product Length (mm)	604
Nominal Product Width (mm)	37
Nominal Product Height (mm)	39
Weight (kg)	0.9

#### Packaging

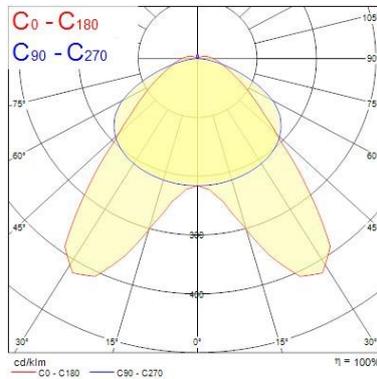
Single packaging type	Carton
Product EAN number	5025768598267
Packaging single length / height (cm)	64.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05025768598267
Units per outer package	1
Packaging outer length / height (cm)	64.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	9.0

## PHOTOMETRY

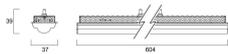
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.29 0.97	E(0°) 1704 E(C90) 66 E(C0) 613
1.0	4.58 1.94	E(0°) 426 E(C90) 14 E(C0) 153
1.5	6.87 2.92	E(0°) 189 E(C90) 8 E(C0) 68
2.0	9.16 3.89	E(0°) 107 E(C90) 5 E(C0) 38
2.5	11.44 4.86	E(0°) 68 E(C90) 3 E(C0) 25
3.0	13.73 5.83	E(0°) 47 E(C90) 2 E(C0) 17

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

— C0 - C180 (Half beam angle: 88.4°)  
— C90 - C270 (Half beam angle: 132.8°)



## TECHNICAL DRAWINGS



## Tide - Recessed Version - High Efficiency *TIDE DASYM 93 4K RECESS* 2059826

**Concord** 2059826

 This luminaire contains built in LED lamps

 } **LED**

The lamps cannot be changed in the luminaire

874/2012 

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**Concord** 2059826  874/2012