

## Tide - Track Version - High Efficiency

TIDE DASYM 93 3K L3+DALI  
2059813



### 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: 0.98, electrical protection: Class I, Lytespan 3 - Three Circuit Adaptor, ingress protection rating: IP20 , suitable for internal environment only, dimensions: 604x37x46mm, the housing is made of Aluminium in White - RAL9016 color, Net weight is 0.82kg.



### PRODUCT OVERVIEW

IPC Code	2059813
Product name	TIDE DASYM 93 3K L3+DALI
Technology	LED
Housing	Aluminium
Mount	L3 Track
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	Integral
Dimmable	Y
Housing colour	White - RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768598137
Lamps	No
Included lamp	Integrated LED

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### DATA TABLE

#### General data

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Product name	TIDE DASYM 93 3K L3+DALI
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)	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	0.98
Electrical protection	Class I
Control gear required	Yes
Control gear type	DALI
Control gear mounting	Integral
Dimmable	Y
Drive current (mA)	350
Inrush Current (A)	20
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	33
Max. Luminaires per 16A C Breaker	55

#### Lifetime data

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

#### Physical data

Housing colour	White - RAL9016
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## Tide - Track Version - High Efficiency

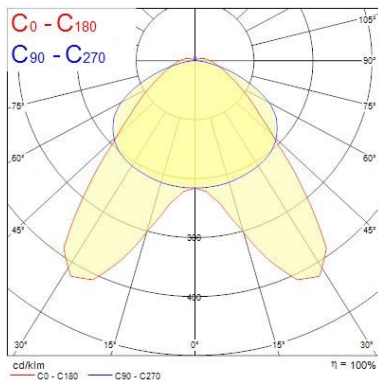
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IP rating	IP20
IK rating	IK02
Diffuser finish	Clear
Diffuser material	Polycarbonate
Nominal Product Length (mm)	604
Nominal Product Width (mm)	37
Nominal Product Height (mm)	46
Weight (kg)	0.82

### Packaging

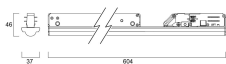
Single packaging type	Carton
Product EAN number	5025768598137
Packaging single length / height (cm)	71.0
Packaging single width (cm)	5.5
Packaging single depth (cm)	5.5
DUN14 (outer)	05025768598137
Units per outer package	1
Packaging outer length / height (cm)	71.0
Packaging outer width (cm)	5.5
Packaging outer depth (cm)	5.5

## PHOTOMETRY




Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	2.28	E(0°) 1670
	0.97	E(C90) 66.3° 54
		E(C0) 44.1° 606
1.0	4.56	E(0°) 417
	1.94	E(C90) 66.3° 14
		E(C0) 44.1° 151
1.5	6.83	E(0°) 186
	2.91	E(C90) 66.3° 6
		E(C0) 44.1° 67
2.0	9.11	E(0°) 104
	3.88	E(C90) 66.3° 3
		E(C0) 44.1° 38
2.5	11.39	E(0°) 67
	4.65	E(C90) 66.3° 2
		E(C0) 44.1° 24
3.0	13.67	E(0°) 46
	5.81	E(C90) 66.3° 1
		E(C0) 44.1° 17


## TECHNICAL DRAWINGS




## Tide - Track Version - High Efficiency *TIDE DASYM 93 3K L3+DALI* 2059813


**Concord** 2059813


 This luminaire contains built in LED lamps

 } LED


The lamps cannot be changed in the luminaire

874/2012 

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**Concord** 2059813 

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