

Tide - Recessed Version - High Output

TIDE HO WIDE 93 3K RECESS DALI
2059849



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: Symmetric, color temperature: 3000K , total system power: 40W, total fixture output: 2397lm, luminaire efficacy: 60lm/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 | 2059849 |
| Product name | TIDE HO WIDE 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) | 2397 |
| Luminaire efficacy (lm/W) | 60 |
| 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 | 5025768598496 |
| Lamps | No |
| Included lamp | Integrated LED |

DATA TABLE

General data

| | |
|----------|---------|
| IPC Code | 2059849 |
|----------|---------|

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Optical data

| | |
|--|------------|
| Fixture luminous flux (lm) | 2397 |
| Luminaire efficacy (lm/W) | 60 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | 3 |
| Distribution type | Symmetric |
| 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 |

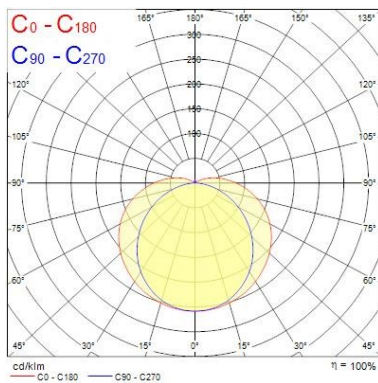
Tide - Recessed Version - High Output TIDE HO WIDE 93 3K RECESS DALI 2059849

| | |
|-----------------------------|-----|
| 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 | 5025768598496 |
| Packaging single length / height (cm) | 64.0 |
| Packaging single width (cm) | 18.0 |
| Packaging single depth (cm) | 9.0 |
| DUN14 (outer) | 05025768598496 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 64.0 |
| Packaging outer width (cm) | 18.0 |
| Packaging outer depth (cm) | 9.0 |

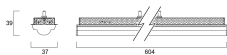
PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 1.95 | 0.57 | 2479 |
| | 3.95 | 1.14 | 267 |
| 1.0 | 2.72 | 0.83 | 620 |
| | 7.90 | 2.46 | 64 |
| 1.5 | 4.08 | 1.24 | 275 |
| | 11.86 | 3.71 | 30 |
| 2.0 | 5.45 | 1.65 | 155 |
| | 15.81 | 4.74 | 18 |
| 2.5 | 6.81 | 2.06 | 99 |
| | 19.76 | 5.93 | 10 |
| 3.0 | 8.17 | 2.47 | 69 |
| | 23.71 | 7.11 | 7 |


Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 151.6°)
 C90 - C270 (Half beam angle: 107.4°)


TECHNICAL DRAWINGS




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Concord 2059849


 This luminaire contains built in LED lamps

 } **LED**


The lamps cannot be changed in the luminaire

874/2012 

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Concord 2059849  874/2012