# PRODUCT DATASHEET
# URBAN FLEX STREET S6 040W 740 RV35ST ZHAGA TOP+BOTTOM NO CABLE UMBRA GREY CLASS 2

URBANFLEX STREET ZHAGA TOP-BOTTOM | For street smart urban lighting with Zhaga Top and Bottom interfaces



PERFOR-MANCE CLASS

## Areas of application

- Outdoor applications
- Public areas
- City roads, industrial roads, parking lots
- Avenues and promenades
- Pedestrian crossings
- Parks
- M-, C- and P-class roads acc. to EN 13201

## Product benefits

- 7 years guarantee
- Durable design and highest quality component selection for long lasting performance
- Corrosion resistance C4: suitable for use in environments with moderate salinity
- Automatic mains disconnection when opening the housing
- 5 light colors available, perfectly suited to illuminate highly diverse surroundings
- ZHAGA standardized PCB
- ZHAGA type of connection for controllers and sensors
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt

## Product features

- Modern minimalistic design
- Very long lifetime (L90/B10): Up to 100,000 h (at 25 °C)


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- Impact resistance: IK10
- Protection rating: IP66
- Luminous efficacy: up to 180 lm/W
- 10 KV surge protection, with replaceable SPD
- Operating temperature: -40...50 °C


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# TECHNICAL DATA

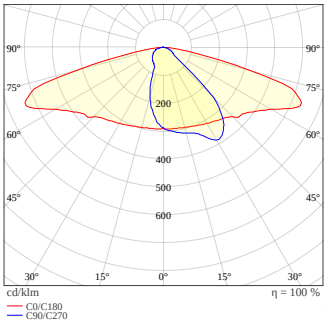
## Electrical data

| | |
|---|---|
| Nominal wattage | 40.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50…60 Hz |
| Nominal current | 175.000 mA |
| Inrush current | 14.6 A |
| Inrush current time $T_{h50}$ | 296 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 15 |
| Max. number of luminaires per miniature circuit breaker C10 | 15 |
| Max. number of luminaires per miniature circuit breaker C16 | 24 |
| Power factor λ | > 0.90 |
| Maximum total harmonic distortion | < 20 % |
| Protection class | II |
| Surge capability (L-N) | 10 kV |
| Operating mode | Integrated LED driver |
| Dimming interface | DALI D4i |

## Photometrical data

| | |
|---|---|
| Luminous flux | 6760 lm |
| Luminous efficacy | 169 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | 70 |
| Standard deviation of color matching | < 5 sdcm |
| Low flicker | Yes |
| Flickering metric (Pst LM) | < 1 |
| Stroboscope effect metric (SVM) | < 0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 156 ° x 67 ° |

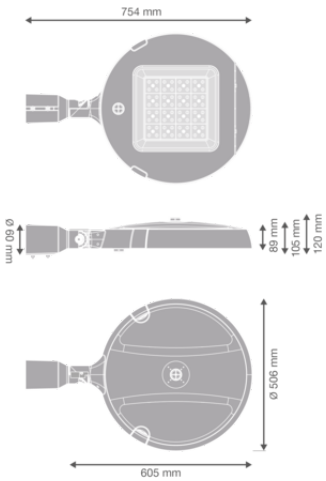

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UFLEXS6P040W
740RV35ST 2
NC0UGC24OX

## Dimensions & Weight

| | |
|---|---|
| Length | 754.00 mm |
| Width | 506.00 mm |
| Height | 120.00 mm |
| Product weight | 9850.00 g |




URBAN FLEX STREET
ZHAGA

## Materials & Colors

| | |
|---|---|
| Product color | Umbra grey |


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| | |
|---|---|
| Housing color | Umbra grey |
| RAL Color (most similar) | RAL 7022 |
| Body material | Aluminum [1)] |
| Cover material | Glass |
| Light emitting surface material | Glass |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

1) Low copper

## Application & Mounting

| | |
|---|---|
| Ambient temperature range | -40…+50 °C |
| Temperature range at storage | -40…+80 °C |
| Type of connection | Screwless terminal, 2-Pole (L, N) |
| Type of protection | IP66 |
| Protection class IK (shock resistance) | IK10 |
| Corrosion resistance class acc. to EN 12944 | C4 |
| Dimmable | Yes |
| Type of dimming | DALI D4i |
| Mounting type | Side entry\|post top |
| Mounting location | Pole |
| Application environment | Outdoor |
| Mechanically adjustable | Yes |
| With light source | Yes |
| Replaceable light source | Yes |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 100000 h [1)] |
| Lifespan L80/B10 at 25 °C | 100000 h [1)] |
| Lifespan L80/B50 at 25 °C | 100000 h |
| Lifespan L90/B10 at 25 °C | 100000 h [1)] |
| Number of switching cycles | 100000 |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Control gear

| | |
|---|---|
| Output current | 850 mA |
| Output ripple current (100 Hz) | < 15 % |


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## Certificates & Standards

| | |
|---|---|
| Standards | CE / UKCA / EAC / ENEC / ENEC+ / ZD4i |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Only by an expert |

## Additional product data

| | |
|---|---|
| Product remark | Standard 60 mm spigot, with 76 mm available on request. |

## Components for light control

Components Light Control

| Product image | Product name | EAN |
|---|---|---|
|  | MANUAL CONTROL UNIT GROUP DALI-2 TW | 4099854748691 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 | 4058075837485 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 TW | 4058075837508 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW | 4058075837522 |
|  | MANUAL CONTROL UNIT TOUCH DALI-2 TW | 4058075837560 |
|  | MANUAL CONTROL UNIT TOUCH DALI-2 | 4058075837546 |
|  | PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW | 4058075837584 |


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| Product image | Product name | EAN |
|---|---|---|
|  | PUSH CONTROL UNIT FM DALI-2 DIM | 4099854846922 |
|  | SURFACE MOUNT FRAME | 4058075843561 |
|  | PUSHBUTTON COUPLER DALI-2 | 4058075837607 |
|  | FLEX CONTROL UNIT IOT DALI-2 HCL TW | 4058075841888 |
|  | FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW | 4058075841901 |
|  | FLEX CONTROL UNIT DALI-2 TW | 4058075843844 |
|  | FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW | 4058075841925 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION | 4058075837621 |
|  | SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6 | 4099854748714 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION | 4058075841949 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION | 4058075843868 |


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| Product image | Product name | EAN |
|---|---|---|
|  | SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING | 4058075843882 |
|  | HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING | 4058075857537 |
|  | DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM | 4058075843905 |
|  | RELAY DALI-2 RAIL MOUNTING | 4099854709159 |
|  | RELAY DALI-2 CEILING MOUNTING | 4099854709135 |
|  | REPEATER DALI-2 RAIL MOUNTING | 4099854709111 |
|  | REPEATER DALI-2 CEILING MOUNTING | 4099854709098 |

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | STREET ROUND UFLEXS |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | UFLEX |


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| | Documents and certificates | Document name |
|---|---|---|
| PDF | Legal information | SL COMPACT DIM |
| PDF | Legal information | UFLEX STREET ROUND |
| PDF | Declarations of conformity | UFLEX |
| PDF | Declarations of conformity UKCA | UFLEX |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | UFLEXS6P040W 740RV35ST 2 NC0UGC24OX |
| LDT | LDT file (Eulumdat) | UFLEXS6P040W 740RV35ST 2 NC0UGC24OX |
| | Light distribution curve type polar | UFLEXS6P040W 740RV35ST 2 NC0UGC24OX |

| | CAD/BIM files | Document name |
|---|---|---|
| RFA | BIM Revit 3D | Urban Flex Spigot |
| STEP | CAD STEP 3D | UB FLEX SPIGOT |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854796272 | Shipping box<br>1 | 665 mm x 665 mm x 170 mm | 11547.00 g | 75.18 $dm^3$ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## References / Links

– For Guarantee see www.ledvance.com/guarantee

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