

GIOTTO TUNNEL

Technical Data Sheet



PRODUCT FEATURES

| | |
|--|---|
| Application | Compact projector for lighting tunnels and underpasses, prepared for i Zhaga remote control systems |
| Control system | Z - Zhaga |
| Service environment temperature | -30° ÷ +50° |
| Storage room temperature | -40° ÷ +80° |
| Certifications | CE, RoHS, EN60598-1, EN60598-2-3 |
| System efficacy | Up to 145 lm/W |

MECHANICAL FEATURES

| | |
|---------------------------|---|
| Body | Die-cast aluminum EN 44300 |
| Total weight | 3,5 kg |
| Ingress protection | IP66 |
| Shock protection | IK08 |
| Painting | Polyester powder paint |
| Gasket | Silicone based gasket |
| Color | Anthracite |
| Diffuser | 4 mm extra clear tempered glass |
| External screws | Stainless steel A2 |
| Brackets | Stainless steel AISI 304 |
| Mounting | L-Wall or ceiling mounting; T-tool-less cable tray mounting Standard 100x75/200x75/300x75 |

DRIVER FEATURE

| | |
|---------------------------------|--|
| Voltage | 220÷240 V ac |
| Frequency | 50/60 Hz |
| Electrical safety class | II |
| Power factor (full-load) | > 0,90 |
| Lifetime | > 100.000 hours |
| Cable | FTG180M16 – 2 x 1,5 mm ² with plug CEE IP67 2P+T 16A |
| Surge protection | 10 kV com - 6 kV diff |

LED MODULE FEATURE

| | |
|------------------------------------|---|
| Color temperature | 4000 K (other available under request) |
| Color rendering index | > 70 (80 optional) |
| LEDs' chromatic positioning | MacAdam step ≤ 5 |
| Lifetime L80B10 | > 120.000 hours (25°C T amb) |
| Optic system | Aluminum reflection optics pure multilayer with silver layer. reflectivity index of 98% |

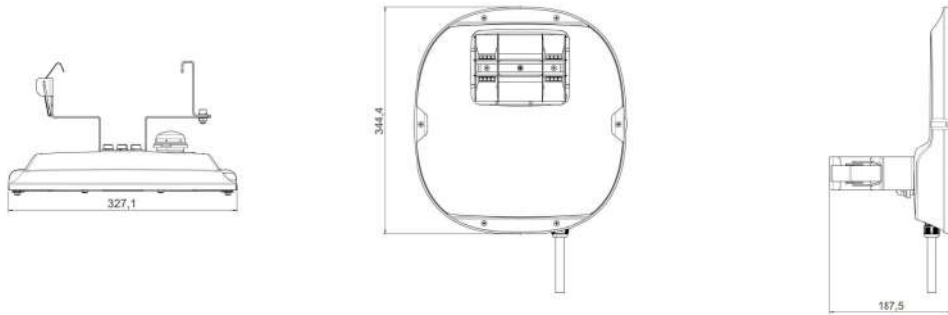
Visit www.ariannaled.com for the complete list of certified products.

Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice

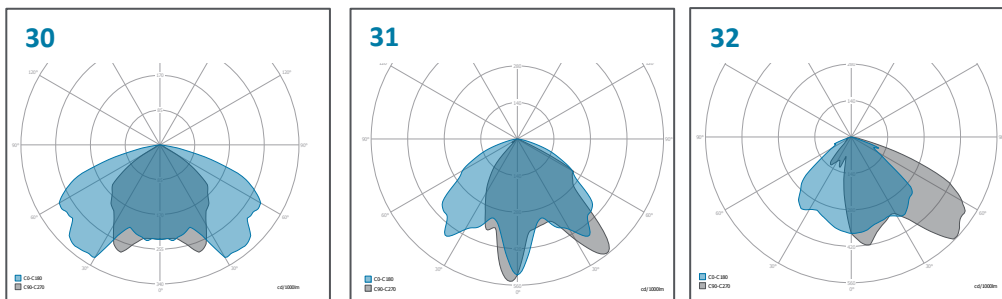
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DIMENSIONS



AVAILABLE OPTICS



TECHINCAL DATA

Optics **30 – 31 – 32

| CODE | FLUX (lm) @4000k | POWER (W) | EFFICIENCY (lm/W) |
|--------------------|---------------------|--------------|----------------------|
| GIO0025ZR00**G04yx | 2580 | 18 | 144 |
| GIO0036ZR00**G04yx | 3633 | 26 | 139 |
| GIO0050ZR00**G04yx | 5050 | 37 | 136 |
| GIO0063ZR00**G04yx | 6317 | 48 | 131 |
| GIO0081ZR00**G08yx | 8126 | 60 | 135 |
| GIO0097ZR00**G08yx | 9734 | 70 | 139 |
| GIO0118ZR00**G08yx | 11876 | 90 | 131 |

y Mounting: L=wall T=ceiling

x Bracket size

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Code structure

| POSITION 1,2,3 | PRODUCT FAMILY | GIO | Giotto |
|----------------------|-------------------------|------|---------------------|
| POSITION 4,5,6,7 | FLUX | 0118 | 11800 lm |
| POSITION 8 | POWER SUPPLY PROGRAM | Z | Zhaga |
| POSITION 9 | CCT + CRI | R | 4000K – CRI 70 |
| | | O | 4000K – CRI 80 |
| | | S | 5700K – CRI 70 |
| POSITION 10,11,12,13 | OPTIC | 0030 | Symmetric Optic |
| | | 0031 | Asymmetric Optic |
| | | 0032 | Asymmetric Optic |
| POSITION 14 | COLOUR | G | Anthracite RAL 7016 |
| POSITION 15,16 | NB. OF OPTICS | 02 | 2 ÷ 8 optics |
| POSITION 17 | FIXING MODE/APPLICATION | T | Ceiling mounting |
| | | L | Wall mounting |
| POSITION 18 | BRACKET SIZE | | |

EXAMPLE: Giotto Tunnel 8 optics, Anthracite, 11800 lm – 4000K CRI 70, 30 optic, Zhaga

| COD | G | I | O | 0 | 1 | 1 | 8 | Z | R | 0 | 0 | 3 | 0 | G | 0 | 8 | L |
|------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| POS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

The resulting code is: **GIO0118ZR0030G08L**

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