

Zela

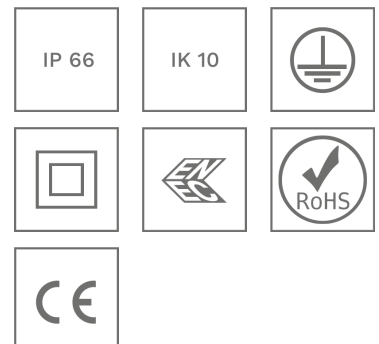


Designer : Michel Tortel

Elegant, cost-effective lighting solution for creation of ambiance

Zela provides a cost-effective indirect lighting solution for the creation of ambiance. This modern luminaire is characterised by its distinct flat and conical diffuser, made possible by incorporating LED technology.

Designed by Michel Tortel, this compact luminaire harmoniously integrates both functionality and finish. For instance, the cooling fins on the base section add a certain elegance by continuing the flow of the pole. Zela emits a pleasant, low glare light, making it perfect for architectural spaces.



Concept

Zela is a post-top LED luminaire characterised by its refined design by Michel Tortel and its indirect lighting. The luminaire is composed of an aluminium base and a protector in polycarbonate.

The light emitted by the photometrical engine is distributed by a highly reflective white polycarbonate reflector. Available with symmetrical and asymmetrical light distributions, this luminaire offers superior visual comfort.

The Zela range offers various options thanks to multiple modules of LEDs (8, 12, 16 or 24) and light distributions. The Zela luminaires provide a flexible and cost-effective indirect lighting solution for the creation of ambiance in squares, parks, residential streets and urban roads.

Zela can be installed using a slip-over mounting on a Ø60mm or Ø76mm spigot.



Access to electronic and optical compartments by loosening 2 screws.



Zela is available with symmetrical or asymmetrical indirect light distributions.



Zela is designed for post-top installation on a Ø60mm or Ø76mm spigot.



Zela provides high visual comfort and low glare.

Types of application

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

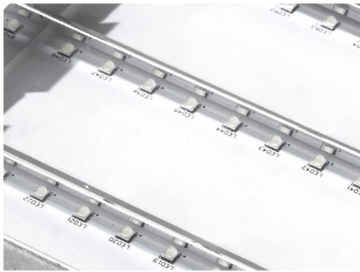
Key advantages

- Low glare thanks to indirect lighting
- Delivered pre-wired to ease installation
- Available with multiple lumen packages
- Symmetrical light distribution for general area lighting or asymmetrical light distribution for lighting roads and streets



ReFlexo™

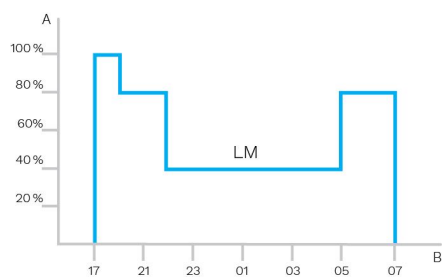
Using metal reflectors with a superior reflective co-efficient, the ReFlexo™ photometric engine delivers high performance for specific applications such as counter beam lighting in tunnels or very extensive light distributions for sports or apron lighting. Another key advantage of the ReFlexo™ is its' ability to direct all the light to the front of the luminaire, ensuring that no back light is emitted. This photometric engine guarantees glare free lighting for excellent visual comfort and the creation of ambiance.





Custom dimming profile

Intelligent luminaire drivers can be programmed with complex dimming profiles. Up to five combinations of time intervals and light levels are possible. This feature does not require any extra wiring. The period between switching on and switching off is used to activate the preset dimming profile. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.

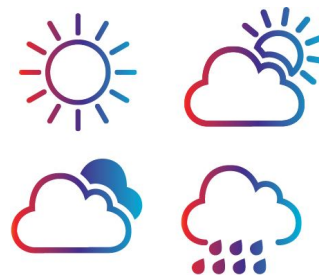


A. Performance | B. Time



Daylight sensor / photocell

Photocell or daylight sensors switch the luminaire on as soon natural light falls to a certain level. It can be programmed to switch on during a storm, on a cloudy day (in critical areas) or only at night fall so as to provide safety and comfort in public spaces.



GENERAL INFORMATION

Recommended installation height	3m to 6m 10' to 20'
Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium Composite materials
Optic	Polycarbonate
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard colour(s)	AKZO grey 900 sanded
Tightness level	IP 66
Impact resistance	IK 10
Vibration test	Compliant with modified IEC 68-2-6 (0.5G)
Access for maintenance	By loosening screws on the bottom cover

OPERATING CONDITIONS

Operating temperature range (Ta)	-30 °C up to +35 °C / -22 °F up to 95°F
----------------------------------	-----------------------------------------

· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I EU, Class II EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	10
Electromagnetic compatibility (EMC)	EN 55015 / EN 61547
Control protocol(s)	DALI
Control options	Custom dimming profile, Photocell

OPTICAL INFORMATION

Upward Light Output Ratio (ULOR)	<10%
----------------------------------	------

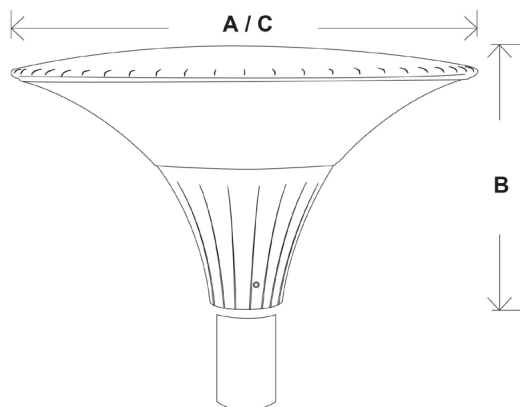
· ULOR may be different according to the configuration. Please consult us.

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	100,000h - L90
--------------------	----------------

DIMENSIONS AND MOUNTING

AxBxC (mm inch)	578x324x578 22.8x12.8x22.8
Weight (kg lbs)	4.9 10.8
Aerodynamic resistance (CxS)	0.05
Mounting possibilities	Post-top slip-over – Ø60mm Post-top slip-over – Ø76mm

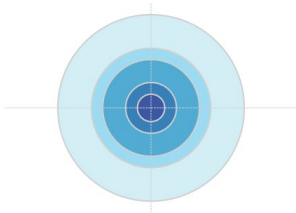
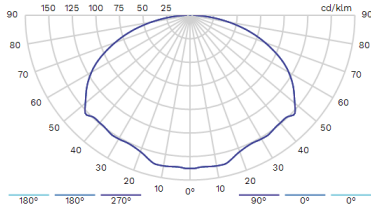




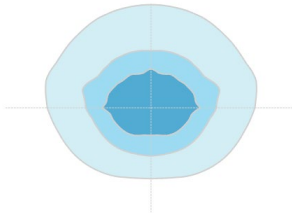
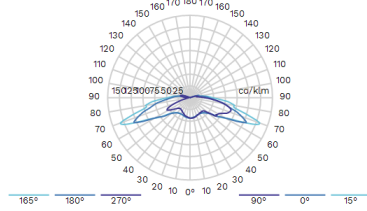
Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Neutral White 740		Luminaire output flux (lm) Warm White 830		Power consumption (W)	Luminaire efficacy (lm/W)
			Min	Max	Min	Max		
ZELA	8	350	500	900	400	800	10	90
	8	500	700	1200	600	1100	14	86
	8	700	900	1600	800	1400	20	80
	12	350	700	1400	600	1200	15	93
	12	500	1000	1800	900	1700	21	86
	12	700	1300	2400	1200	2200	29	83
	16	350	1000	1800	900	1700	20	90
	16	500	1400	2500	1200	2200	27	93
	16	700	1800	3200	1600	2900	38	84
	24	350	1500	2700	1400	2500	30	90
	24	500	2000	3700	1800	3300	41	90

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

6303 SY



6370 Narrow Asymmetric



6373 Wide Asymmetric

