Schréder
Experts in lightability™

DECORATIVE

ZELA

Designer : Michel Tortel

BLAST FLEX™ 4

Comfort meets performance and efficiency

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.

IP 66 | IK 10 | CE | UKCA | RoHS

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

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 highly reflective white polycarbonate reflectors. 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 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.

ZELA offers two types of internal reflector, providing greater flexibility in lighting ambience.

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

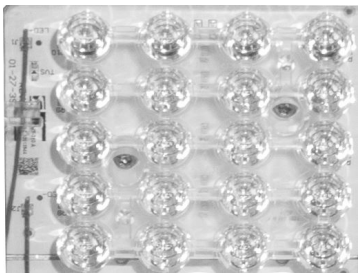
- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

KEY ADVANTAGES

- Low glare thanks to indirect lighting
- Symmetrical light distribution for general area lighting or asymmetrical light distribution for lighting roads and streets
- Creation of ambiance - aesthetic role by day and night

BlastFlex™4

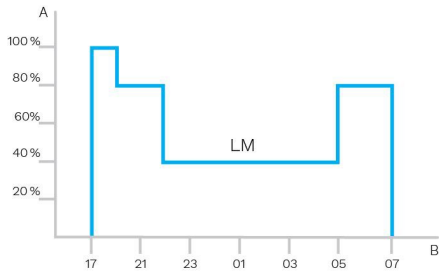
Using collimators made of high-transmission PMMA, the BlastFlex 4 photometric engine offers the highest efficiency for directional beams dedicated to specific applications in architectural and sports lighting. The ability to control the light with the highest accuracy reduces light spill in the surroundings, improves uniformity on the area to be lit and contributes to optimal use of the energy consumed.



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. Dimming level | B. Time

GENERAL INFORMATION

CE mark	Yes
UKCA marking	Yes
ENEC certified	Yes
ROHS compliant	Yes
Testing standard	EN 60598-1 EN 60598-2-1 EN 62262 IEC 62722-2-1 IEC 62493 IEC 62471

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 top cover

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C up to +55°C / -22°F up to 131°F with wind effect

· 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
Surge protection options (kV)	10
Electromagnetic compatibility (EMC)	EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547
Control protocol(s)	DALI
Control options	Custom dimming profile, Photocell

OPTICAL INFORMATION

LED colour temperature	2200K (Warm White WW 722) 2700K (Warm White WW 727) 3000K (Warm White WW 730) 3000K (Warm White WW 830) 4000K (Neutral White NW 740)
Colour rendering index (CRI)	>70 (Warm White WW 722) >70 (Warm White WW 727) >70 (Warm White WW 730) >80 (Warm White WW 830) >70 (Neutral White NW 740)

LIFETIME OF THE LEDS @ TQ 25°C

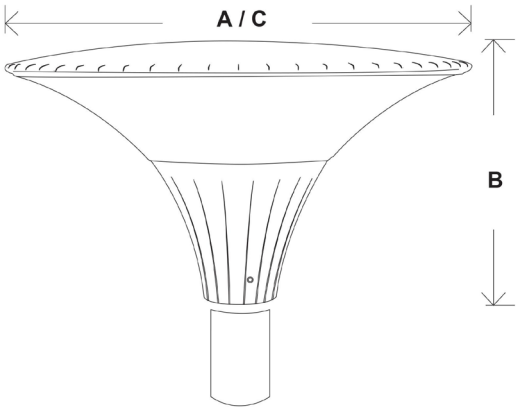
All configurations	100,000h - L90

· Lifetime may be different according to the size/configurations. Please consult us.

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

· For more information about mounting possibilities, please consult the installation sheet.



ZELA

Photometry

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	Luminaire output flux (lm)										Power consumption (W)		Luminaire efficacy (lm/W)
	Warm White WW 722		Warm White WW 727		Warm White WW 730		Warm White WW 830		Neutral White NW 740				
Number of LEDs	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Up to
10	1100	1700	1200	1900	1300	2000	1200	1900	1400	2200	20	24	96
20	1300	3000	1400	3300	1500	3500	1400	3300	1700	3800	23	38	103

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

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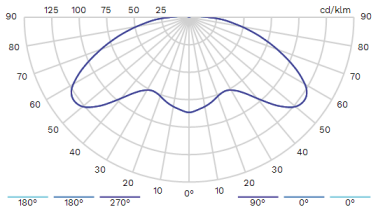
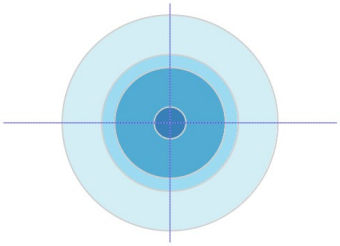
7301 Symmetrical indirect





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7302 Asymmetrical indirect