Schréder
Experts in lightability™

SHUFFLE

SHUFFLE 360 LGT GEN2
SHUFFLE 360 LT

SHUFFLE is a connected, modular approach to city hardware. With its plug-and-play rotatable modules that contain pre-certified hardware, it can be configured to suit your specific needs.

KEY ADVANTAGES

- **> Seamless integration in the SHUFFLE column**
- **> Numerous lighting configurations**
- **> Available as lighting-only (SHUFFLE 360 LT) or future-ready (SHUFFLE 360 LGT GEN2) versions**
- **> Connected-ready with 7-pin NEMA or Zhaga socket for IoT platforms**
- **> Easy installation with patented mounting system**

The SHUFFLE 360 lighting range includes two complementary modules that share the same external design, lighting performance and light distributions:

- SHUFFLE 360 LT: a lighting-only module designed for projects that require a simple, cost-optimised lighting solution.
- SHUFFLE 360 LGT GEN2: a future-ready module enabling the integration of WLAN, CCTV, sound and other beyond-lighting features, either immediately or at a later stage.

Both versions offer numerous lighting options including LED colour temperatures, lumen packages, optics, control interfaces, electrical classes and protector types. They can also be equipped with an optional NEMA or Zhaga socket, ensuring full compatibility with the Schréder EXEDRA lighting management system and other IoT platforms.

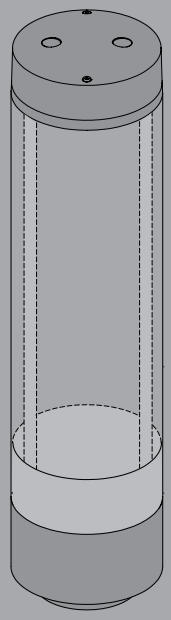
Crafted from high-pressure die-cast aluminium and available with clear or opal protectors, the SHUFFLE 360 range meets all lighting requirements with robustness and visual comfort.

DarkSky Approved
*Selected configurations only

SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | CHARACTERISTICS

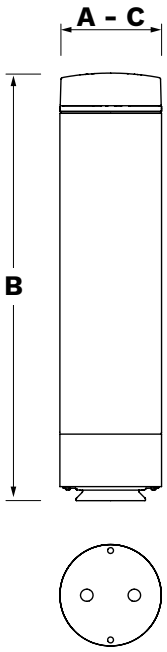
KEY FEATURES

- **Lumen package range: 2,000 to 7,800lm**
- **Optional back-light control (BL)**
- **French law compliant with G-Limiter option (GL)**
- **Dark sky Approved**
- **Neutral or warm white LEDs**
- **Optional internal diffuser or external partially or totally opal protector for enhanced visual comfort**
- **NEMA 7-pin socket for IoT controller**
- **Zhaga-D4i certified**



DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	SHUFFLE 360 LGT GEN2: 194x815x194 | 7.6x32x7.6 SHUFFLE 360 LT: 194x1013x194 | 7.6x39.9x7.6
Weight (kg | lbs)	7 | 15.4
Aerodynamic resistance (CxS)	0.16
Mounting Possiblilities	Clamps



Clear protector* | Internal diffuser | Opal protector | Partially-opal protector | Partially-opal protector + internal diffuser

DarkSky Approved
*Selected configurations only

*SHUFFLE is Dark Sky Approved when using the clear protector.

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SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | CHARACTERISTICS

GENERAL	
Driver included	Yes
CE Mark	Yes
CB Mark	Yes
UKCA Certified	Yes
ENEC Certified	Yes
ENEC+ Certified	Yes
UL Mark	Yes
ROHS compliant	Yes
Zhaga-D4i Certified	Yes
French law of December 27th 2018 - Compliant with application type(s)	a, b, c, d, e, f, g
Dark sky Approved	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory

· DarkSky Approved certification applies to selected product configurations only.

HOUSING AND FINISH	
Housing	Aluminium
Optic	PMMA
Protector	Polycarbonate PMMA
Internal Diffuser	Polycarbonate
Housing finish	Polyester powder coating
Standard color	AKZO grey 900 sanded*
Tightness level	IP 66
Impact resistance	IK 10 (polycarbonate) IK 06 (PMMA)

**(any other RAL or AKZO colour upon request)*

OPERATING CONDITIONS	
Operating temperature range (Ta)	-40°C up to 50°C / -40°F up to 122 °F with wind effect

**Depending on the module configuration. For more details, please contact us.*

SHUFFLE POLE	SHUFFLE 360 LGT GEN2	SHUFFLE 360 LT
SHUFFLE Pole model	1 Door | 2 Doors same side | 2 Doors opposite | 3 Doors	1 Door
SHUFFLE Components	Mains box | Lighting Box	Delivered pre-wired
Position on pole	Always top position	Always top position

ELECTRICAL	
Electrical class	Class I EU, Class II EU, Class 1US
Nominal voltage	220-240V 50/60Hz 120-277V 50/60Hz
Power factor (at full load)	0.95+
Surge protection options (kV)	10
Control protocol(s)	1-10V, DALI
Control options	No Dimming / Bi-Power/ Custom Dimming Profile
Socket	NEMA 7-pin Zhaga
Associated control system(s)	Schréder EXEDRA
Sensor	PIR (optional for SHUFFLE 360 LGT GEN2, not available for SHUFFLE 360 LT)

OPTICAL INFORMATION	
LED colour temperature	2700K (Warm White 727) 3000K (warm White 730) 3000K (Warm White 830) 4000K (Neutral White 740)
Color rendering index (CRI)	>70 (Warm White 727) >70 (Warm White 730) >80 (Warm White 830) >70 (Neutral White 740)
Upward Light Output Ratio (ULOR)	<3%

· ULOR may be different according to the configuration. Please consult us.
· Dark sky Approved when fitted with LEDs of 3000K or less.

LIFETIME OF THE LEDS @ TQ 25°C	
All configurations	100,000h - L95

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SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | PERFORMANCE

	Luminaire output flux (lm) Warm White 727		Luminaire output flux (lm) Warm White 730		Luminaire output flux (lm) Warm White 830		Luminaire output flux (lm) Neutral White 740		Power consumption (W)		Luminaire efficacy (lm/W)	
Number of LEDs	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Up to	Photometry
20	2100	6700	2300	7200	2100	6700	2500	7800	22	60	158	

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

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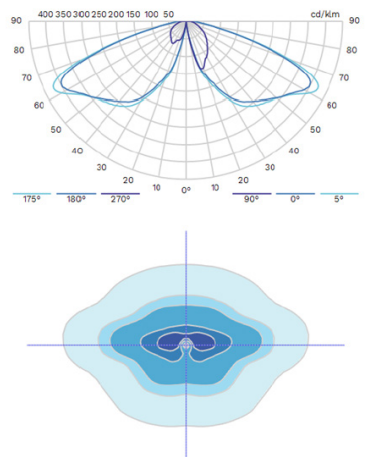
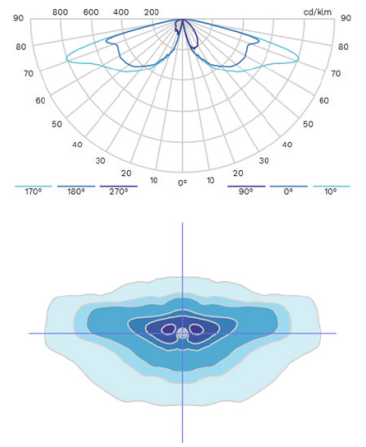
SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS

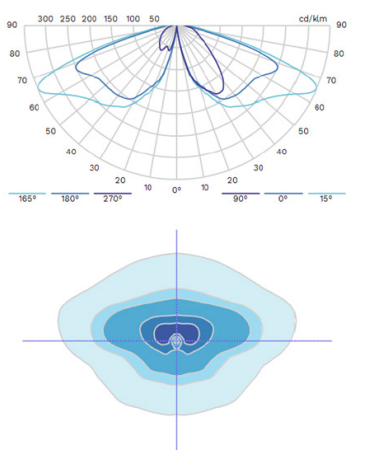
LENSO FLEX® 4 5300 Ultra-Narrow



LENSO FLEX® 4 5301 Narrow



LENSO FLEX® 4 5303 Medium



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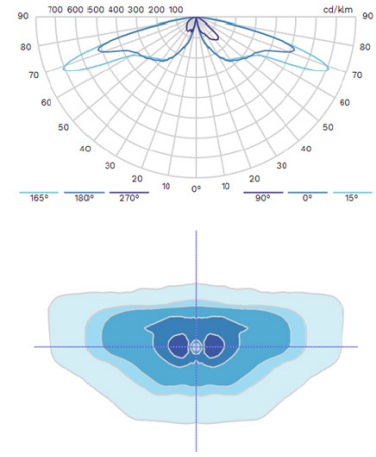

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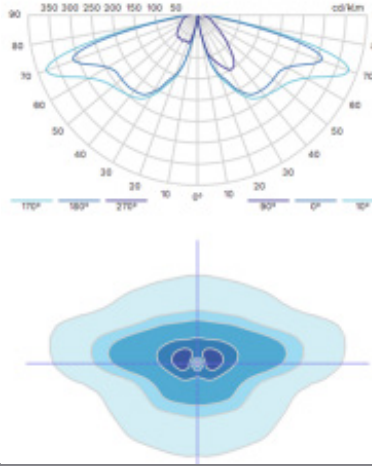

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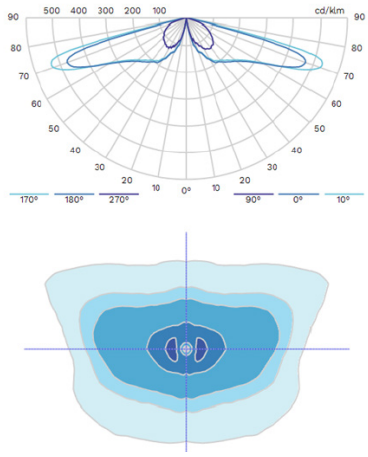

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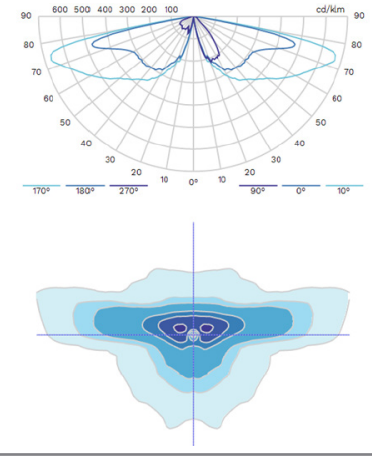
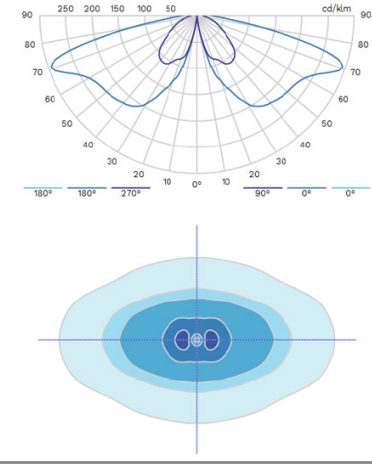
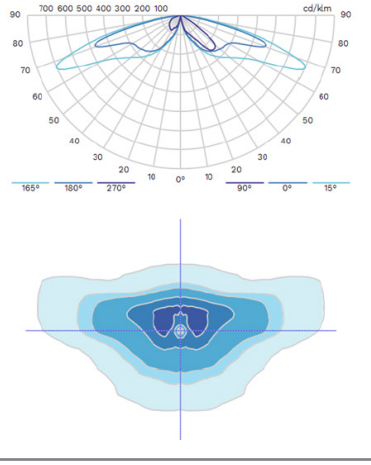


LENSO FLEX® 4 50006 Medium Symmetrical



LENSO FLEX® 4 5307 Wide



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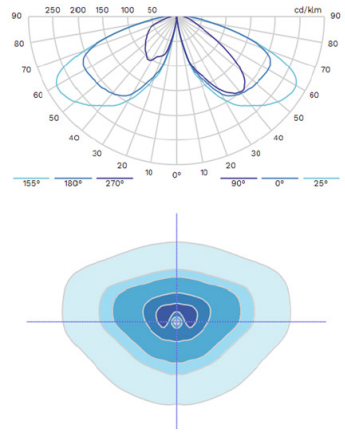
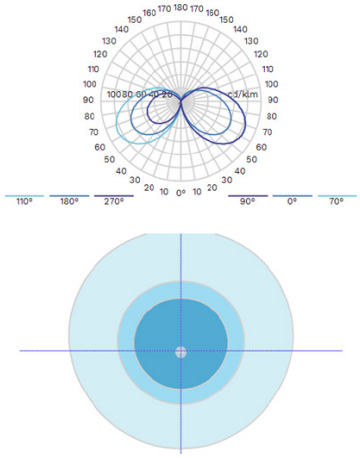
SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS

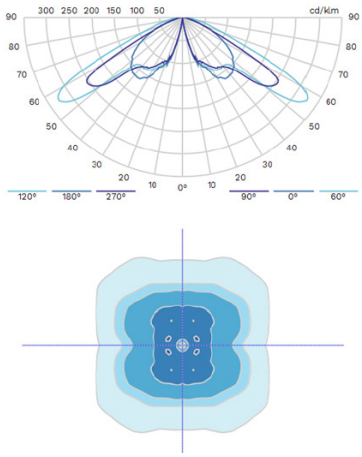
LENSO FLEX®4 5308 Wide



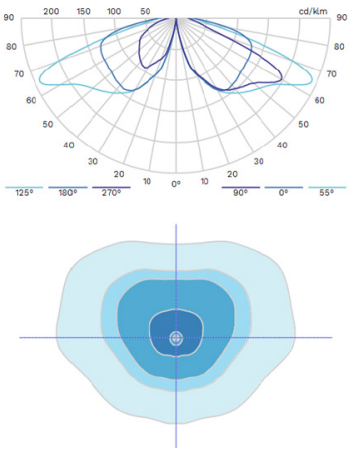
LENSO FLEX®4 5366 Extra-Wide



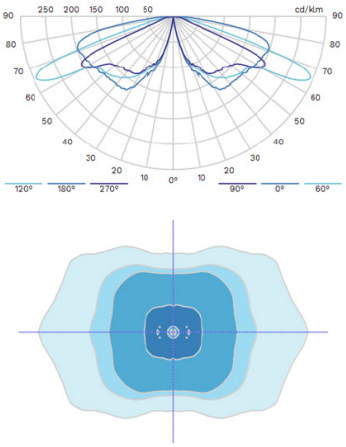
LENSO FLEX®4 50004 Extra-Wide Symmetrical



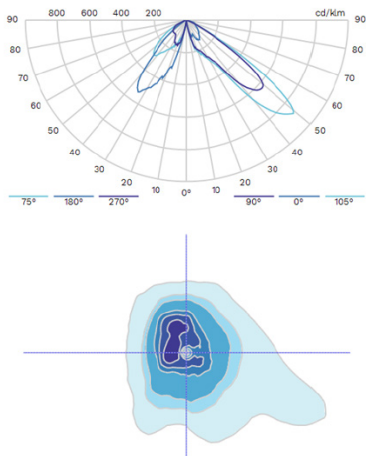
LENSO FLEX®4 5393 Ultra-Wide



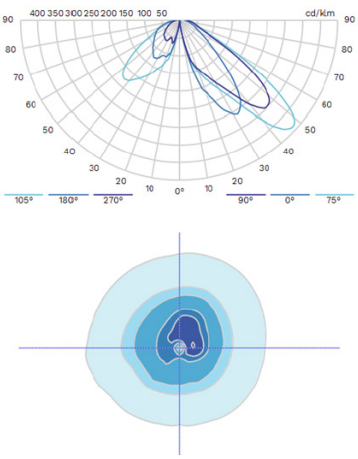
LENSO FLEX®4 50008 Ultra-Wide Symmetrical



LENSO FLEX®4 5370 Zebra Left



LENSO FLEX®4 5369 Zebra Right



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