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, semi-sanded or totally sanded protectors, the SHUFFLE 360 range meets all lighting requirements with robustness and visual comfort.

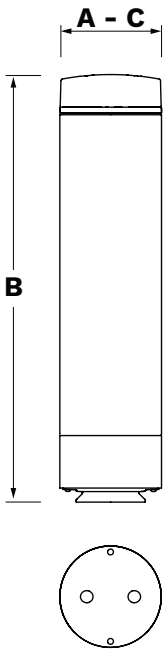
DarkSky Approved
Commercial Luminaire

# SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | CHARACTERISTICS

## KEY FEATURES

- **Lumen package range: 2,000 to 6,300lm**
- **Optional back-light control (BL)**
- **French law compliant with G-Limiter option (GL)**
- **Dark Sky compliant**
- **Neutral or warm white LEDs**
- **Optional internal diffuser or external semi or totally sanded protector for enhanced visual comfort**
- **NEMA 7-pin socket for IoT controller**
- **Zhaga-D4i certified**

| DIMENSIONS AND MOUNTING | |
|---|---|
| AxBxC (mm \| inch) | 194x815x194 \| 7.6x32x7.6 |
| Weight (kg \| lbs) | 7 \| 15.4 |
| Aerodynamic resistance (CxS) | 0.16 |
| Mounting Possiblilities | Clamps |



Clear protector*

Internal diffuser

Sanded protector

DarkSky Approved
Commercial Luminaire

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

Copyright © Schréder SA - December 2025. All rights reserved. Specifications are of an indicative nature and subject to change without notice.

# SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | CHARACTERISTICS

## GENERAL

| | |
|---|---|
| Recommended installation height | 3m to 6,8m \| 9.8' to 22,3' |
| 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 friendly lighting (IDA certification) | Yes |
| Testing standard | LM 79-08 (all measurements in ISO17025 accredited laboratory |

## HOUSING AND FINISH

| | |
|---|---|
| Housing | Aluminium |
| Optic | PMMA |
| Protector | Polycarbonate<br>PMMA |
| Internal Diffuser | Polycarbonate |
| Housing finish | Polyester powder coating |
| Standard color | AKZO grey 900 sanded* |
| Tightness level | IP 66 |
| Impact resistance | IK 10 (polycarbonate)<br>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<br>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<br>Zhaga |
| Associated control system(s) | Schréder EXEDRA |
| Sensor | PIR (optional) |

## OPTICAL INFORMATION

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

*· ULOR may be different according to the configuration. Please consult us.*
*· Meets Dark Sky requirements when fitted with LEDs of 3000K or less.*

## LIFETIME OF THE LEDS @ TQ 25°C

| | |
|---|---|
| All configurations | 100,000h - L95 |

Copyright © Schréder SA - December 2025. All rights reserved. Specifications are of an indicative nature and subject to change without notice.

# SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | PERFORMANCE

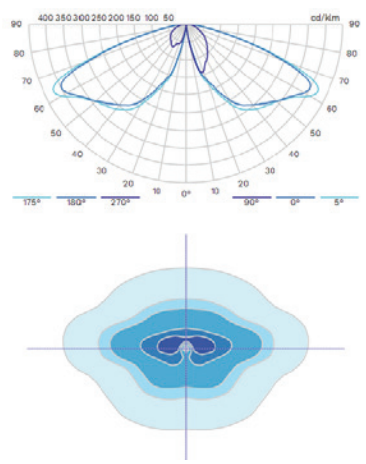
| | Luminaire output flux (lm) Warm White 727 | | Luminaire output flux (lm) Warm White 730 | | Luminaire output flux (lm) Warm White 830 | | Luminaire output flux (lm) Neutral White 740 | | Power consumption (W) | | Luminaire efficacy (lm/W) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to | Photometry |
| 20 | 2000 | 5400 | 2200 | 5800 | 2000 | 5400 | 2400 | 6300 | 22 | 46 | 158 | |

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

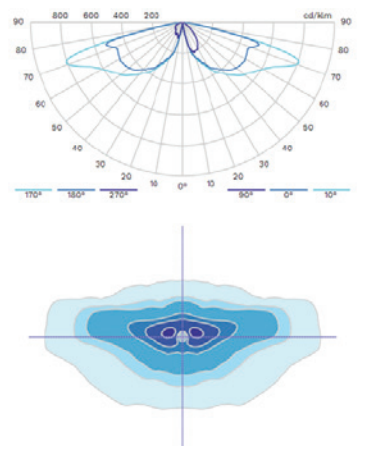
Copyright © Schréder SA - December 2025. All rights reserved. Specifications are of an indicative nature and subject to change without notice.

# SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS

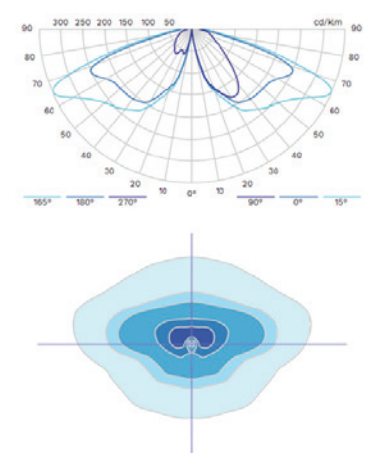
LENSO FLEX°4 5300 Ultra-Narrow



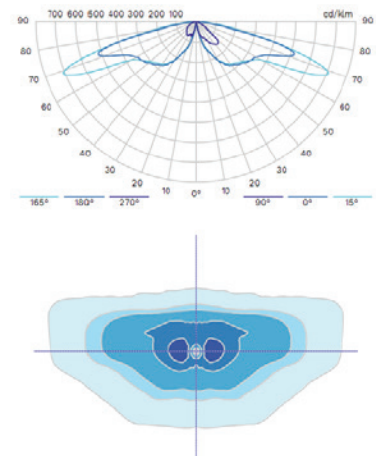
LENSO FLEX°4 5301 Narrow



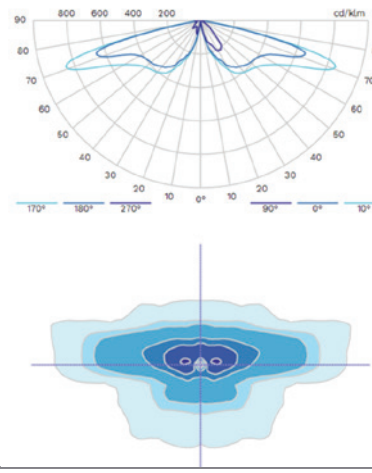
LENSO FLEX°4 5303 Medium



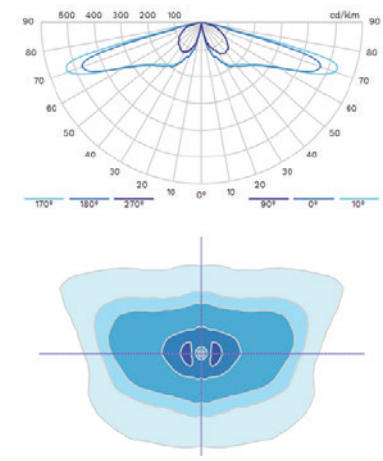
LENSO FLEX°4 5305 Medium



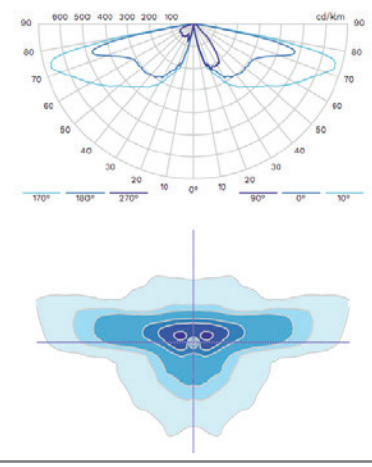
LENSO FLEX°4 5306 Medium



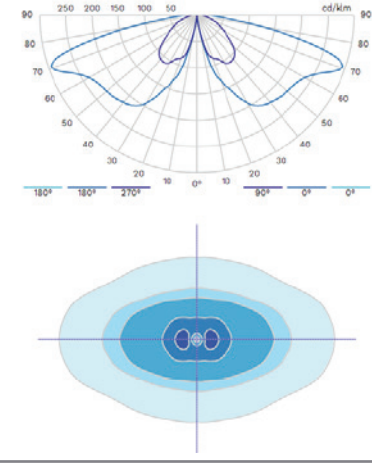
LENSO FLEX°4 5392 Medium



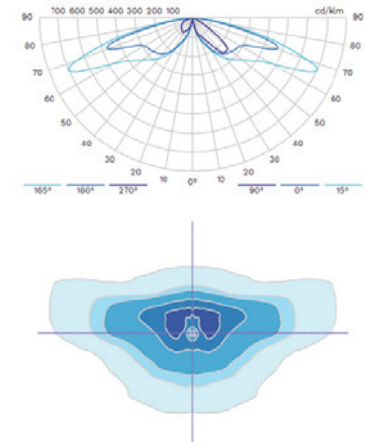
LENSO FLEX°4 5399 Medium



LENSO FLEX°4 50006 Medium Symmetrical



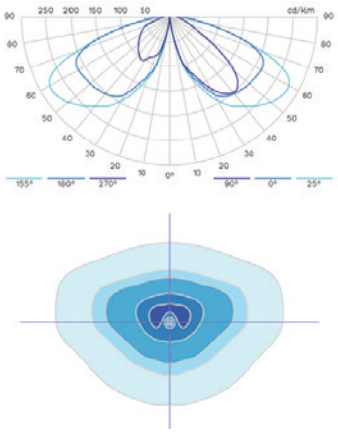
LENSO FLEX°4 5307 Wide



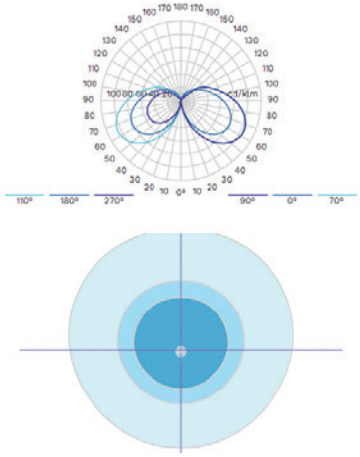
Copyright © Schréder SA - December 2025. All rights reserved. Specifications are of an indicative nature and subject to change without notice.

# SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS

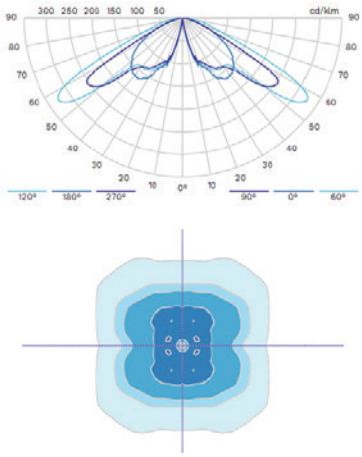
LENSO FLEX°4 5308 Wide



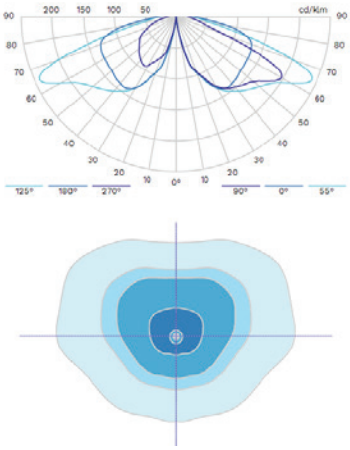
LENSO FLEX°4 5366 Extra-Wide



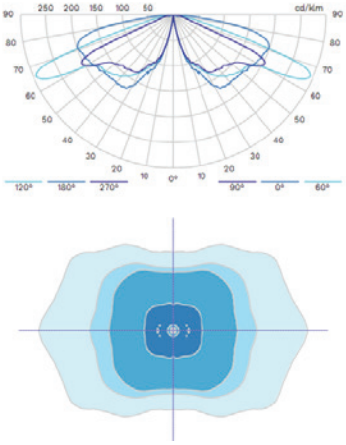
LENSO FLEX°4 50004 Extra-Wide Symmetrical



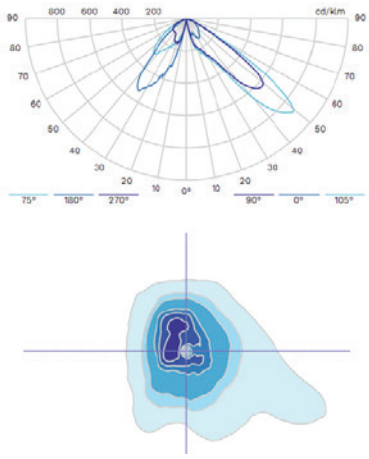
LENSO FLEX°4 5393 Ultra-Wide



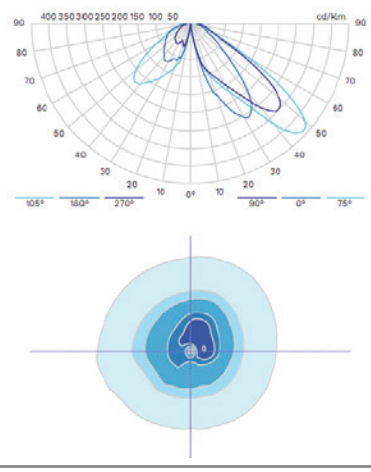
LENSO FLEX°4 50008 Ultra-Wide Symmetrical



LENSO FLEX°4 5370 Zebra Left



LENSO FLEX°4 5369 Zebra Right



Copyright © Schréder SA - December 2025. All rights reserved. Specifications are of an indicative nature and subject to change without notice.