



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 Schröder 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.



SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | CHARACTERISTICS

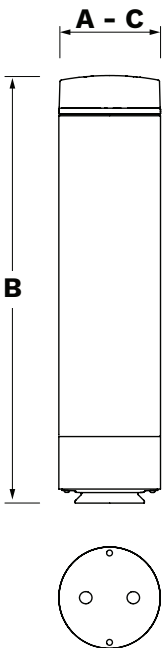
KEY FEATURES

- > 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 Possibilities	Clamps



Clear protector*



Internal diffuser



Sanded protector



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

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 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)	Schröder EXEDRA
Sensor	PIR (optional)

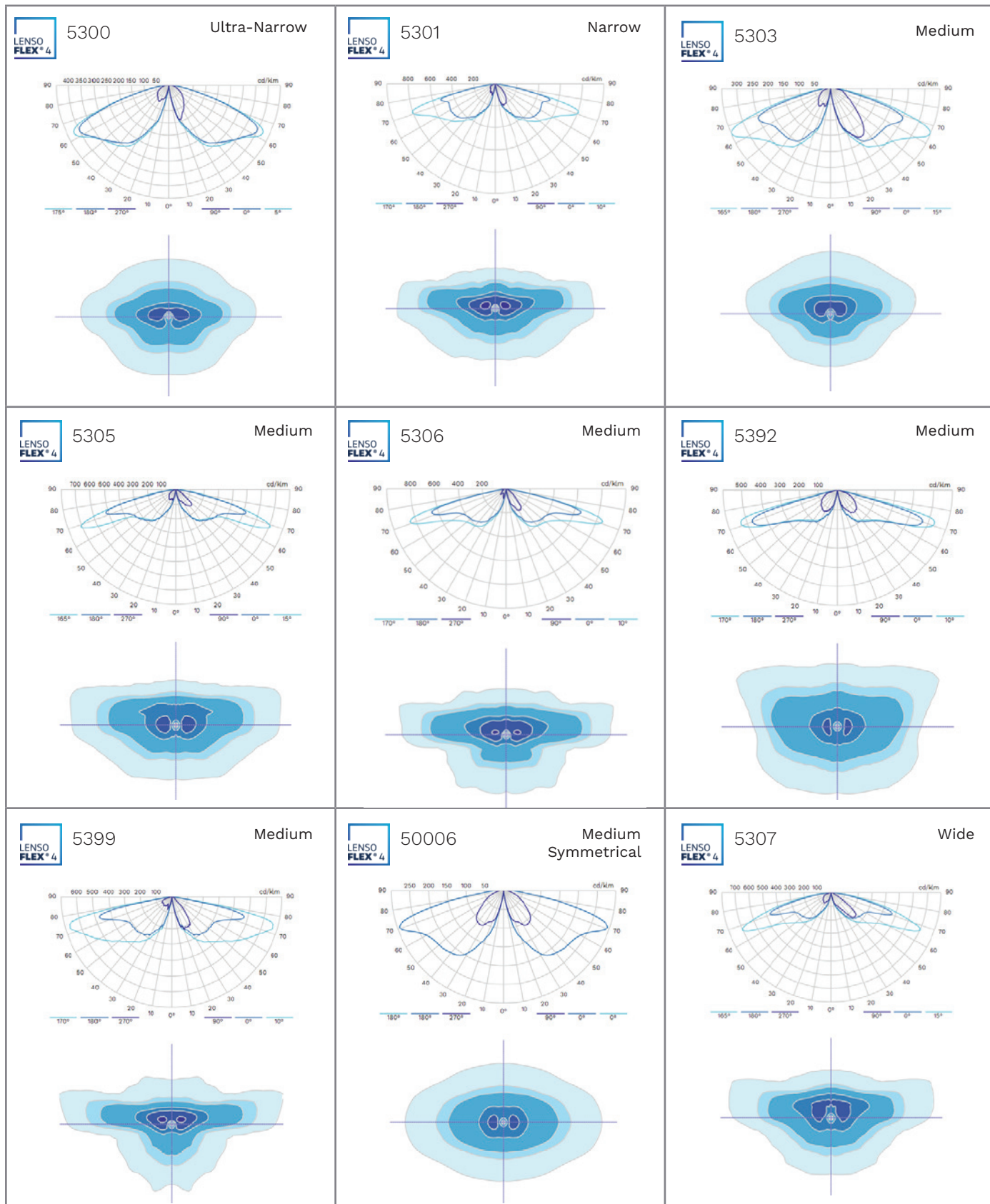
OPTICAL INFORMATION	
LED colour temperature	2700K (Warm White 727) 3000K (warm White 730) 3000K (Warm White 830) 4000K (Neutral White 740)
Color rendering index (CRI)	>70 (Warm White 727) >70 (Warm White 730) >80 (Warm White 830) >70 (Neutral White 740)
Upward Light Output Ratio (ULOR)	<3%
· ULOR may be different according to the configuration. Please consult us. · Meets Dark Sky requirements when fitted with LEDs of 3000K or less.	
LIFETIME OF THE LEDS @ TQ 25°C	
All configurations	100,000h - L95

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 %

SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS



SHUFFLE 360 LGT GEN2 / SHUFFLE 360 LT | LIGHT DISTRIBUTIONS

