Schréder
Experts in lightability™

AREA

MY1 LED

LENSO FLEX™ 2

Flexible and beneficial LED alternative to fluorescent tubes

Combining robustness, efficiency and flexibility, MY1 LED is a sustainable alternative to fluorescent tubes for lighting indoor areas such as industrial halls, warehouses, tunnels and car parks.

Thanks to its modern and elegant design, MY1 LED creates a visually appealing environment while offering safety and visual comfort.

Designed to provide operational benefits for site managers, this state-of-the-art LED linear lighting solution is characterised by its long lifetime, high efficiency, minimised energy costs, free maintenance requirements and quick installation.

IP 67 | IK 10

RoHS

TUNNELS & UNDERPASSES

CAR PARKS

INDUSTRIAL HALLS & WAREHOUSES

Concept

The MY range of luminaires offers a solution for applications requiring robust materials and easy maintenance.

MY1 LED is composed of aluminium and polycarbonate and has a high IK 10 impact resistance. It is designed to provide long lasting performance and withstand the heat, cold and humidity in harsh environments such as tunnels, industrial halls and underground platforms.

The MY1 LED is available in 6 different sizes to offer maximum flexibility. Thanks to the long lifetime of the LED engine and the extra-high IP 67 tightness level, the MY1 LED delivers high performance in the long term with no need for any internal cleaning. As an option, MY1 LED can integrate a back-up battery (for up to 3 hours).

Available in 6 sizes for flexibility.

Housing in extruded aluminium protected by electrolytic oxidation (class 15).

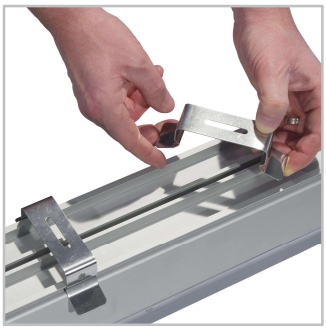
TYPES OF APPLICATION

- TUNNELS & UNDERPASSES
- CAR PARKS
- INDUSTRIAL HALLS & WAREHOUSES

KEY ADVANTAGES

- Robust luminaire to replace fixtures with T5/T8 fluorescent tubes
- 6 different sizes
- Extra high tightness level (IP 67)
- Tool-free access for easy maintenance
- Full scope of photometries (narrow to wide symmetrical as well as asymmetrical)
- Versatile mounting options

MY1 LED can be ceiling or sidewall mounted, installed on rail or cable tray.



Standard fixation with stainless steel spring.

LensoFlex®2

LensoFlex®2 is based upon the addition principle of photometric distribution. Each LED is associated with a specific PMMA lens that generates the complete photometric distribution of the luminaire. The number of LEDs in combination with the driving current determines the intensity level of the light distribution.

GENERAL INFORMATION

Recommended installation height	3m to 8m | 10' to 26'
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Driver included	Yes
CE mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
French law of December 27th 2018 - Compliant with application type(s)	b, c, d, f, g
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Protector	Polycarbonate
Housing finish	Anodised aluminium
Tightness level	IP 67
Impact resistance	IK 10

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C up to +40°C / -4°F up to 104°F

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

ELECTRICAL INFORMATION

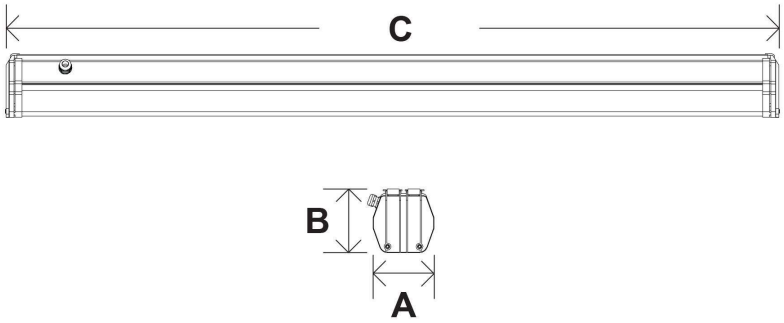
Electrical class	Class I EU, Class II EU
Nominal voltage	220-240V – 50-60Hz
Surge protection options (kV)	4 10
Electromagnetic compatibility (EMC)	EN 55015 / EN 61547
Control protocol(s)	1-10V, DALI
Control options	Bi-power, Custom dimming profile

OPTICAL INFORMATION

LED colour temperature	3000K (Warm White 730) 3000K (Warm White 830)
Colour rendering index (CRI)	>70 (Warm White 730) >80 (Warm White 830)

DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	MY1 LED 1 - 126x131x295 | 5.0x5.2x11.6 MY1 LED 2 - 126x131x462 | 5.0x5.2x18.2 MY1 LED 3 - 126x131x672 | 5.0x5.2x26.5 MY1 LED 4 - 126x131x881 | 5.0x5.2x34.7 MY1 LED 5 - 126x131x1281 | 5.0x5.2x50.4 MY1 LED 6 - 126x131x1581 | 5.0x5.2x62.2
Weight (kg | lbs)	MY1 LED 1 - 1.4 | 3.1 MY1 LED 2 - 2.1 | 4.6 MY1 LED 3 - 3.2 | 7.0 MY1 LED 4 - 3.9 | 8.6 MY1 LED 5 - 5.1 | 11.2 MY1 LED 6 - 6 | 13.2
Mounting possibilities	Clips for surface/wall mounting



Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Warm White 730		Luminaire output flux (lm) Warm White 830		Power consumption (W)		Luminaire efficacy (lm/W)	Photometry
			Min	Max	Min	Max	Min	Max	Up to	
MY1 LED 1	16	175	1600	2000	1400	1700	23	23	87	
MY1 LED 2	32	150	3000	3700	2500	3200	36	36	103	
MY1 LED 3	48	145	4300	5600	3700	4700	51	51	110	
MY1 LED 4	64	165	6300	8100	5400	6800	72	72	112	
MY1 LED 5	80	145	7200	9500	6200	8000	79	79	120	
MY1 LED 6	96	140	8500	11100	7200	9400	89	89	125	

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

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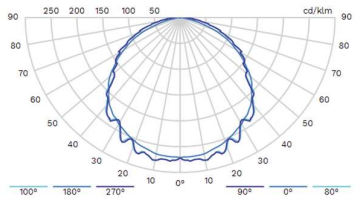

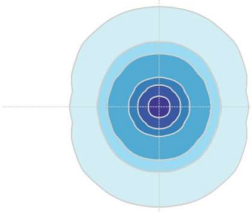

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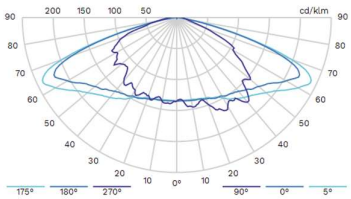

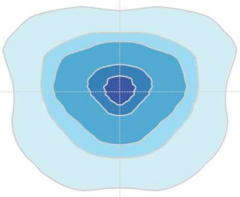

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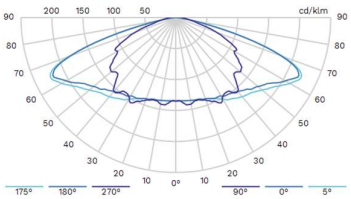

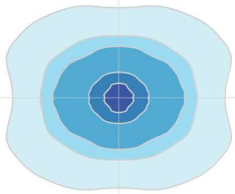

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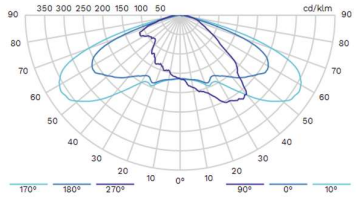

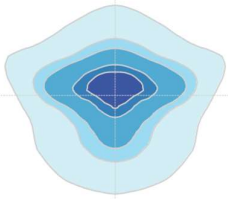

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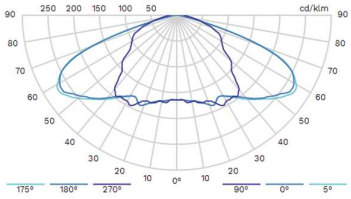

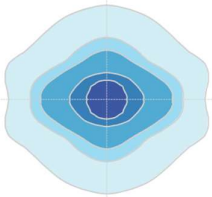

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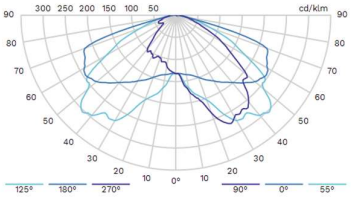

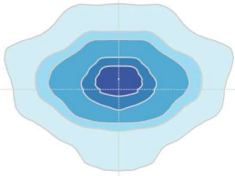

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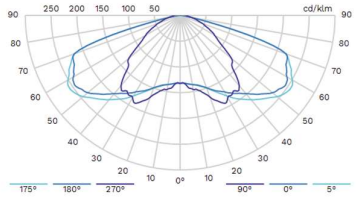

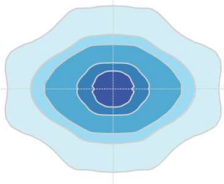

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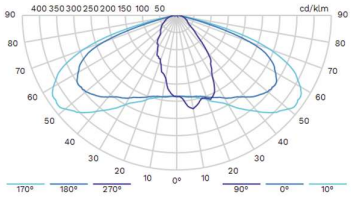

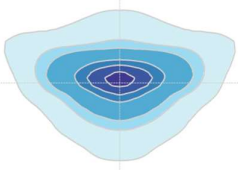

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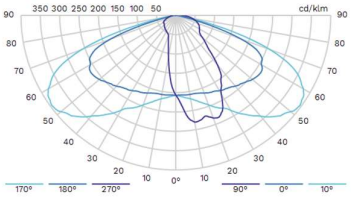

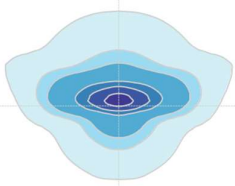

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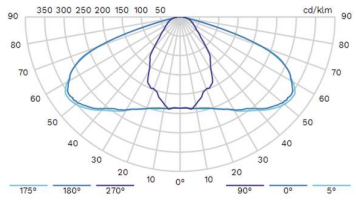

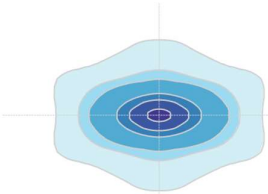

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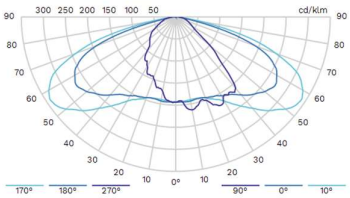

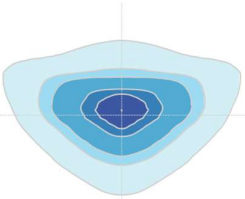

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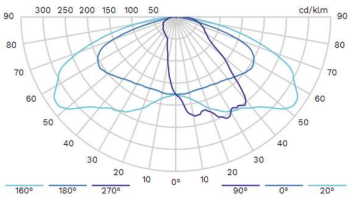

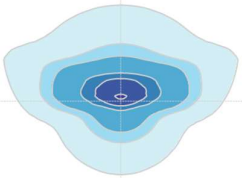

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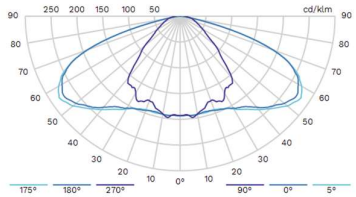

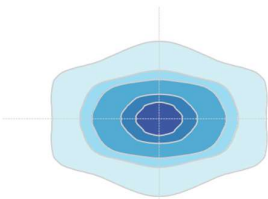

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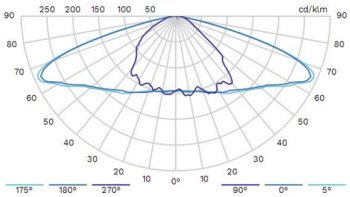

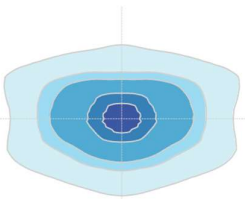

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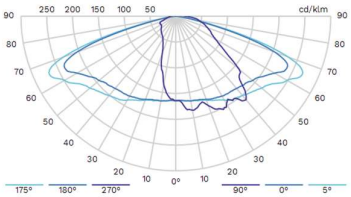

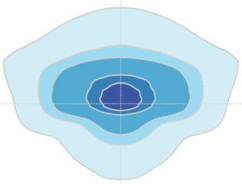

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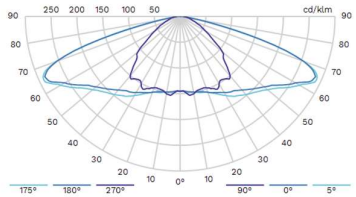

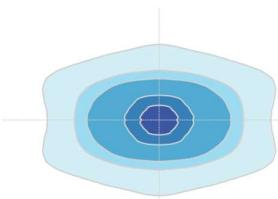

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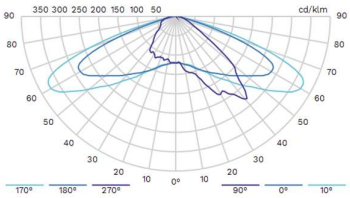

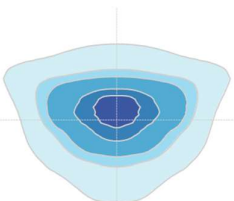

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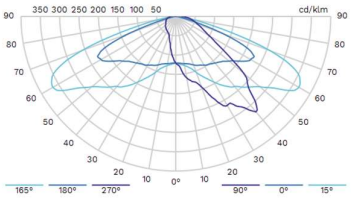

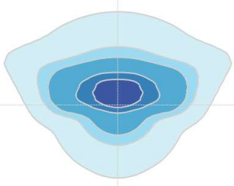

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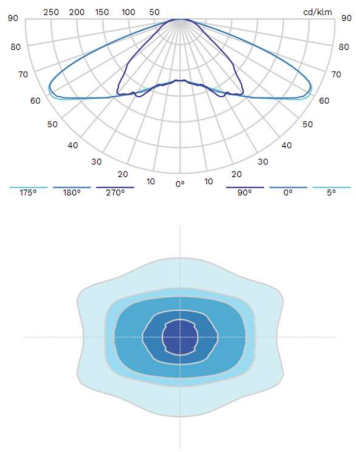

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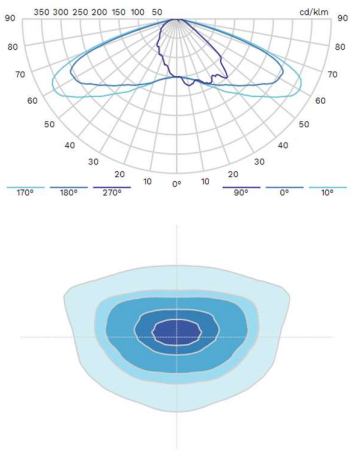

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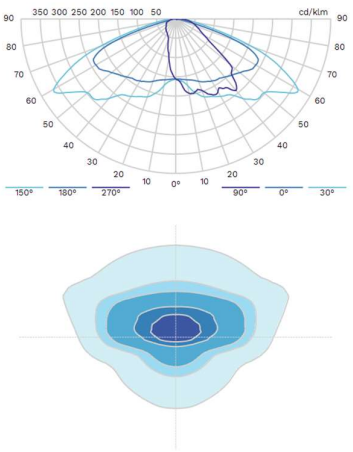

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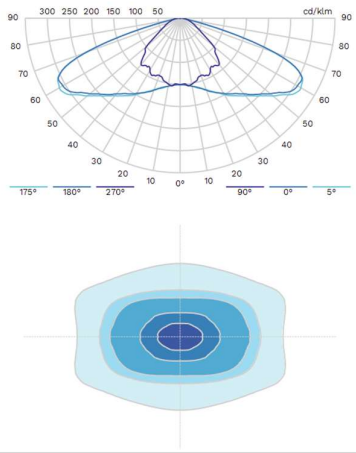

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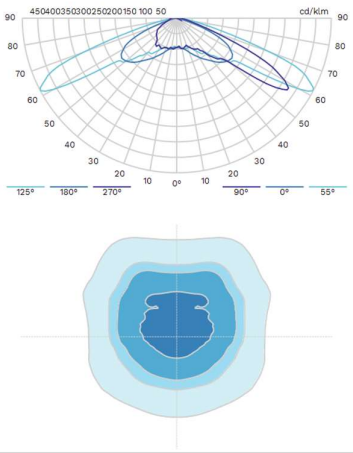

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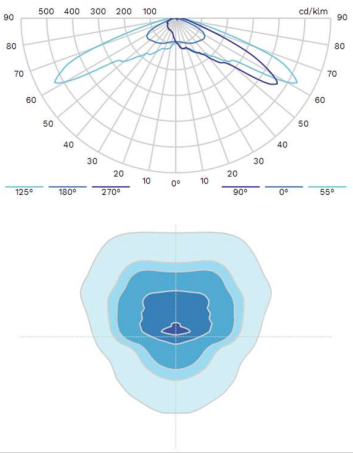

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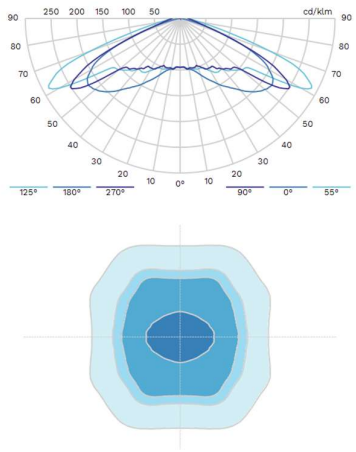

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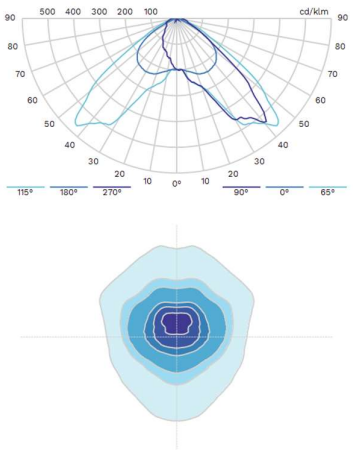

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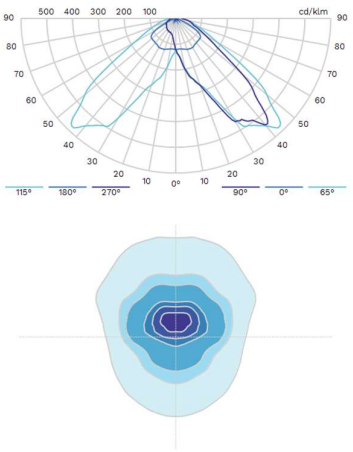

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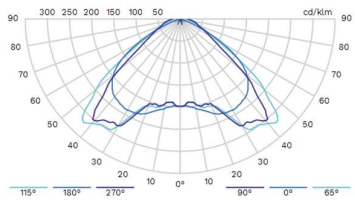
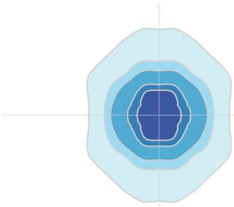
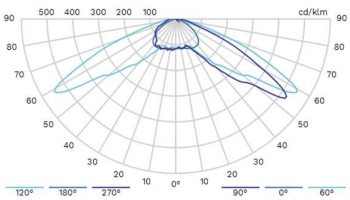
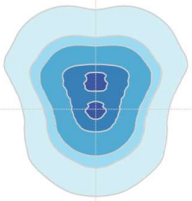




LENSO FLEX™2

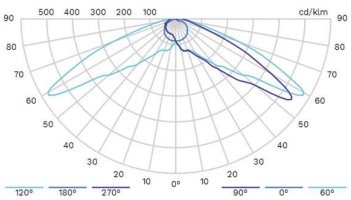
5121

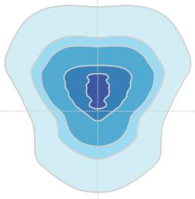




LENSO FLEX™2

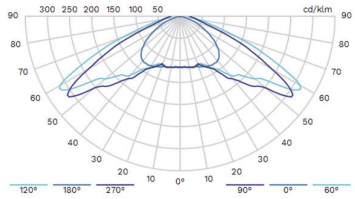
5121 - BL

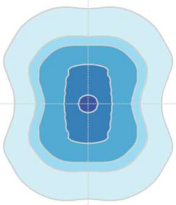




LENSO FLEX™2

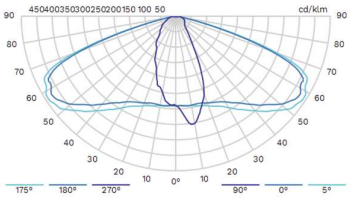
5121 SY

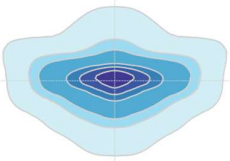




LENSO FLEX™2

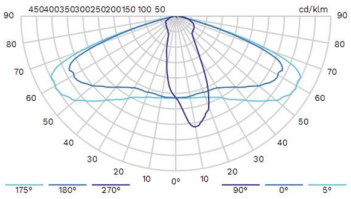
5136

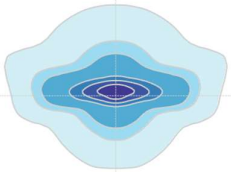




LENSO FLEX™2

5136 - BL





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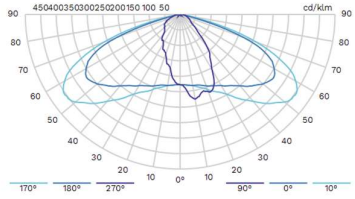
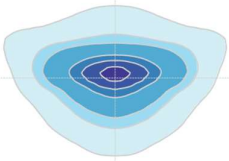
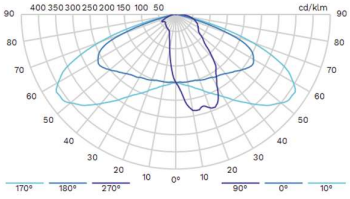
5137

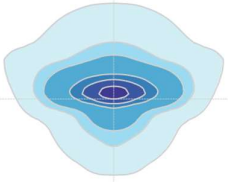




LENSO FLEX™2

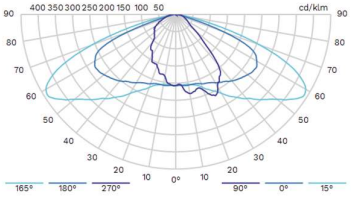
5137 - BL

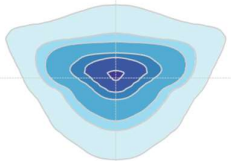




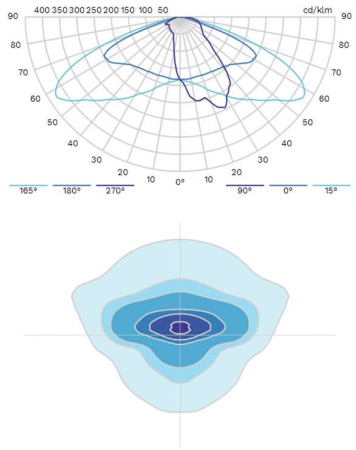
LENSO FLEX™2

5138





LENSO FLEX™2 5138 - BL



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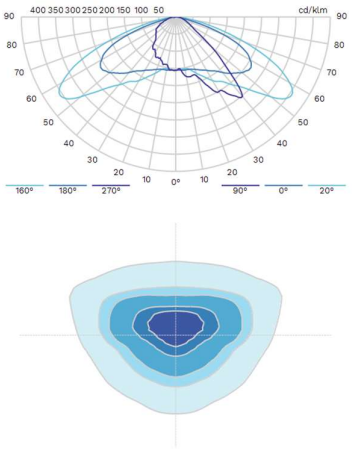

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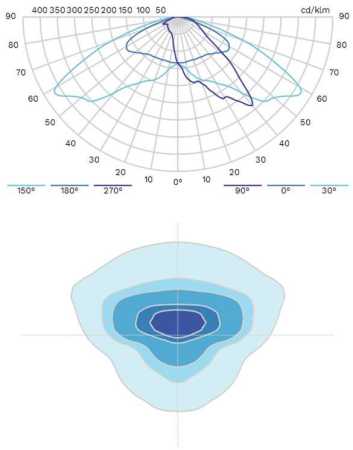

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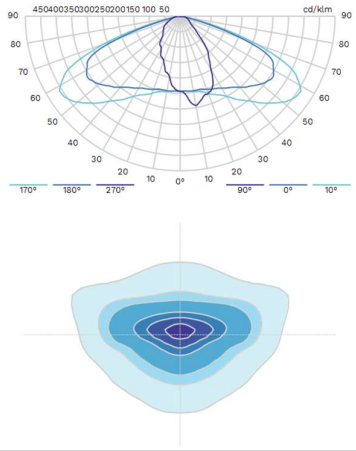

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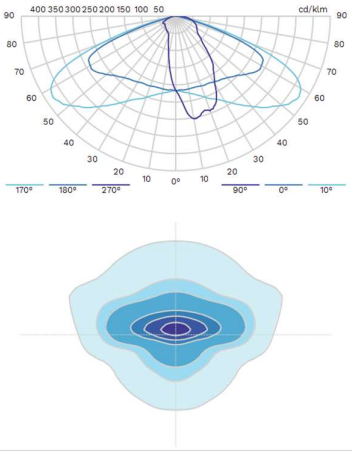

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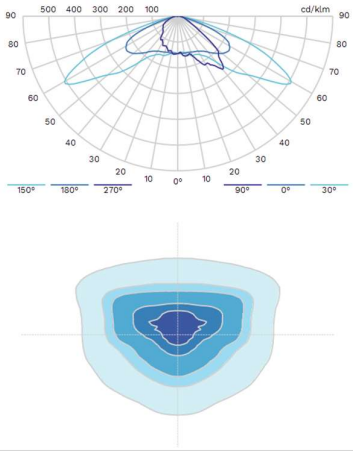

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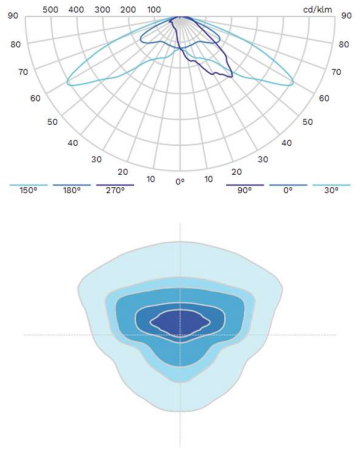
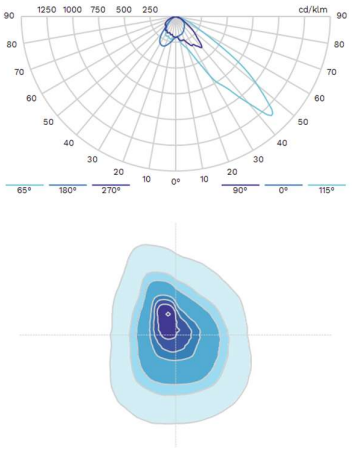
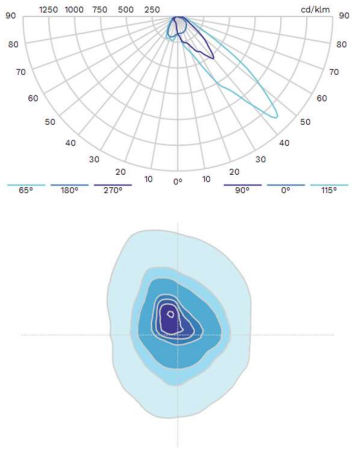


LENSO FLEX™2 5144 Zebra left

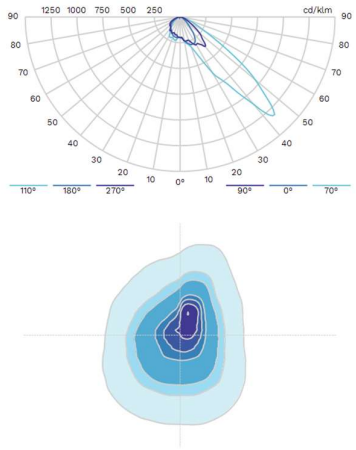


LENSO FLEX™2 5144 Zebra left BL



LENSO FLEX™ 2

5145 Zebra right



LENSO FLEX™ 2

5145 Zebra right BL