

FLEXIA FG

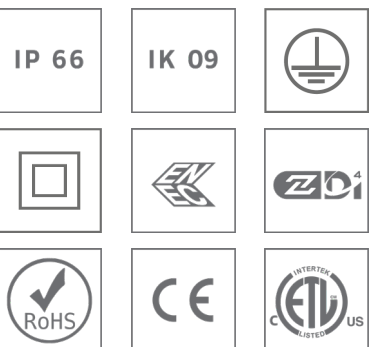


Designer : iOL Design



The ultimate platform for your unique urban lighting solution

Various designs, many configurations, one single DNA. FLEXIA is the ultimate platform to create your unique urban lighting solution. Focus on creating a unique ambiance for people living and visiting your spaces instead of dealing with non-stop constraints. With no technical limitations, more design consistency and the guarantee of the latest innovations, FLEXIA offers a versatile technological platform with refined aesthetics. FLEXIA incorporates a refined design with an advanced and interchangeable technology compatible with a circular economy. Ideal for large boulevards, city centres, public squares, bike paths and other urban outdoor areas, FLEXIA delivers a high-quality lighting with design consistency and lowers the carbon footprint for towns and cities - creating a safe and attractive environment.



Concept

FLEXIA FG is a versatile, side-entry or suspended, decorative luminaire, designed to provide the greatest modularity and easy customisation. Available in two sizes (Midi and Maxi), it is composed of an aluminum body sealed with a glass protector.

FLEXIA FG offers three different decorative crowns: the Mona as standard and the Lisa or Scala as options. Both the Lisa and Scala crowns can have a customised finish (colour, pattern, texture) to enhance your identity.

FLEXIA FG is part of the FLEXIA range and shares the same technical architecture for more consistency and interchangeability. It relies on the new LensoFlex®4 photometrical engine, developed on a concept of performance, dark-sky compliance (PureNight) and versatility, and use the same CR-Kit that regroups the LEDs, lenses, gear and electrical accessories on a tool-free removable unit. This standardisation of internal components enables an easier and more cost-effective management of spare parts. To simplify installation, FLEXIA FG is delivered pre-cabled. It also uses the patented IzyHub compact connection and connectivity module which is designed for quick, error-proof wiring.

FLEXIA FG offers tool-free access to the gear compartment. For safety reasons, it includes an instant electrical disconnection on opening.

It is available with various connectivity options (NEMA or Zhaga), sensors and the FlexiWhite solution that adapts the colour temperature of the lighting to the need of the space and the moment. Thanks to tool-free access to the optical compartment, Cromax coloured filters can be added any time to create a special atmosphere for events.

Built with recyclable materials and with an architecture designed for easy service, FLEXIA FG is a role model for a circular economy.



FLEXIA FG is available with three different crowns with their own customized design for a unique identity.



FLEXIA FG is designed for side-entry mounting with the versatile SOFIA bracket, enabling numerous configurations.



FLEXIA FG includes an instant electrical disconnection on opening and a complete tool-free removable LED engine.



To remain as open and interoperable as possible, FLEXIA FG is available with both NEMA or Zhaga sockets and complies with the new ZD4i standard.

TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- SQUARES & PEDESTRIAN AREAS
- ROADS & MOTORWAYS

KEY ADVANTAGES

- State-of-the-art LED modular platform that can be endlessly customised
- Design consistency for all urban applications
- Tool-free philosophy: opening, cabling and LED engine removal
- PureNight: dark-sky and low-glare lighting distributions
- FlexiWhite option for human-centric and nature-friendly scenarios
- Supplied pre-cabled to facilitate its installation
- Numerous mounting possibilities
- Connected-ready for your future Smart cities' requirements
- Based on open and interoperable standards
- Compatible with Schröder EXEDRA control platform
- Zhaga-D4i certified

FLEXIA FG | Sofia bracket



FLEXIA FG | Evens bracket (Midi only)



FLEXIA FG | Catenary (Midi only)



FLEXIA FG | Available crowns



FLEXIA FG | With Croma filters





LensoFlex®4

LensoFlex®4 maximises the heritage of the LensoFlex® concept with a very compact yet powerful photometric engine based upon the addition principle of photometric distribution. The number of LEDs in combination with the driving current determines the intensity level of the light distribution. With optimised light distributions and very high efficiency, this fourth generation enables the products to be downsized to meet application requirements with an optimised solution in terms of investment.

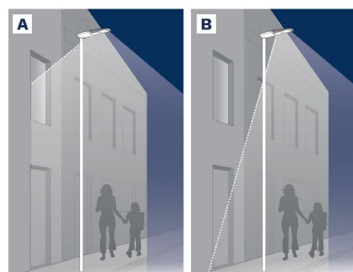
LensoFlex®4 optics can feature backlight control to prevent intrusive lighting, or a glare limiter for high visual comfort.



Back Light control

As an option, the LensoFlex®2 and LensoFlex®4 modules can be equipped with a Back Light control system.

This additional feature minimises light spill from the back of the luminaire to avoid intrusive light towards buildings.



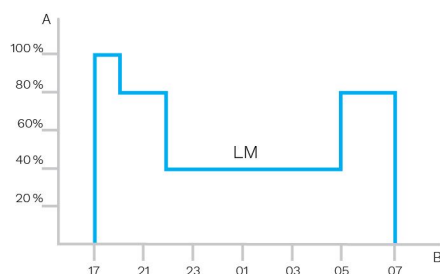
A. Without Back Light control | B. With Back Light control



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.

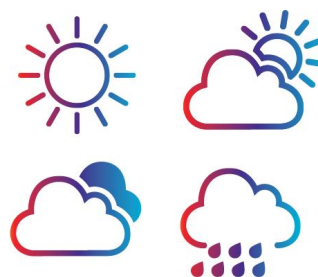


A. Dimming level | B. Time



Daylight sensor / photocell

Photocell or daylight sensors switch the luminaire on as soon natural light falls to a certain level. It can be programmed to switch on during a storm, on a cloudy day (in critical areas) or only at nightfall so as to provide safety and comfort in public spaces.

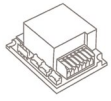


PIR sensor: motion detection

In places with little nocturnal activity, lighting can be dimmed to a minimum most of the time. By using passive infrared (PIR) sensors, the level of light can be raised as soon as a pedestrian or a slow vehicle is detected in the area.

Each luminaire level can be configured individually with several parameters such as minimum and maximum light output, delay period and ON/OFF duration time. PIR sensors can be used in an autonomous or interoperable network.

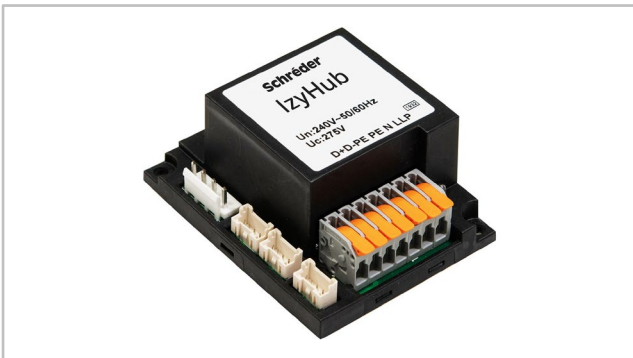




IzyHub

IzyHub is an innovative device that aims to keep luminaire installation and maintenance hassle-free. This single central connection hub distributes electricity and control information to all parts of the luminaire, ensuring that all components work together and offering reliable, long-term performance.

Its compact size and error-proof connections enable smaller and lighter luminaires that are easier to maintain and upgrade.



Surge Protection

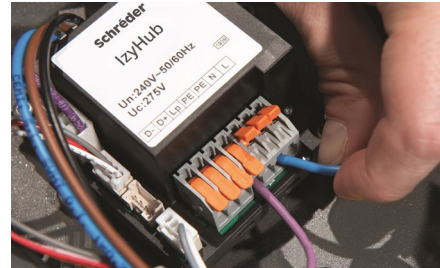
IzyHub features a built-in surge protection device. This prevents electrical surges resulting from lightning strikes and other transient voltages that originate from the mains network from damaging the luminaire, even in the most demanding conditions. The protective device also includes an end-of-life LED warning light, indicating that the luminaire is protected correctly.

User-friendly

Installing a luminaire has never been easier. IzyHub features tool-free connector as the main connection terminal. It enables 30% shorter installation times compared with standard solutions. Lever actuated spring-loaded electrical connectors provide optimal contact throughout the entire life of the product.

Easy maintenance

On the rare occasion that a component needs to be replaced in the luminaire, IzyHub makes sure that operations are carried out quickly and easily. Luminaire component connections are keyed so that mixing up electrical connections is physically impossible. Installers do not need to trace wires individually: plug it in, and it works straight away.



Versions and upgrades

IzyHub has several versions featuring different connectivity options. IzyHub can include an SPD, can work with external dimming and operate with all type of control sockets. It is also able to provide bi-power control and to include fuse options.

These options provide flexibility for future upgrades by only having to replace the IzyHub to connect the new equipment. No complicated re-wiring needed.



The Schröder Bluetooth solution consists of 3 main components:

- A Bluetooth dongle plugged into the modular driver of the luminaire (BLE transceiver)
- A Bluetooth antenna fitted on the luminaire
- A smartphone application called Sirius BLE



Easy to use

The Schröder Bluetooth solution is ideal for the on-site configuration of individual outdoor luminaires using Bluetooth. From the ground, the user is able to switch the luminaire on or off, adapt the dimming curve, read diagnostic data and much more. A user-friendly application called Sirius BLE provides an easy and secure access to the control and configuration functions.

Whether you are managing a lighting network in an urban or a residential area, this solution will make it easy to control your outdoor luminaires while simply standing by the pole.

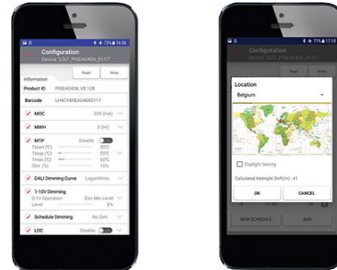
Quick and easy pairing

Get the Sirius App from Schröder. Go to the menu. Press the "SCAN DEVICE (START)" button, to search for the surrounding BLE modules. They will be displayed with a bar graphic (signal intensity) to indicate the closest and the most distant one you can reach. Click on the device you want to connect to and enter your personal access key to control the luminaire.



Defining the settings

Once you are connected to a luminaire, you can set various parameters such as the maximum output current, minimum dimming level and custom dimming profile.



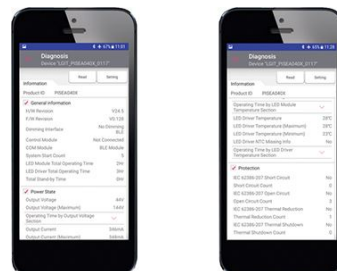
Manual dimming control

The App enables you to do a manual override to adapt the dimming levels instantly. Simply tap on the "Dimming" button in the main menu and adjust the dimming using the wheel and button. Predefined dimming levels can be applied immediately. The corresponding value is displayed on the wheel. This enables you to test the ON / OFF and dimming features of the luminaire paired to the smartphone.



On-site diagnostic

When a luminaire is paired, you can access various diagnostic information: total number of power up events, operation time of LED module and driver, total energy consumption of LED driver... etc. You can also track operating events (short circuits, thermal shutdowns...). The diagnostic values may be the current state or values accumulated to date.





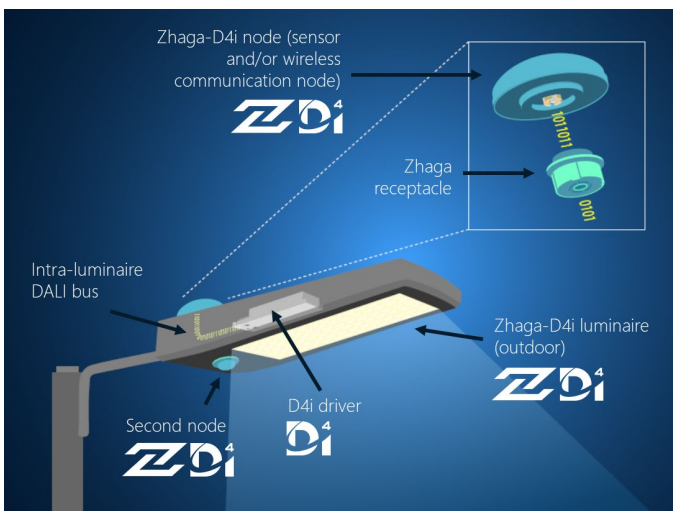
The Zhaga consortium joined forces with the DiiA and produced a single Zhaga-D4i certification that combines the Zhaga Book 18 version 2 outdoor connectivity specifications with the DiiA's D4i specifications for intra-luminaire DALI.

Standardisation for interoperable ecosystems

As a founding member of the Zhaga consortium, Schröder has participated in the creation of, and therefore supports, the Zhaga-D4i certification program and the initiative of this group to standardise an interoperable ecosystem. The D4i specifications take the best of the standard DALI2 protocol and adapt it to an intra-luminaire environment but it has certain limitations. Only luminaire mounted control devices can be combined with a Zhaga-D4i luminaire. According to the specification, control devices are limited respectively to 2W and 1W average power consumption.

Certification program

The Zhaga-D4i certification covers all the critical features including mechanical fit, digital communication, data reporting and power requirements within a single luminaire, ensuring plug-and-play interoperability of luminaires (drivers) and peripherals such as connectivity nodes.



Cost-effective solution

A Zhaga-D4i certified luminaire includes drivers offering features that had previously been in the control node, like energy metering, which has in turn simplified the control device therefore reducing the price of the control system.

2 sockets: top and bottom

The Zhaga socket is small and suited to applications where aesthetics is essential. The architecture of Zhaga-D4i also foresees the possibility of putting two sockets on one luminaire, allowing for instance, the combination of a detection sensor and a control node. This also has the added value of standardising certain detection sensor communications with the D4i protocol.



Schröder EXEDRA is the most advanced lighting management system on the market for controlling, monitoring and analysing streetlights in a user-friendly way.



Tailored experience

Schröder EXEDRA includes all advanced features needed for smart device management, real-time and scheduled control, dynamic and automated lighting scenarios, maintenance and field operation planning, energy consumption management and third-party connected hardware integration. It is fully configurable and includes tools for user management and multi-tenant policy that enables contractors, utilities or big cities to segregate projects.

A powerful tool for efficiency, rationalisation and decision making

Data is gold. Schröder EXEDRA brings it with all the clarity managers need to drive decisions. The platform collects massive amounts of data from end devices and aggregates, analyses and intuitively displays them to help end-users take the right actions.

Protected on every side

Schröder EXEDRA provides state-of-the-art data security with encryption, hashing, tokenisation, and key management practices that protect data across the whole system and its associated services.

Standardisation for interoperable ecosystems

Schröder plays a key role in driving standardisation with alliances and partners such as uCIFI, TALQ or Zhaga. Our joint commitment is to provide solutions designed for vertical and horizontal IoT integration. From the body (hardware) to the language (data model) and the intelligence (algorithms), the complete Schröder EXEDRA system relies on shared and open technologies.

Schröder EXEDRA also relies on Microsoft™ Azure for cloud services, provided with the highest levels of trust, transparency, standards conformance and regulatory compliance.

Breaking the silos

With EXEDRA, Schröder has taken a technology-agnostic approach: we rely on open standards and protocols to design an architecture able to interact seamlessly with third-party software and hardware solutions. Schröder EXEDRA is designed to unlock complete interoperability, as it offers the ability to:

- control devices (luminaires) from other brands
- manage controllers and to integrate sensors from other brands
- connect with third-party devices and platforms

A plug-and-play solution

As a gateway-less system using the cellular network, an intelligent automated commissioning process recognises, verifies and retrieves luminaire data into the user interface. The self-healing mesh between luminaire controllers enables real-time adaptive lighting to be configured directly via the user interface.

GENERAL INFORMATION

Recommended installation height	4m to 12m 13' to 39'
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Circle Light label	Score >90 - The product fully meets circular economy requirements
Driver included	Yes
CE mark	Yes
CB mark	Yes
ENEC certified	Yes
UL certified	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
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	PMMA
Protector	Tempered glass
Housing finish	Polyester powder coating
Standard colour(s)	AKZO grey 900 sanded
Tightness level	IP 66
Impact resistance	IK 09
Vibration test	Compliant with modified IEC 68-2-6 (0.5G)
Access for maintenance	Tool-less access to gear compartment

· Any other RAL or AKZO colour upon request

OPERATING CONDITIONS

Operating temperature range (Ta)	-40°C up to +55°C / -40°F up to 131°F with wind effect
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· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I EU, Class II EU, Class 1 US
Nominal voltage	120-277V – 50-60Hz 220-240V – 50-60Hz
Power factor (at full load)	0.95+
Surge protection options (kV)	10, 20
Electromagnetic compatibility (EMC)	EN 55015 / EN 61000-3-2 / EN 61000-4-5 / EN 61547
Control protocol(s)	Bluetooth, 1-10V, DALI
Control options	AmpDim, Bi-power, Custom dimming profile, Photocell, Remote management
Socket	Zhaga (optional) NEMA 7-pin (optional)
Associated control system(s)	Sirius BLE Owlet IoT Schröder EXEDRA
Sensor	PIR (optional)

· PIR only available for FLEXIA Midi

OPTICAL INFORMATION

LED colour temperature	2200K (FlexiWhite 722 722) 2600K (FlexiWhite 726 726) 2700K (Warm White 727) 3000K (Warm White 730) 3000K (Warm White 830) 3000K (FlexiWhite 730 730) 4000K (Neutral White 740)
Colour rendering index (CRI)	>70 (FlexiWhite 722 722) >70 (FlexiWhite 726 726) >70 (Warm White 727) >70 (Warm White 730) >80 (Warm White 830) >70 (FlexiWhite 730 730) >70 (Neutral White 740)

Upward Light Output Ratio (ULOR) 0%

· ULOR may be different according to the configuration. Please consult us.

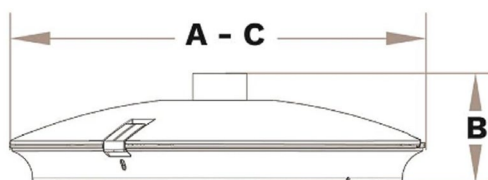
LIFETIME OF THE LEDS @ TQ 25°C

All configurations	100,000h - L95
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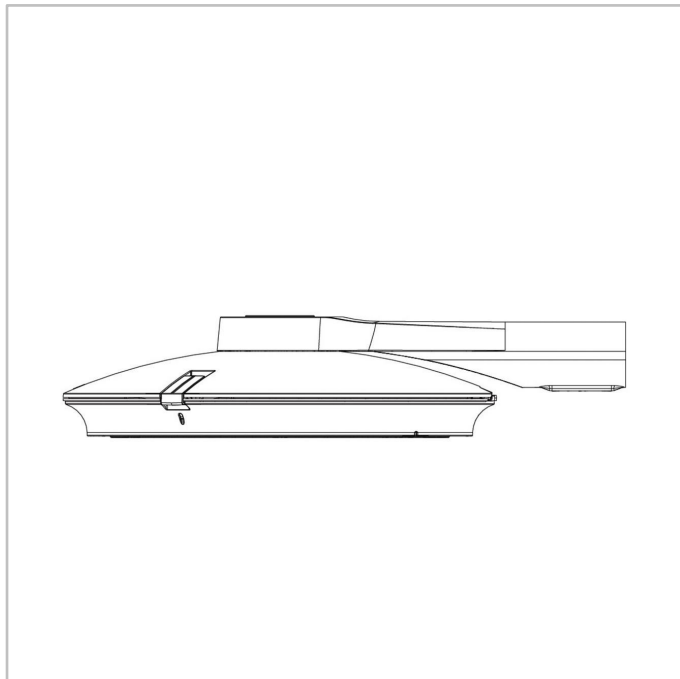
DIMENSIONS AND MOUNTING

AxBxC (mm inch)	FLEXIA FG MIDI - 504x140x504 19.8x5.5x19.8 FLEXIA FG MAXI - 610x168x610 24.0x6.6x24.0
Weight (kg lbs)	FLEXIA FG MIDI - 9.6 21.1 FLEXIA FG MAXI - 14.25 31.4
Aerodynamic resistance (CxS)	FLEXIA FG MIDI - 0.11 FLEXIA FG MAXI - 0.10
Mounting possibilities	Side-entry slip-over – Ø60mm Side-entry penetrating – Ø48mm Suspended 1" gas male Suspended 1" gas female Catenary Wall-mounted

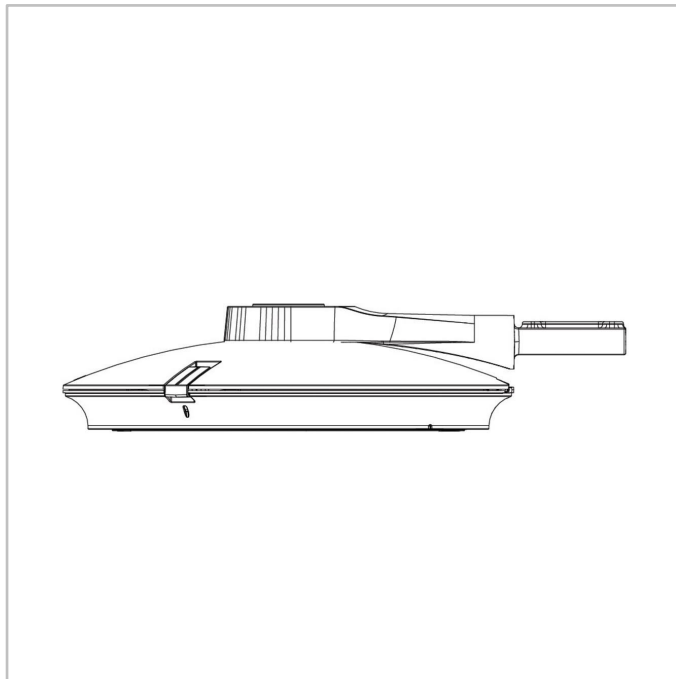
· For more information about mounting possibilities, please consult the installation sheet.



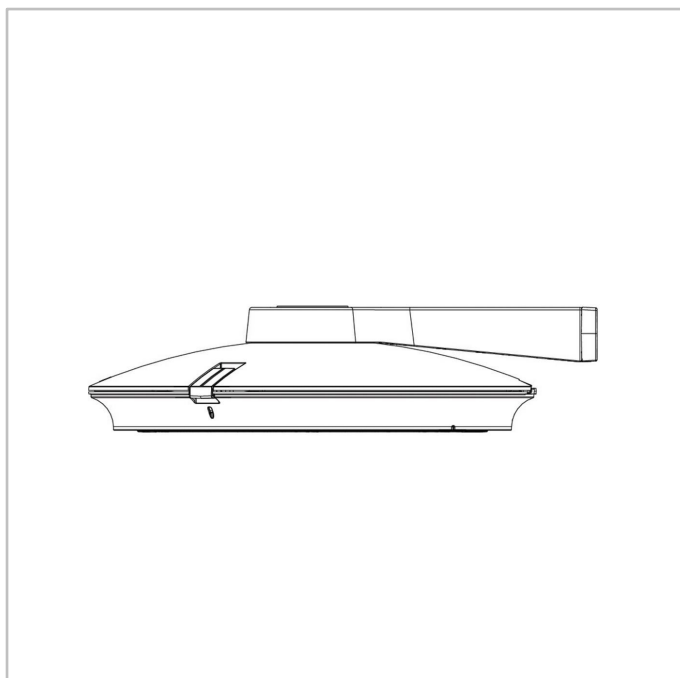
FLEXIA FG | Side-entry enclosing Ø60 mm mounting



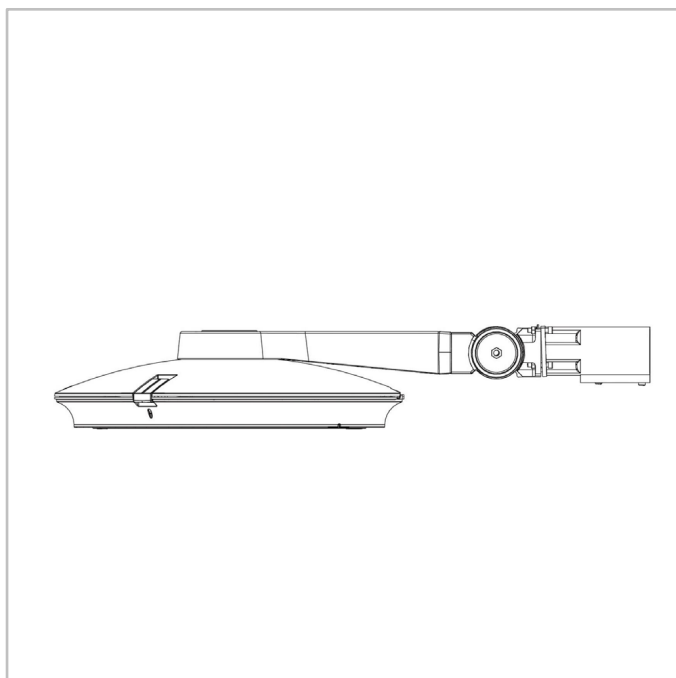
FLEXIA FG | Side-entry penetrating spigot Ø48 mm



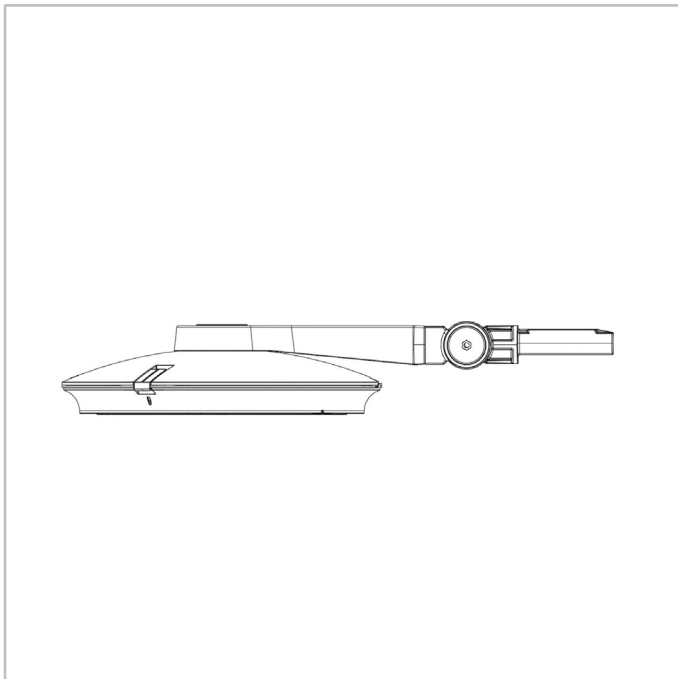
FLEXIA FG | Side-entry 40X40 square direct mounting



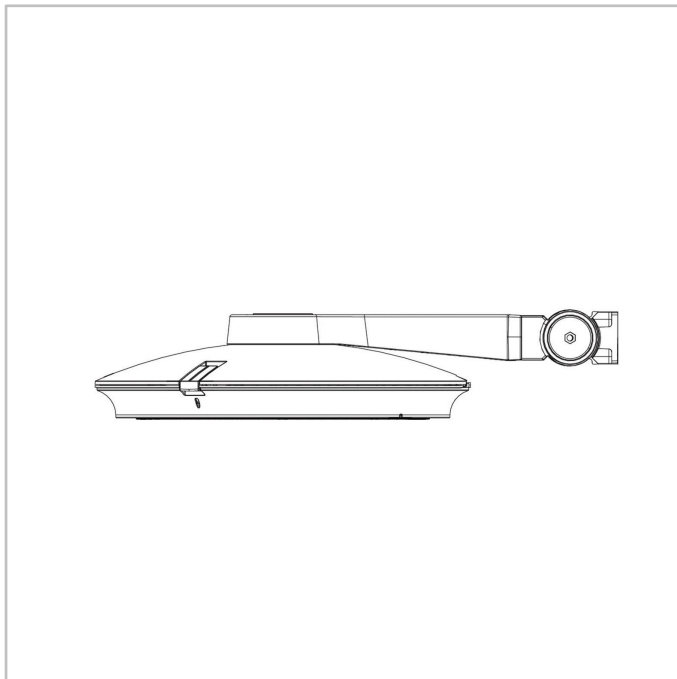
FLEXIA FG | Knuckle joint side-entry enclosing Ø60 mm



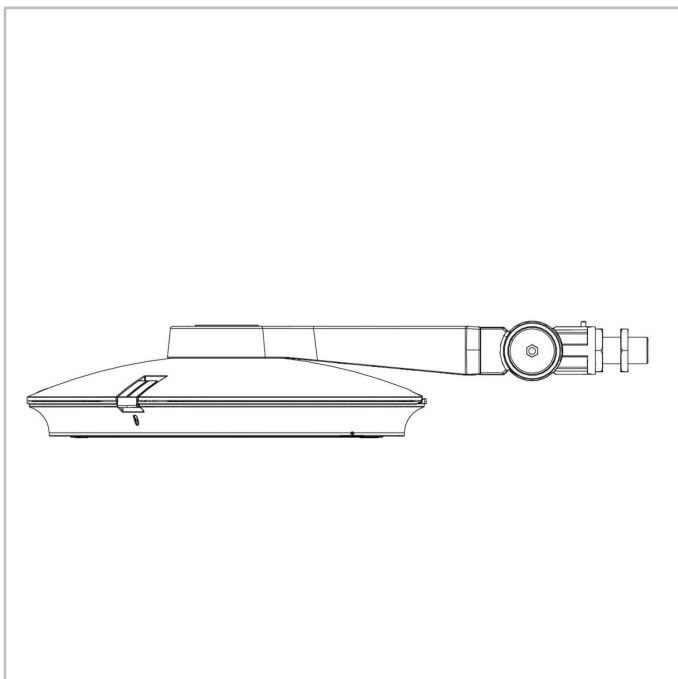
FLEXIA FG | Knuckle joint side-entry
penetrating Ø48 mm



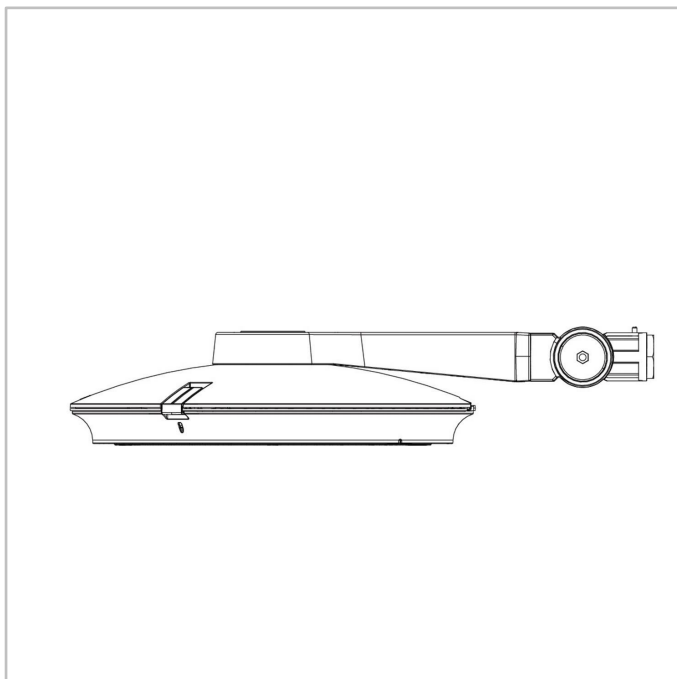
FLEXIA FG | Knuckle joint side-entry 60X50
square mounting



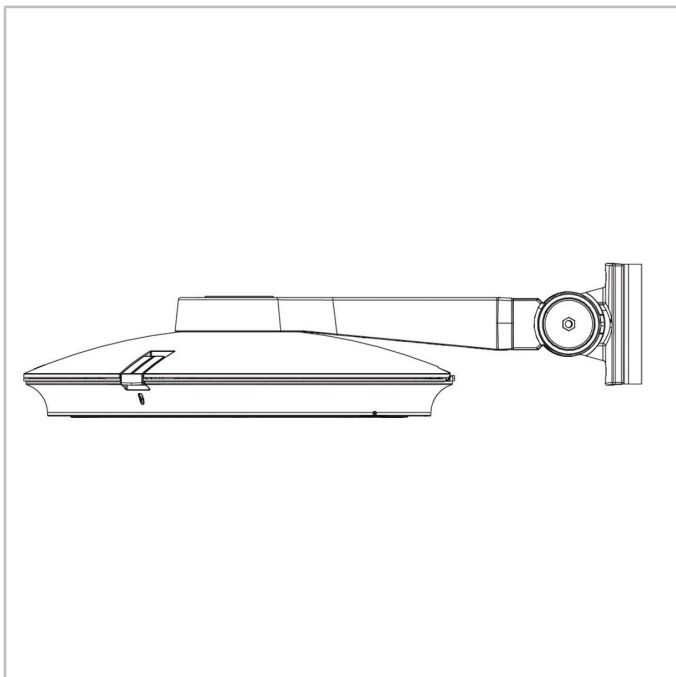
FLEXIA FG | Knuckle joint side-entry 1" gas
mounting



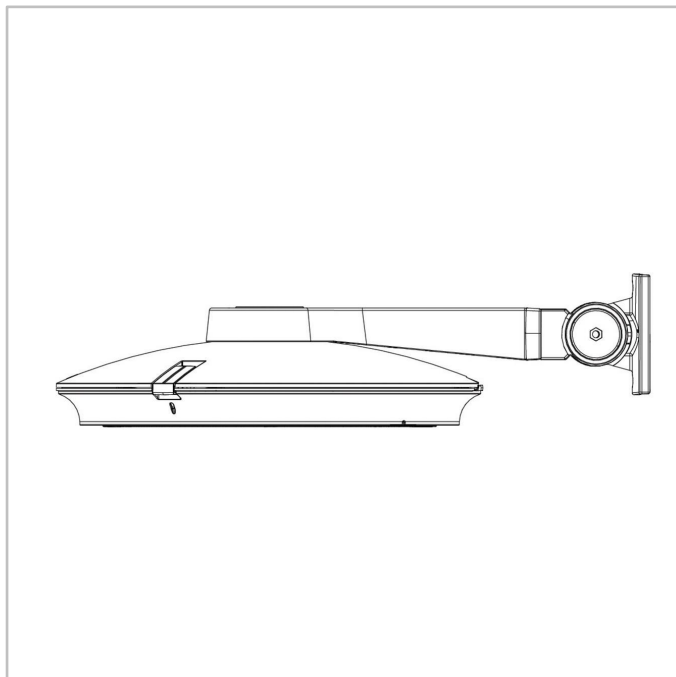
FLEXIA FG | Knuckle joint 1" gas side-entry
enclosing mounting



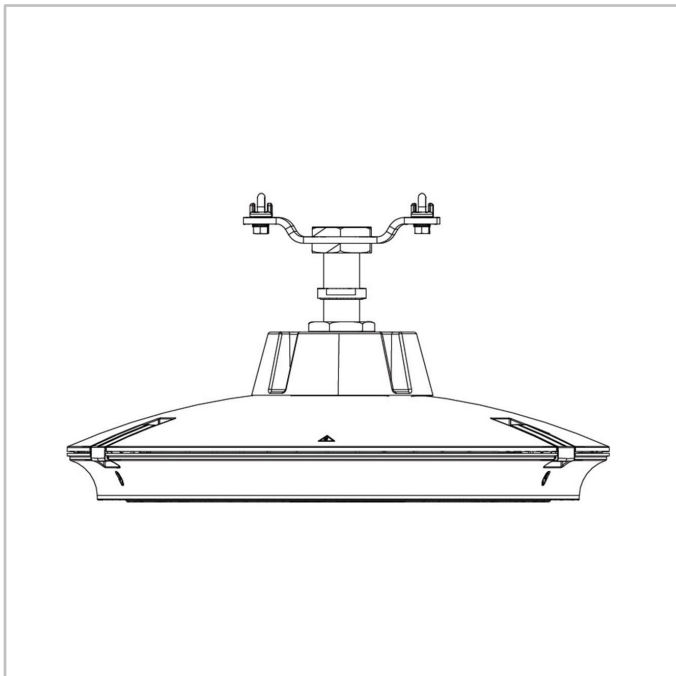
FLEXIA FG | Knuckle joint surface mounting



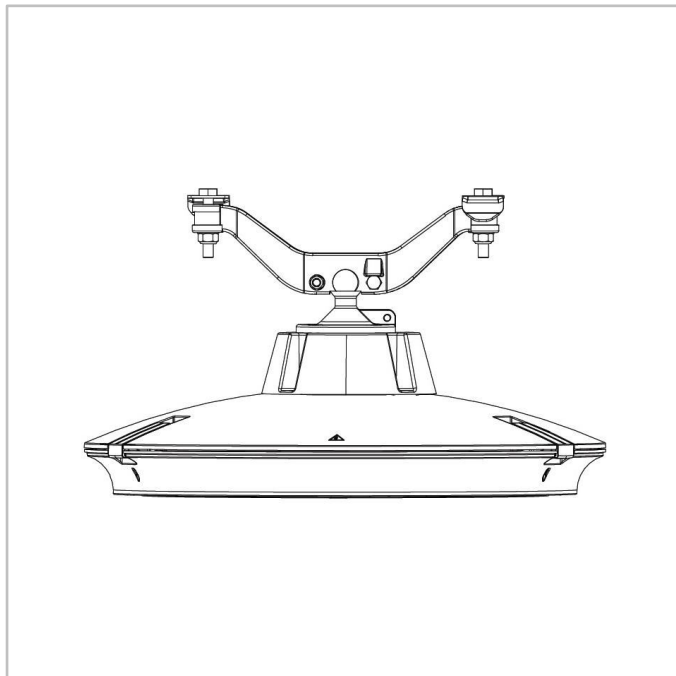
FLEXIA FG | Knuckle rear bracket mounting



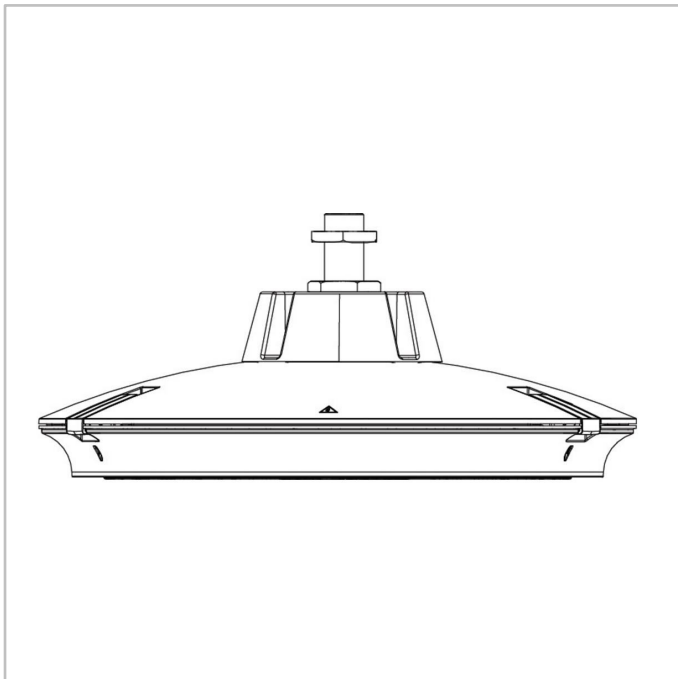
FLEXIA FG | Catenary fixed mounting (Midi only)



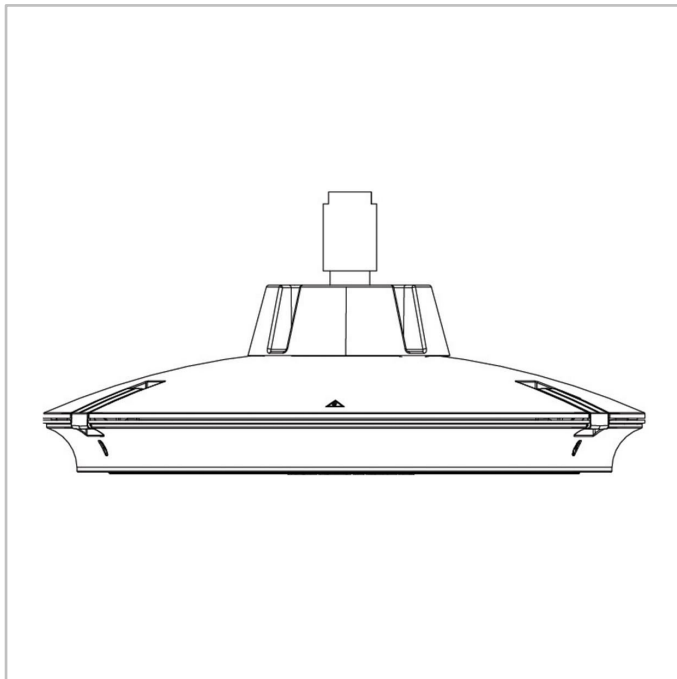
FLEXIA FG | Catenary swiveling mounting (Midi only)



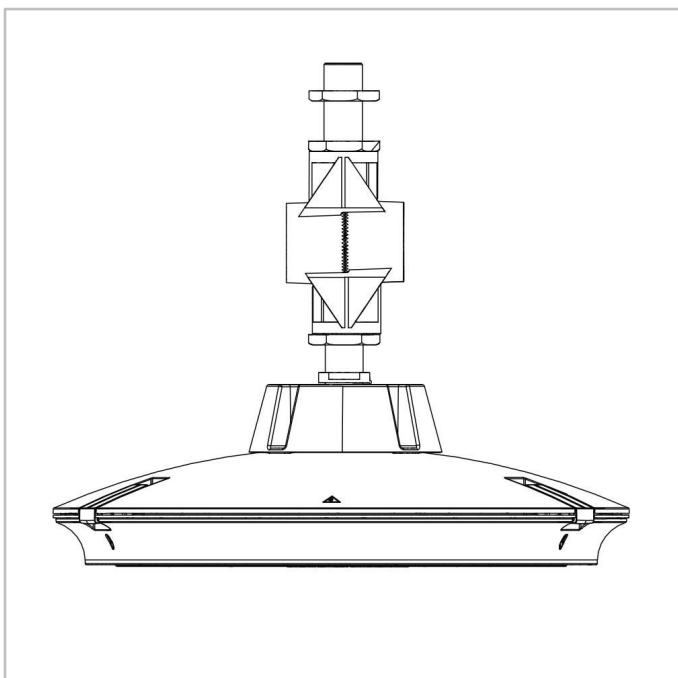
FLEXIA FG | Suspended with fixed 1" gas mounting



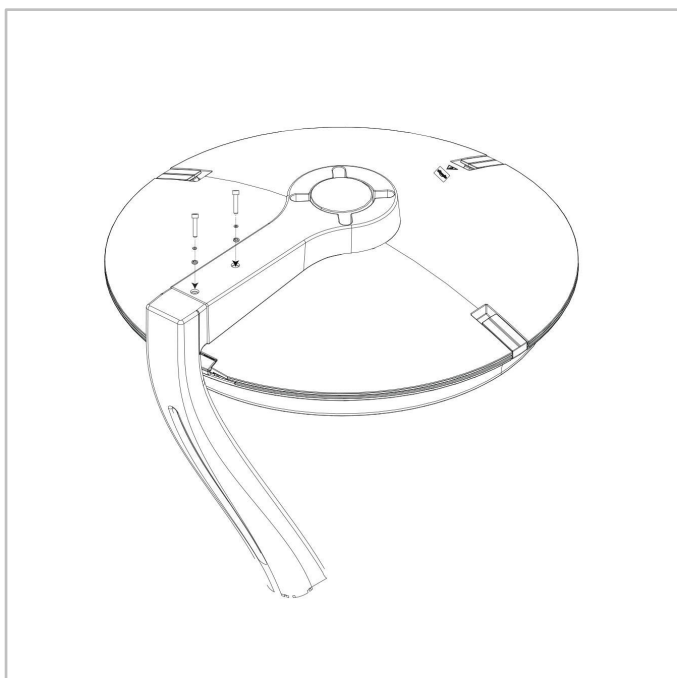
FLEXIA FG | Suspended with 1" gas enclosing mounting



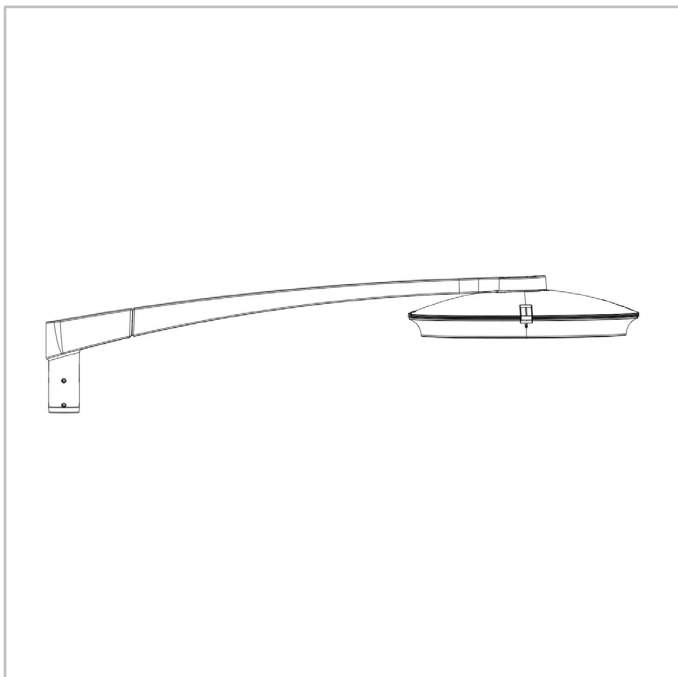
FLEXIA FG | Suspended with knuckle joint 1" gas mounting



FLEXIA FG | Evens bracket (Midi only)



FLEXIA FG | Sofia bracket (2 sizes)






	Number of LEDs	mA	Luminaire output flux (lm) FlexiWhite 722 722		Luminaire output flux (lm) FlexiWhite 726 726		Luminaire output flux (lm) FlexiWhite 730 730		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		W	lm/W	Photometry
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			
FLEXIA FG MIDI	10	200	-	-	-	-	-	-	700	800	800	900	700	800	800	1000	7.8	128	
	10	300	-	-	-	-	-	-	1100	1200	1200	1300	1100	1200	1200	1400	10.8	130	
	10	300	1000	1000	1100	1200	1200	1200	-	-	-	-	-	-	-	-	10.5	114	
	10	310	-	-	-	-	-	-	1100	1300	1200	1400	1100	1300	1300	1400	11.1	126	
	10	400	-	-	-	-	-	-	1400	1600	1500	1700	1400	1600	1600	1800	13.8	130	
	10	400	1300	1300	1500	1500	1600	1600	-	-	-	-	-	-	-	-	13.6	118	
	10	500	-	-	-	-	-	-	1700	2000	1900	2100	1700	2000	2000	2200	17	129	
	10	500	1600	1700	1800	1900	2000	2000	-	-	-	-	-	-	-	-	17.1	117	
	10	600	-	-	-	-	-	-	2000	2300	2200	2400	2000	2300	2300	2600	20.5	127	
	10	600	1900	1900	2100	2100	2200	2300	-	-	-	-	-	-	-	-	20.4	113	
	10	650	-	-	-	-	-	-	2200	2400	2300	2600	2200	2400	2400	2700	22.2	122	
	10	700	2200	2200	2400	2500	2600	2700	-	-	-	-	-	-	-	-	23.7	114	
	10	730	2200	2300	2500	2600	2700	2800	-	-	-	-	-	-	-	-	24.7	113	
	20	200	-	-	-	-	-	-	1500	1700	1600	1900	1500	1700	1700	2000	13.8	145	
	20	200	1400	1400	1600	1600	1700	1700	-	-	-	-	-	-	-	-	13.3	128	
	20	300	-	-	-	-	-	-	2200	2500	2400	2700	2200	2500	2500	2900	19.8	146	
	20	300	2100	2100	2300	2400	2500	2500	-	-	-	-	-	-	-	-	19.3	130	
	20	400	-	-	-	-	-	-	2900	3300	3100	3500	2900	3300	3300	3700	25.9	143	
	20	400	2700	2700	3000	3100	3200	3300	-	-	-	-	-	-	-	-	25.5	129	
	20	500	-	-	-	-	-	-	3600	4000	3800	4300	3600	4000	4000	4500	32.3	139	




















Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$



			Luminaire output flux (lm) FlexiWhite 722 722		Luminaire output flux (lm) FlexiWhite 726 726		Luminaire output flux (lm) FlexiWhite 730 730		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		W	lm/W	
	Number of LEDs	mA	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		Up to	Photometry
FLEXIA FG MIDI	20	500	3300	3400	3700	3800	4000	4100	-	-	-	-	-	-	-	-	31.9	129	
	20	600	-	-	-	-	-	-	4200	4700	4400	5000	4200	4700	4700	5300	38.9	136	
	20	600	3900	3900	4300	4400	4600	4800	-	-	-	-	-	-	-	-	38.2	126	
	20	700	-	-	-	-	-	-	4700	5300	5000	5700	4700	5300	5300	6000	45.5	132	
	20	700	4400	4500	4900	5000	5300	5400	-	-	-	-	-	-	-	-	44	123	
	20	800	-	-	-	-	-	-	5200	5900	5600	6300	5200	5900	5900	6600	52.5	126	
	20	800	4900	5000	5500	5600	5900	6000	-	-	-	-	-	-	-	-	50.5	119	
	20	900	-	-	-	-	-	-	5700	6400	6100	6900	5700	6400	6400	7200	59.5	121	
	20	900	5400	5500	6000	6200	6500	6600	-	-	-	-	-	-	-	-	57	116	
	20	1000	-	-	-	-	-	-	6100	6900	6500	7400	6100	6900	6900	7800	66.5	117	
	20	1000	5800	6000	6500	6700	7000	7200	-	-	-	-	-	-	-	-	64	112	
	40	200	-	-	-	-	-	-	3100	3500	3300	3800	3100	3500	3500	4000	24.3	165	
	40	300	-	-	-	-	-	-	4500	5100	4800	5500	4500	5100	5100	5800	37	157	
	40	350	-	-	-	-	-	-	5200	5900	5600	6300	5200	5900	5900	6600	43	153	
	40	400	-	-	-	-	-	-	5900	6600	6300	7100	5900	6600	6600	7500	50	150	
	40	500	-	-	-	-	-	-	7100	8000	7600	8500	7100	8000	8000	9000	62.2	145	
	40	600	-	-	-	-	-	-	8200	9300	8800	9900	8200	9300	9300	10500	75	140	
	40	700	-	-	-	-	-	-	9300	10500	9900	11200	9300	10500	10400	11800	88	134	

Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$



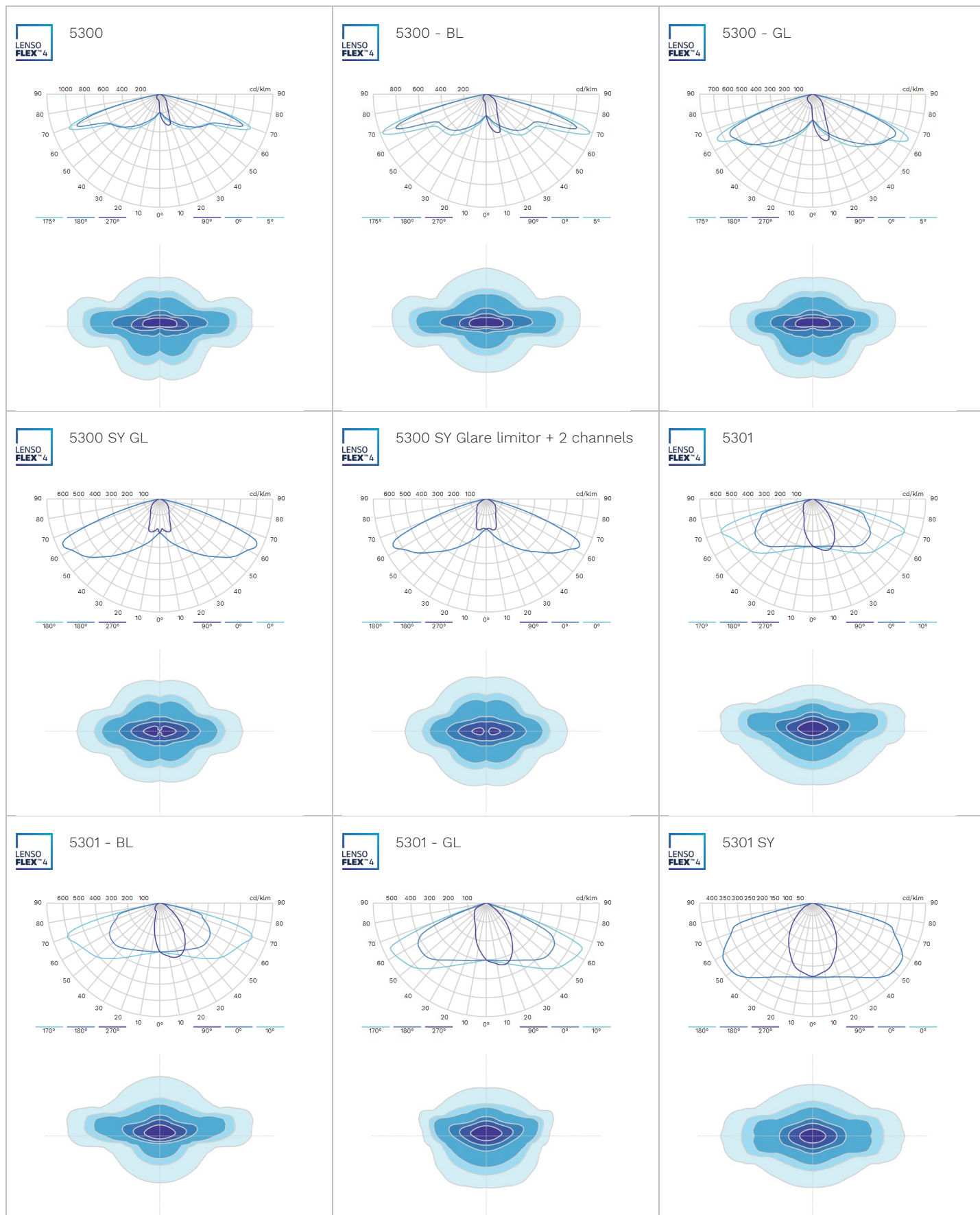
			Luminaire output flux (lm) FlexiWhite 722		Luminaire output flux (lm) FlexiWhite 726		Luminaire output flux (lm) FlexiWhite 730		Luminaire output flux (lm) Warm White 727		Luminaire output flux (lm) Warm White 730		Luminaire output flux (lm) Warm White 830		Luminaire output flux (lm) Neutral White 740		W	lm/W	
	Number of LEDs	mA	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		Up to	Photometry
FLEXIA FG MAXI	30	200	1800	2000	2000	2300	2100	2500	-	-	-	-	-	-	-	-	19.6	128	
	30	300	2700	3200	3000	3500	3300	3800	-	-	-	-	-	-	-	-	28.4	134	
	30	400	3600	4200	4100	4700	4400	5100	-	-	-	-	-	-	-	-	37.5	136	
	30	460	4100	4800	4600	5400	5000	5800	-	-	-	-	-	-	-	-	43	135	
	30	500	4500	5200	5000	5800	5400	6200	-	-	-	-	-	-	-	-	46.5	133	
	30	600	5200	6100	5900	6800	6300	7300	-	-	-	-	-	-	-	-	56	130	
	30	700	6000	6900	6700	7800	7200	8300	-	-	-	-	-	-	-	-	65.5	127	
	30	800	6600	7700	7400	8600	8000	9200	-	-	-	-	-	-	-	-	75	123	
	30	850	6900	8000	7700	9000	8300	9700	-	-	-	-	-	-	-	-	79	123	
	30	900	7200	8400	8100	9400	8700	10100	-	-	-	-	-	-	-	-	86	117	
	30	1000	7700	9000	8700	10100	9300	10800	-	-	-	-	-	-	-	-	96	112	
	40	200	2400	2700	2600	3100	2800	3300	-	-	-	-	-	-	-	-	25.7	128	
	40	300	3600	4200	4100	4700	4400	5100	-	-	-	-	-	-	-	-	37.3	137	
	40	350	4300	5000	4800	5600	5200	6100	-	-	-	-	-	-	-	-	43.5	140	
	40	400	4800	5600	5400	6300	5800	6800	-	-	-	-	-	-	-	-	49.5	137	
	40	500	6000	6900	6700	7800	7200	8300	-	-	-	-	-	-	-	-	62	134	
	40	600	7000	8100	7800	9100	8400	9800	-	-	-	-	-	-	-	-	74	132	
	40	650	7500	8700	8400	9700	9000	10500	-	-	-	-	-	-	-	-	80	131	
	40	700	8000	9200	8900	10400	9600	11100	-	-	-	-	-	-	-	-	87	128	

Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$



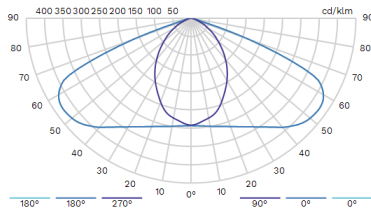
	Number of LEDs	mA	Luminaire output flux (lm) FlexiWhite 722 722		Luminaire output flux (lm) FlexiWhite 726 726		Luminaire output flux (lm) FlexiWhite 730 730		Luminaire output flux (lm) Warm White 727		Luminaire output flux (lm) Warm White 730		Luminaire output flux (lm) Warm White 830		Luminaire output flux (lm) Neutral White 740		w	lm/w	Photometry
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			
FLEXIA FG MAXI	40	800	8800	10300	9900	11500	10600	12300	-	-	-	-	-	-	-	-	100	123	
	40	900	9600	11200	10800	12500	11600	13500	-	-	-	-	-	-	-	-	113	119	
	40	930	9800	11400	11000	12800	11900	13800	-	-	-	-	-	-	-	-	117	118	
	60	200	-	-	-	-	-	-	4700	5200	5000	5600	4700	5300	5300	5900	37.8	156	
	60	300	-	-	-	-	-	-	6700	7600	7200	8100	6800	7600	7600	8600	55	156	
	60	400	-	-	-	-	-	-	8700	9700	9300	10400	8700	9800	9800	11000	73	151	
	60	500	-	-	-	-	-	-	10400	11700	11100	12500	10400	11800	11700	13200	92	143	
	60	600	-	-	-	-	-	-	11900	13400	12800	14400	12000	13500	13500	15200	116	131	
	60	700	-	-	-	-	-	-	13300	15000	14200	16000	13400	15100	15000	16900	134	126	
	60	800	-	-	-	-	-	-	14600	16500	15700	17600	14700	16600	16500	18600	151	123	
	80	200	-	-	-	-	-	-	6200	7000	6700	7500	6300	7100	7100	7900	48	165	
	80	300	-	-	-	-	-	-	9000	10100	9700	10900	9100	10200	10200	11500	72	160	
	80	350	-	-	-	-	-	-	10300	11600	11100	12400	10400	11700	11700	13100	84	156	
	80	400	-	-	-	-	-	-	11600	13000	12400	13900	11600	13100	13100	14700	97	152	
	80	500	-	-	-	-	-	-	13900	15600	14800	16700	13900	15700	15700	17600	123	143	
	80	600	-	-	-	-	-	-	15900	17900	17100	19200	16000	18000	18000	20300	149	136	
	80	700	-	-	-	-	-	-	17700	20000	19000	21400	17800	20100	20100	22600	174	130	

Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$



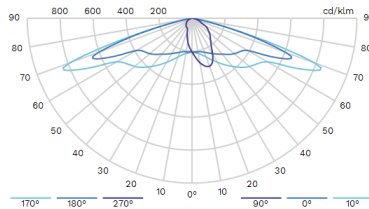
LENSO
FLEX⁴

5301 SY GL



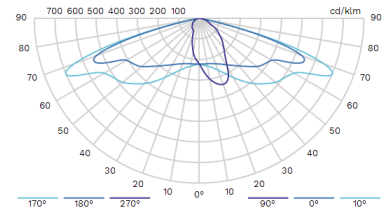
LENSO
FLEX⁴

5302 - Back light + 2 Channels



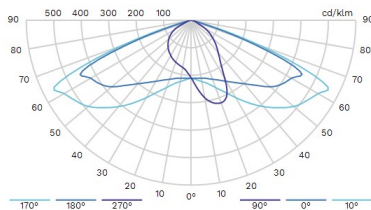
LENSO
FLEX⁴

5302 - BL



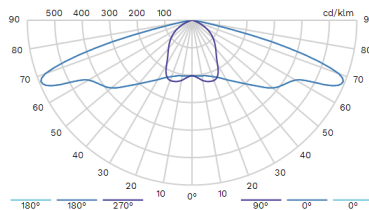
LENSO
FLEX⁴

5302 - GL



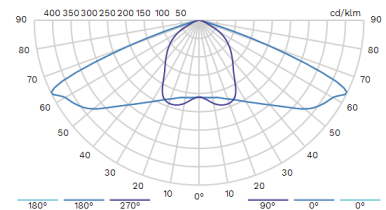
LENSO
FLEX⁴

5302 SY



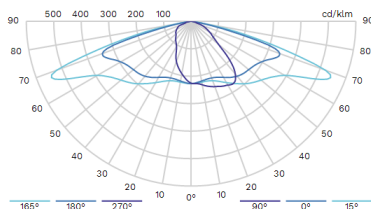
LENSO
FLEX⁴

5302 SY GL



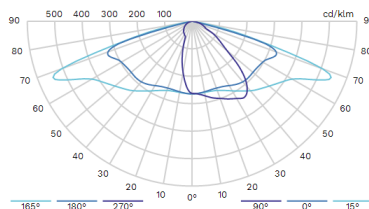
LENSO
FLEX⁴

5303 - 2 channels



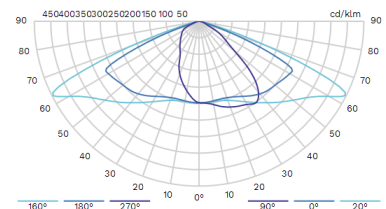
LENSO
FLEX⁴

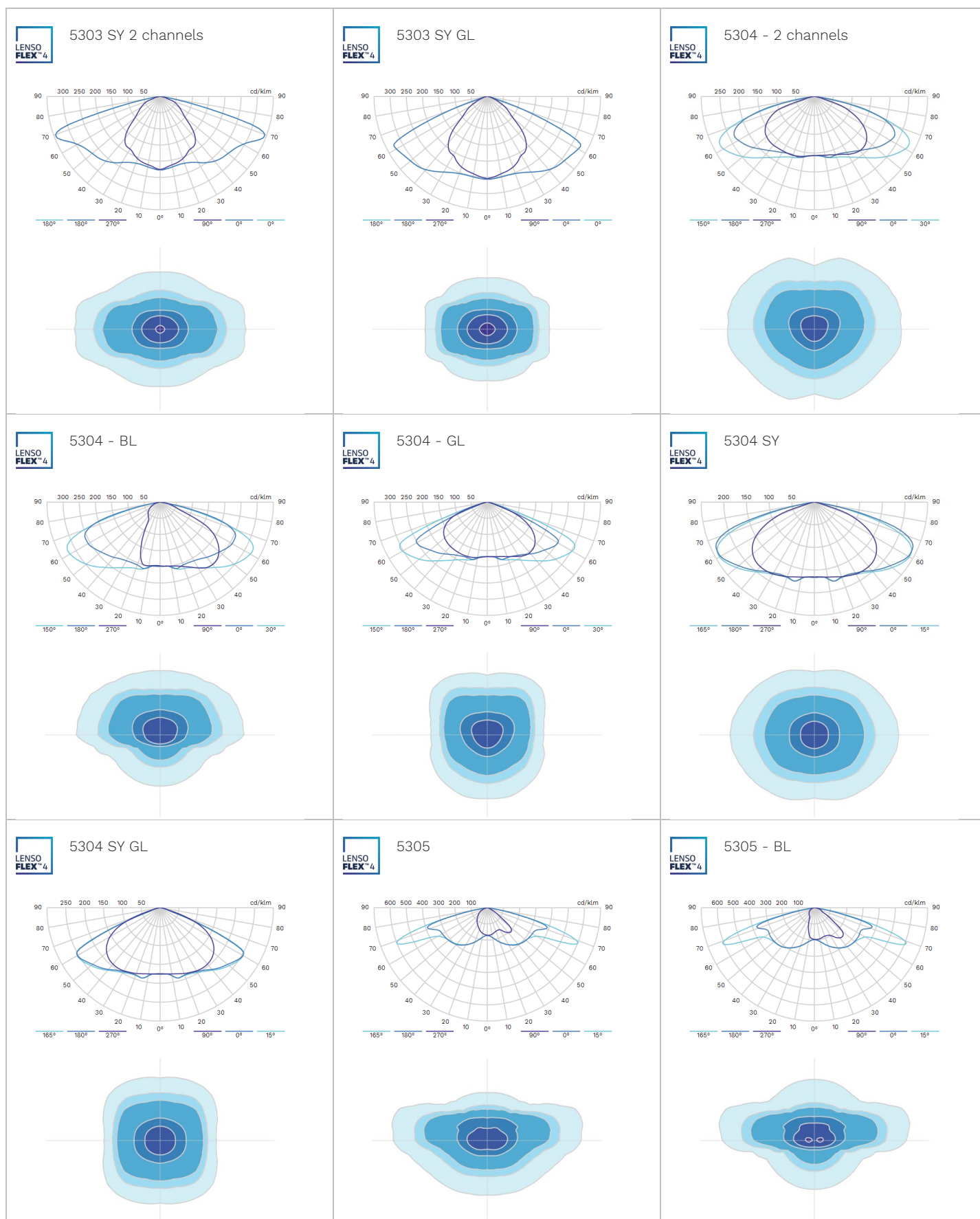
5303 - BL

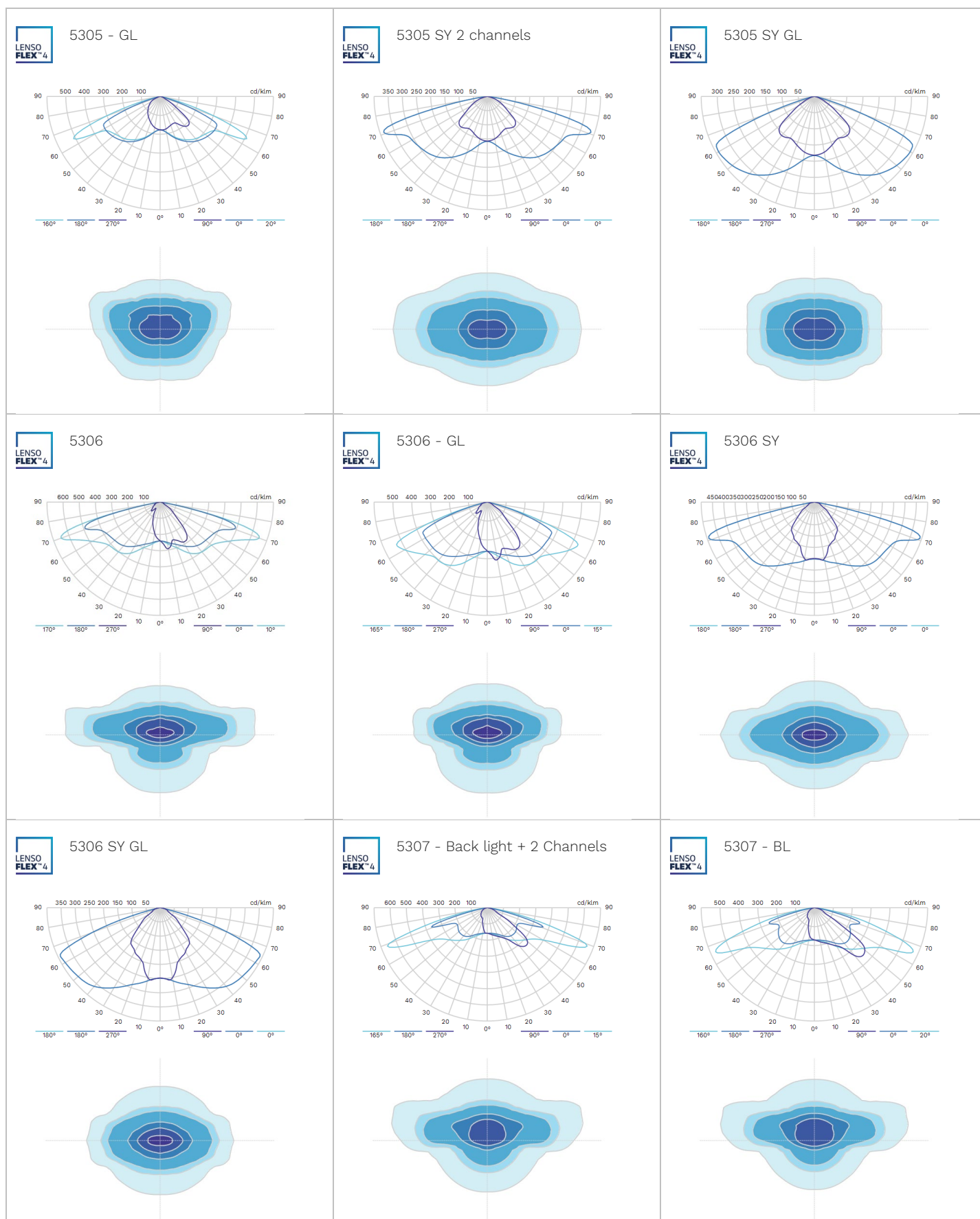


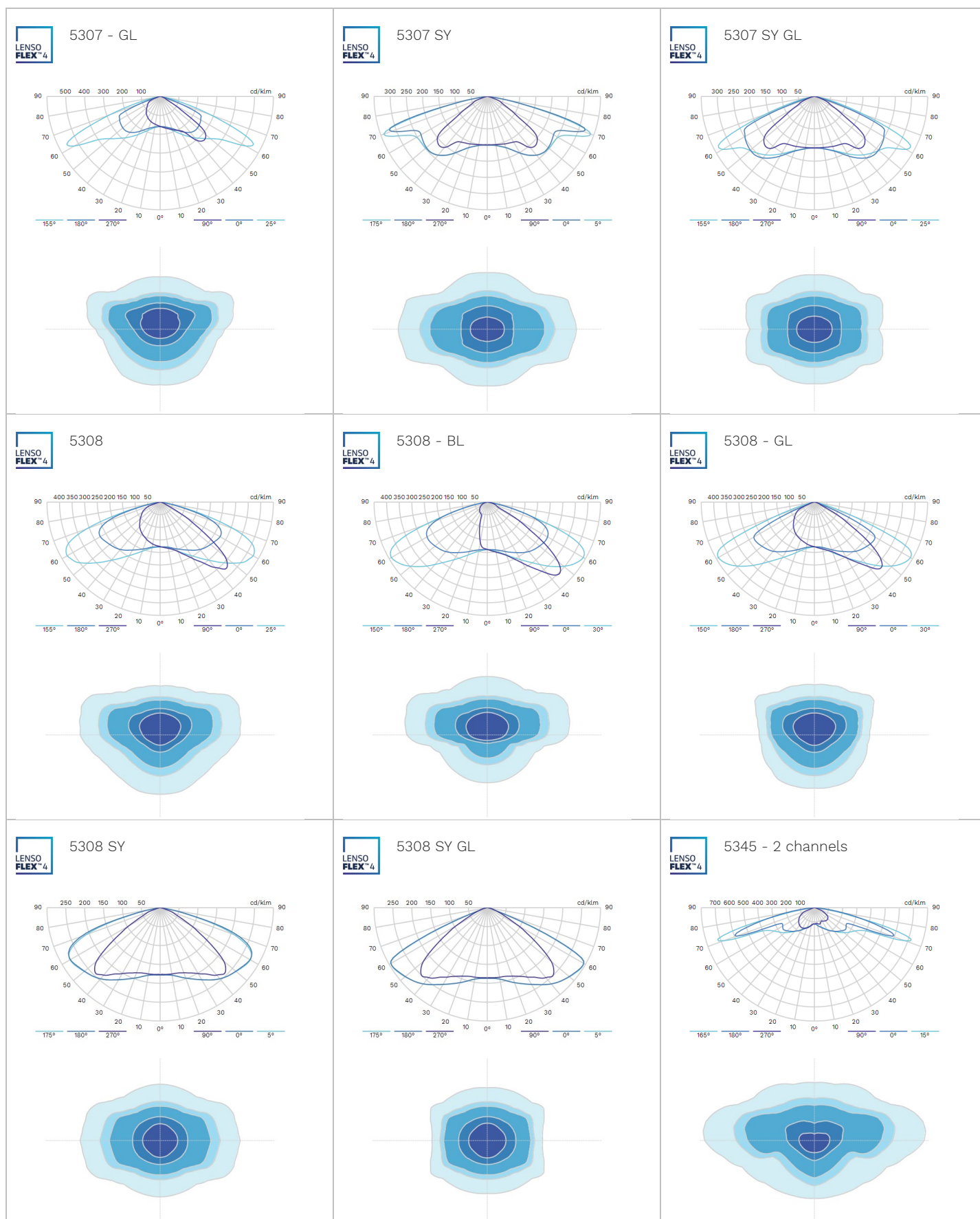
LENSO
FLEX⁴

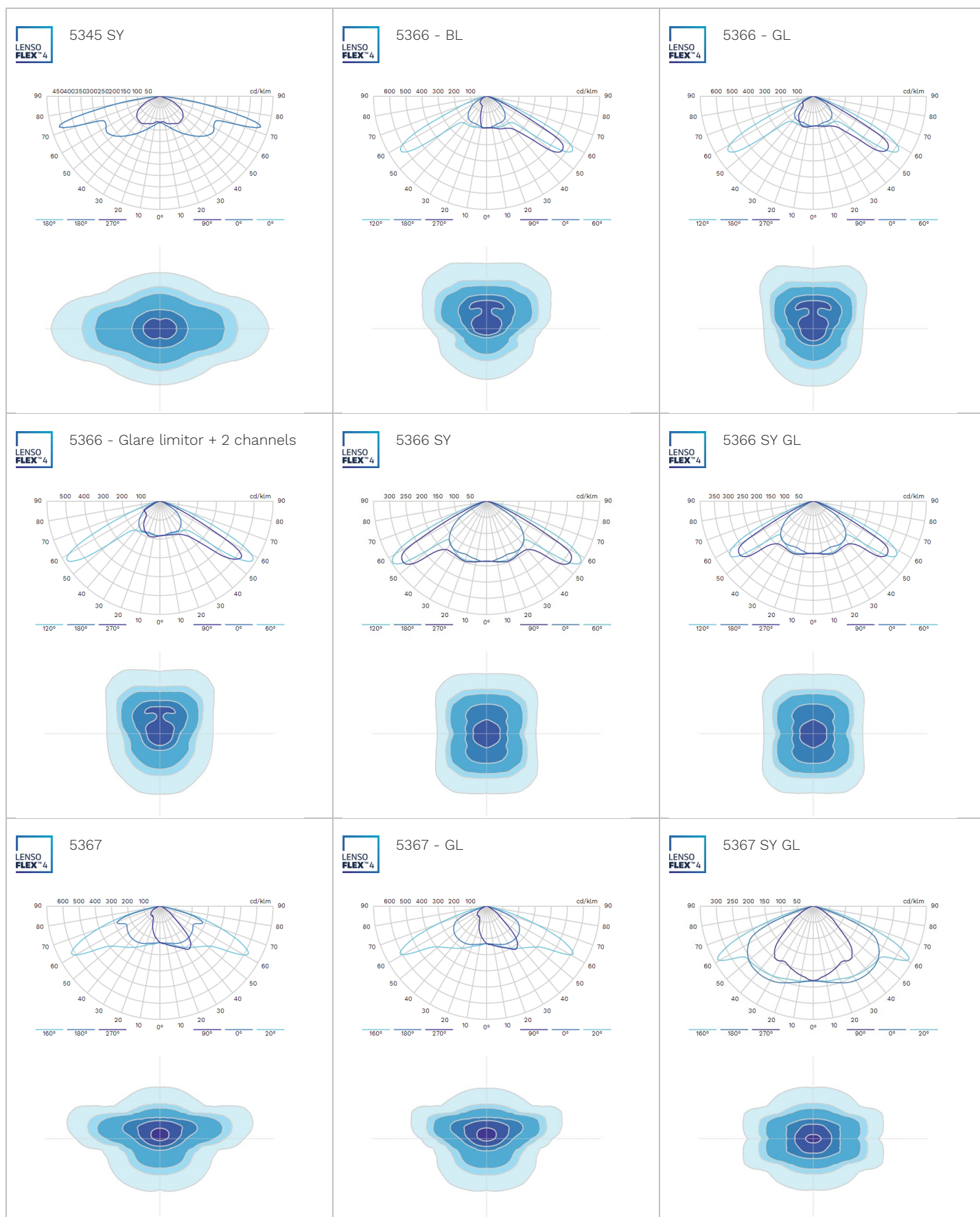
5303 - GL



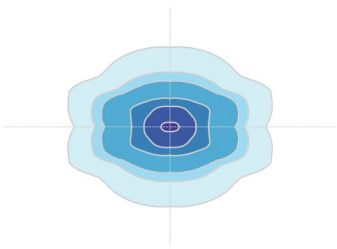
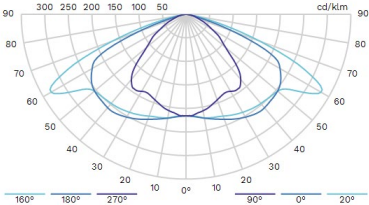




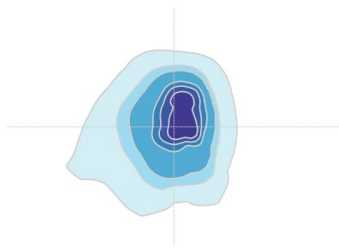
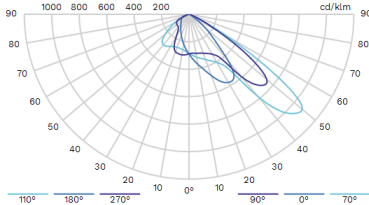




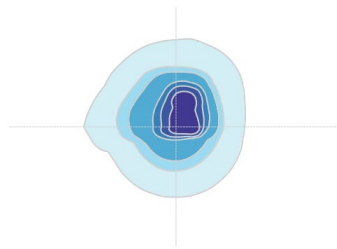
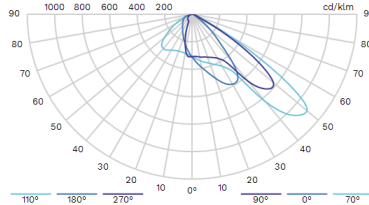
LENSO FLEX⁴ 5367 SY Glare limiter + 2 channels



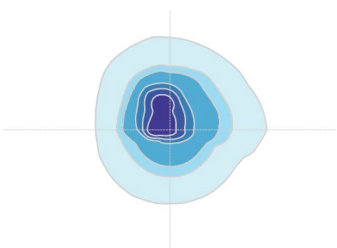
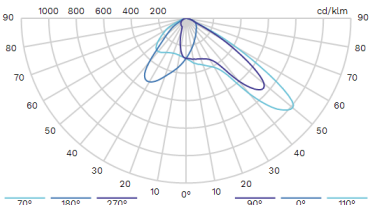
LENSO FLEX⁴ 5369 Zebra right



LENSO FLEX⁴ 5369 Zebra right BL



LENSO FLEX⁴ 5370 Zebra left Back light + 2 Channels



LENSO FLEX⁴ 5370 Zebra left BL

