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**LINURA**

LED LINEAR LUMINAIRE FAMILY / SMART LIGHTING



# LINURA. THE LIGHT OF NEW POSSIBILITIES

Whether in terms of lighting performance, design, product range or installation: LINURA scores highly in every discipline. With the most powerful light possible for optimum visibility. With shapes that are as slimline as possible, to fit into any space available. With as many variants as possible for even more applications. Last but not least, with an installation as easy as possible. Wherever lighting conditions are good, it is possible to work better and more efficiently – to deliver ultimate quality.



## Performance

Quality smooth, even light for better performance. With the latest LED technology (>170 lm / W) and a PMMA acrylic lens to distribute light with optimum effect, the desired light level is easy to achieve with smaller or fewer fixtures.

## Quality

Robust housing, less downtime. A strong aluminum profile and a lens made of PMMA acrylic provide strength and resistance from the surrounding environment. The special sealing makes LINURA.edge resistant to high ambient temperatures, liquids and dust (IP54).

## Design

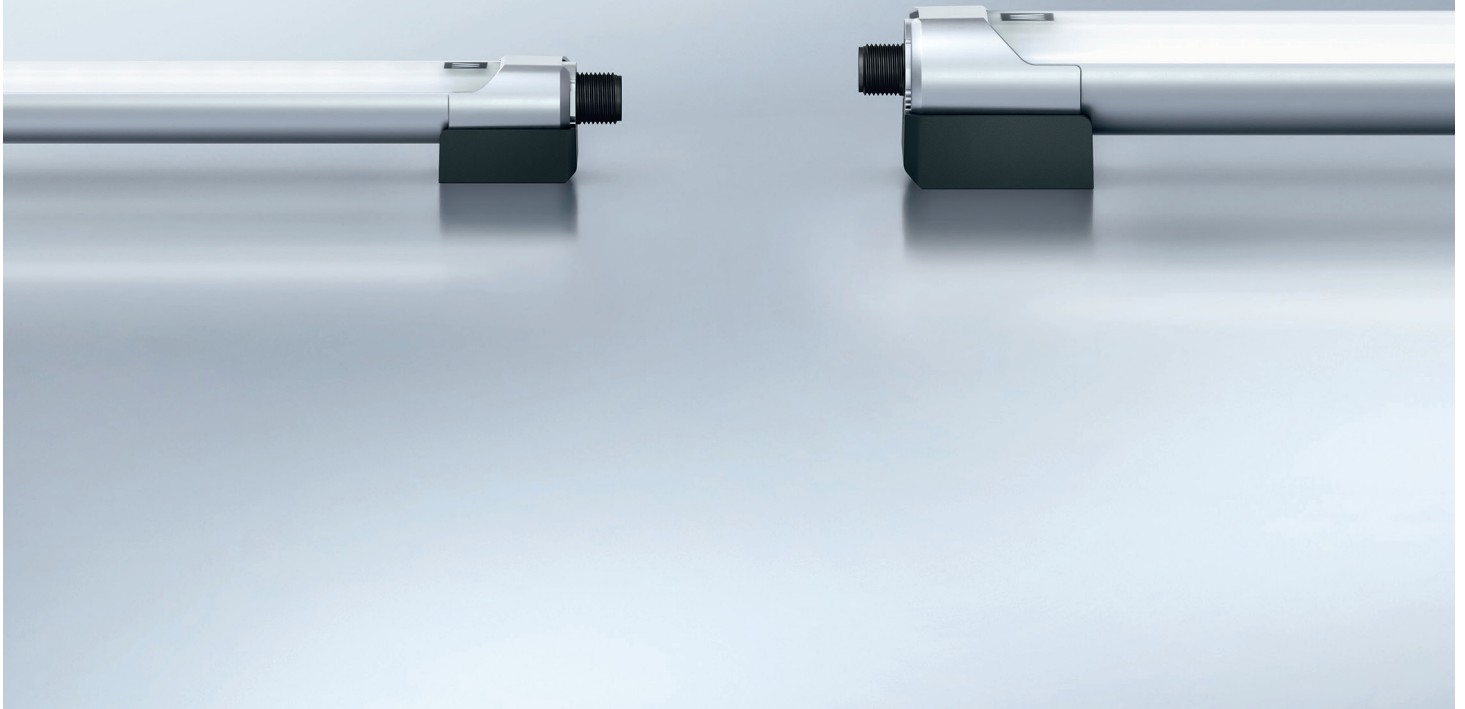
Slim, streamlined, less space required. Small dimensions (measuring less than an inch in diameter) and 10 variable lengths based on a 5.5" grid, make it easier than ever to get light where you need it, where bright lighting is essential.

## Connection

More connection options, less wiring. LINURA.edge has an integrated M12 connection and can connect with other fixtures. Control is performed via digital interfaces, greatly reducing the amount of wiring needed. Brackets (included) allow for an adjustment range of +/- 60°.

# AS ADAPTABLE AS POSSIBLE

LINURA.edge, the standard variant for wherever more light is needed in an industrial application. Its diameter of 25 mm also makes it ideal for use in confined spaces. And LINURA.maxx, the high-performance variant, for wherever even more light is needed. With a diameter of 35 mm, it also covers maximum lighting needs. This ensures that appropriate lighting is always there, wherever it is needed.



## LINURA.edge

The appropriate light color for every application LINURA.edge, with a diameter of 25 mm is the thinnest possible luminaire. It is available in 10 lengths ranging from 195 – 1455 mm and in these variants: white (5 000 K / Ra > 80) for normal production processes and RGB (multi-colored) to display machine and process statuses.

25 mm in diameter,  $\emptyset$   
available in 10 different lengths

## LINURA.maxx

Robust housing, less downtime. A strong aluminum profile and a lens made of PMMA acrylic provide strength and resistance from the surrounding environment. The special sealing makes LINURA.edge resistant to high ambient temperatures, liquids and dust (IP54).

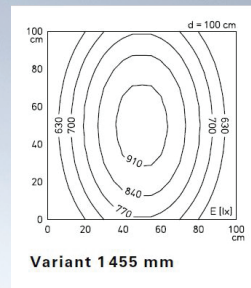
$\emptyset$  35 mm in diameter,  
available in 6 different lengths



## LINURA.edge

Waldmann's newest LED surface-mounted lighting is designed for industrial applications including automation. Its narrow profile and tilt radius of  $\pm 60^\circ$ , makes LINURA.edge ideal for enclosures. The slim design allows it to blend in seamlessly wherever it is used. The M12 connection also makes it extremely simple to connect and operate.

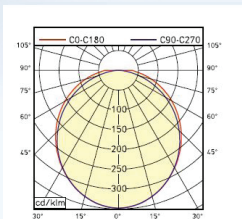
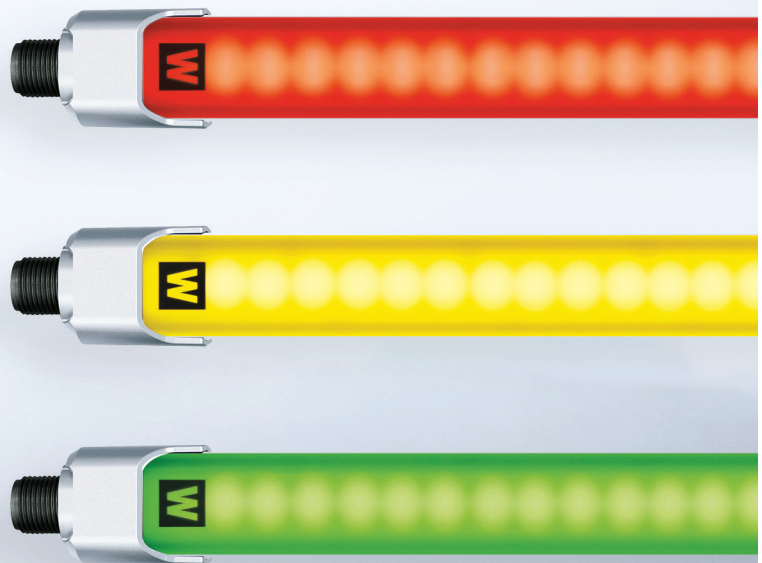
- ▶ White light (5 000 K / Ra > 80) to illuminate different production processes
- ▶ Digital input for powerless switching
- ▶ ADVANCED package for gradual dimming, automatic dimming when temperature limits are exceeded (at  $T_a > 50^\circ\text{C}$ ), and for connecting an RGB luminaire (variants)
- ▶ Through-wiring for electrical interlinking of several luminaires (variants)



## LINURA.RGB

Seven adjustable light colors for status messages and design effects. Digital input for powerless switching. Thru-wiring operation with white lights possible (common actuation of both lights via one single feed line.)

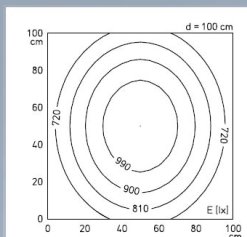
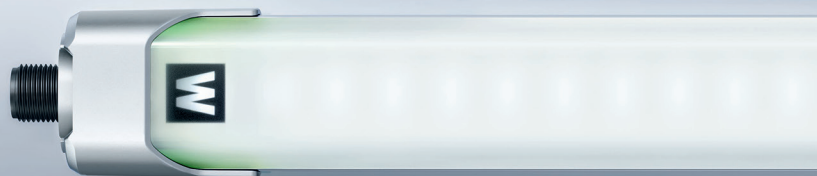
- ▶ Digital inputs for powerless switching
- ▶ 7 colors for status messages and design effects



# LINURA.maxx

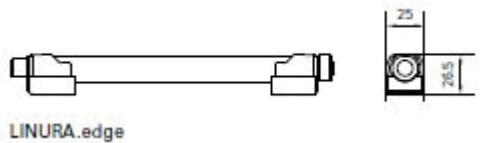
Wherever good lighting – and a lot of it – is needed, LINURA.maxx delivers. This slimline luminaire does more than just deliver power, it is also really smart: Available with ADVANCED package or IO-Link, it provides intelligent lighting solutions for automation. Via an IO-Link interface, it can also be integrated seamlessly into all IO-Link architectures.

- White light (5000 K / Ra > 80) for the illumination of various types of production processes
- ADVANCED package for powerless switching, progressive dimming and automatic dimming when temperature limits are exceeded (at  $T_a > 50\text{ °C}$ ) (variants)
- Through-wiring for electrical interlinking of several luminaires (variants)
- IO-Link interface for the configuration and control of lighting functions such as switching, dimming and flashing, as well as for evaluating diagnostic information and error messages (variants)

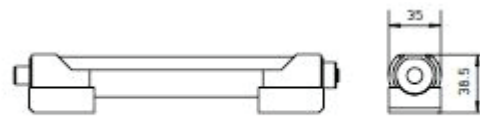


Variant 0895 mm





LINURA.edge



LINURA.maxx

## Specifications

Light source:	LED
Beam angle:	90°
Glare-free technology:	direct beam with diffuser lens
Housing material:	anodized aluminum
Lens material:	PMMA plexiglass
Ambient temperature:	104° F
LED service life:	> 60,000 hours [L70 B50]
Protection rating:	IP54
Connection:	M12 plug connector, A-coded
Voltage :	22–26 VDC
Certification:	CE, cETLus
Accessories:	M12 connector, cable, and operating device



## ORDERING INFORMATION

Part No	Length	Special Features	Wattage	Lumens	Thru-wire
<b>LINURA.edge</b>					
114032000-00801320	7.7"		3W	315	Yes
114033000-00801340	7.7"		3W	315	No
114034000-00801344	13.2"		6W	630	Yes
114035000-00801346	13.2"		6W	630	No
114036000-00801348	18.7"		9W	945	Yes
114037000-00801349	18.7"		9W	945	No
114038000-00801350	24.2"		12W	1260	Yes
114039000-00801355	24.2"		12W	1260	No
114041000-00801360	29.7"		15W	1575	No
114040000-00801356	29.7"		15W	1575	Yes
114042000-00801366	35.2"		18W	1890	Yes
114043000-00801374	35.2"		18W	1890	No
114045000-00801392	40.7"		21W	2205	No
114044000-00801380	40.7"		21W	2205	Yes
114046000-00801393	46.3"		24W	2520	Yes
114047000-00801394	46.3"		24W	2520	No
114048000-00801396	51.7"		27W	2835	Yes
114049000-00801397	51.7"		27W	2835	No
114050000-00801408	57.2"		30W	3150	Yes
114051000-00801409	57.2"		30W	3150	No
114080000-00803510	7.7"	Advanced	2.5W	315	No
114081000-00803511	7.7"	Advanced	2.5W	315	Yes
114083000-00803513	13.2"	Advanced	5W	630	Yes
114082000-00803512	13.2"	Advanced	5W	630	No
114084000-00803550	18.7"	Advanced	7.5W	945	No
114085000-00803551	18.7"	Advanced	7.5W	945	Yes
114087000-00803553	24.2"	Advanced	10W	1260	Yes
114086000-00803552	24.2"	Advanced	10W	1260	No
114088000-00803555	29.7"	Advanced	12.5W	1575	No
114089000-00803561	29.7"	Advanced	12.5W	1575	Yes
114091000-00803583	35.2"	Advanced	15W	1890	Yes
114090000-00803570	35.2"	Advanced	15W	1890	No
114092000-00803585	40.8"	Advanced	17.5W	2205	No
114093000-00803611	40.8"	Advanced	17.5W	2205	Yes
114094000-00803612	46.3"	Advanced	20W	2520	No
114095000-00803612	46.3"	Advanced	20W	2520	Yes
114096000-00803618	51.8"	Advanced	22.5W	2835	No
114097000-00803632	51.8"	Advanced	22.5W	2835	Yes
114099000-00803705	57.3"	Advanced	25W	3150	Yes
114098000-00803703	57.3"	Advanced	25W	3150	No

## ORDERING INFORMATION

Part No	Length	Special Features	Wattage	Lumens	Thru-wire
<b>LINURA.RGB</b>					
114052000-00802116	7.7"	RGB	3W	70	No
114053000-00802117	13.2"	RGB	6W	140	No
114054000-00802118	18.7"	RGB	9W	210	No
114055000-00802119	24.2"	RGB	12W	280	No
<b>LINURA.maxx</b>					
114111000-00804047	7.7"	Advanced	5W	550	No
114112000-00804048	7.7"	Advanced	5W	550	Yes
114114000-00804050	14"	Advanced	9W	1100	No
114115000-00804051	14"	Advanced	9W	1100	Yes
114117000-00804053	18.7"	Advanced	13W	2200	No
114118000-00804054	18.7"	Advanced	13W	2200	Yes
114120000-00804056	24.2"	Advanced	17W	2200	No
114121000-00804056	24.2"	Advanced	17W	2200	Yes
114123000-00804059	29.7"	Advanced	21W	2700	No
114124000-00804060	29.7"	Advanced	21W	2700	Yes
114126000-00804062	35.2"	Advanced	25W	3300	No
114127000-00804063	35.2"	Advanced	25W	3300	Yes
114113000-00804049	14"	IO-Link Interface	9W	1100	No
114116000-00804052	18.7"	IO-Link Interface	13W	1650	No
114119000-00804055	24.2"	IO-Link Interface	17W	2200	No
114122000-00804058	29.7"	IO-Link Interface	21W	2700	No
114125000-00804061	35.2"	IO-Link Interface	25W	3300	No

## ORDERING INFORMATION: ACCESSORIES

Part No	Description
114129000-00805353	Capacitive contact sensor with M12 plug connectors
114128000-00805352	Laser-based time-of-flight sensor with M12 plug connectors
US0009001	CONNECTOR/CABLE: 16' cord with 4-pin, A-coded for 24V, M12 connector, straight
US0009011	CONNECTOR/CABLE: 16' cord with 4-pin, A-coded for 24V, M12 connector, angled
US0009101	CONNECTOR/CABLE FOR RGB MODELS: 16' cord with 5-pin, A-coded for 24V, M12 connector, straight
US0009111	CONNECTOR/CABLE FOR RGB MODELS:: 16' cord with 5-pin, A-coded for 24V, M12 connector, angled
336884M10	CONNECTOR: M12 Connector, A-coded, 4 pin, male (for 24V)
336615M19	CONNECTOR: M12 Connector, A-coded, 5 pin, male (for thru-wire)
209585029	OPERATING DEVICE: Max. Wattage = 20W to run at 100-277V, 50/60Hz
209585030	OPERATING DEVICE: Max. Wattage = 50W to run at 120V, 50/60Hz
209585032	OPERATING DEVICE: Max. Wattage = 96W to run at 120-277V, 50/60Hz

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