Product family

TOLA LINE

Reflectors of the TOLA series are the perfect solution for all everyday needs, specially developed for office, residential or hotel applications, free-form facets ensure perfect color mixtures with TW Tunable White lighting solutions, precise light control, free from glare (>UGR 19), housing made of powder-coated aluminum for tool-free installation in the ceiling, LED circuit board can be changed (screwed), real gold-coated reflectors at extra cost, converters must be ordered separately

TOLA LINE 250

TOLA LINE 450

TOLA LINE 650

TOLA LINE 850

TOLA LINE 1050

CHARACTERISTIC

- Light color: 2700K, 3000K or 4000K
- equipped with MID-Power LED up to 170lm/W
- Fully faceted MICRO downlight (20x20mm) with 2x30° or 2x50° and 50mm distance
- Housing: black RAL9005, silver grey RAL9006, white RAL9016 or special color on request
- Degree of protection: IP20
- The reflectors are also available on request real gold plating
- TW Tunable White on request
- excl. external converter (on request dimmable)

The technical data are rated values for an ambient temperature of 25°C. Luminous flux and power depending on the available selection +/- 10% and tolerance of the color temperature +/- 150 Kelvin.
Misprints and errors are reserved. Drawings and images have the character of sketches. Length specifications without units in millimeters. Object photos represent sample applications regardless of the actual effect.
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Product overview:

Types:

TOLA LINE 250

TOLA LINE 450

TOLA LINE 650

TOLA LINE 850

TOLA LINE 1050

Reflector:

2x 30°

2x 50°

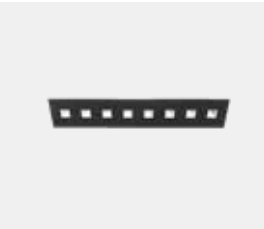
Light color:

2700K superwarm white

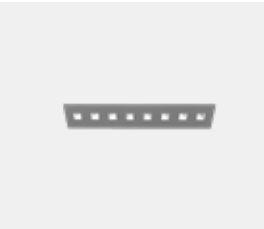
3000K warm white

4000K neutral white

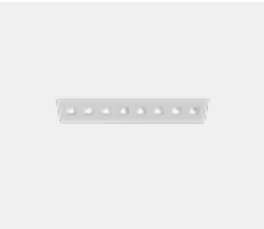
Housing color:



black RAL9005



silvergrey RAL9006



white RAL9016

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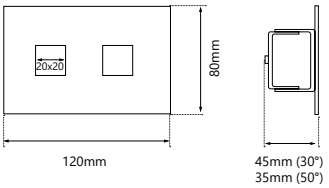
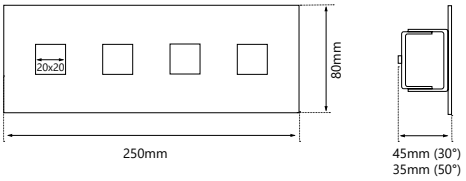
Drawings:



TOLA LINE 250

Cutout & installation depth:
TOLA LINE 250

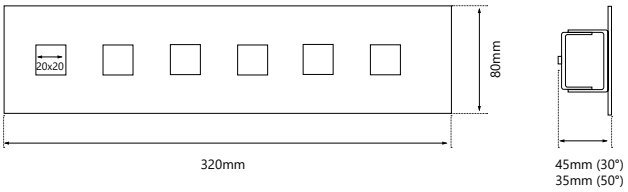
30°	100 x 65 x 55mm
50°	100 x 65 x 45mm



TOLA LINE 450

Cutout & installation depth:
TOLA LINE 450

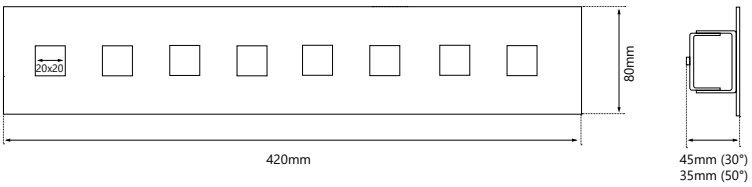
30°	200 x 65 x 55mm
50°	200 x 65 x 45mm



TOLA LINE 650

Cutout & installation depth:
TOLA LINE 650

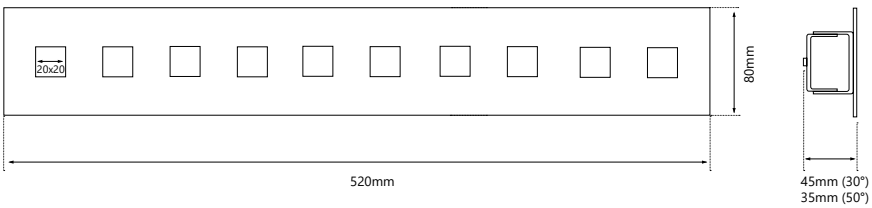
30°	300 x 65 x 55mm
50°	300 x 65 x 45mm



TOLA LINE 850

Cutout & installation depth:
TOLA LINE 850

30°	400 x 65 x 55mm
50°	400 x 65 x 45mm



TOLA LINE 1050

Cutout & installation depth:
TOLA LINE 1050

30°	500 x 65 x 55mm
50°	500 x 65 x 45mm

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Technical information:

TOLA LINE 250

Watt Total:	5W		
LED/ distance:	2x LED (20x20mm), distance 50mm		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 30°:	530lm	540lm	570lm
Net lumen 50°:	590lm	605lm	640lm
Efficiency:	85% (30°) or 95% (50°)		
CRI:	>90Ra		
Angle:	2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/ 200mA		
Others:			

TOLA LINE 450

Watt Total:	14W		
LED/ distance:	4x LED (20x20mm), distance 50mm		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 30°:	1670lm	1730lm	1840lm
Net lumen 50°:	1860lm	1930lm	2060lm
Efficiency:	85% (30°) or 95% (50°)		
CRI:	>90Ra		
Angle:	2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/ 300mA		
Others:			

TOLA LINE 650

Watt Total:	17W		
LED/ distance:	6x LED (20x20mm), distance 50mm		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 30°:	2020lm	2100lm	2240lm
Net lumen 50°:	2260lm	2340lm	2500lm
Efficiency:	85% (30°) or 95% (50°)		
CRI:	>90Ra		
Angle:	2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/ 350mA		
Others:			

TOLA LINE 850

Watt Total:	21W		
LED/ distance:	8x LED (20x20mm), distance 50mm		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 30°:	2500lm	2590lm	2770lm
Net lumen 50°:	2790lm	2890lm	3090lm
Efficiency:	85% (30°) or 95% (50°)		
CRI:	>90Ra		
Angle:	2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/ 450mA		
Others:			

TOLA LINE 1050

Watt Total:	24W		
LED/ distance:	10x LED (20x20mm), distance 50mm		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 30°:	2860lm	2960lm	3160lm
Net lumen 50°:	3190lm	3310lm	3530lm
Efficiency:	85% (30°) or 95% (50°)		
CRI:	>90Ra		
Angle:	2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/500mA		
Others:			

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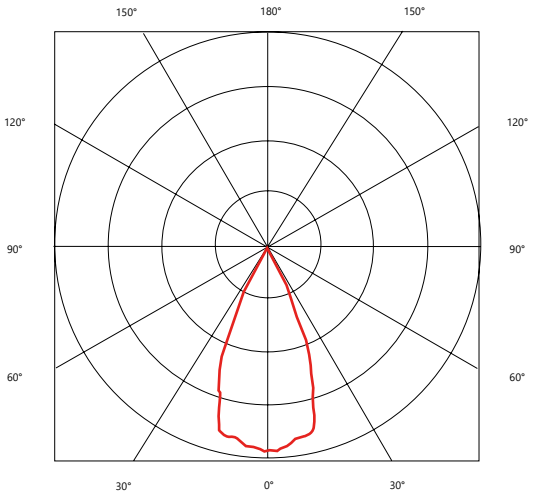
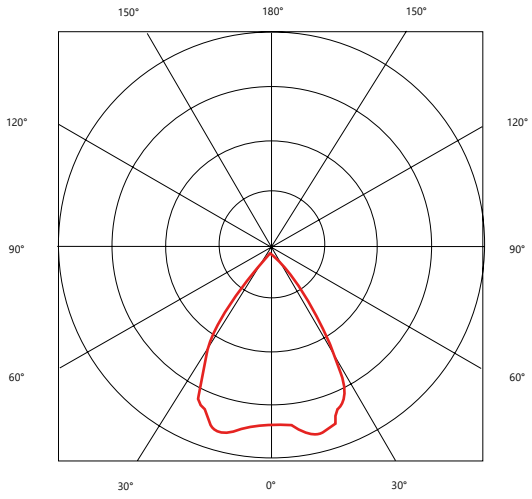
Article overview:

item number	types	LED/Distance	watt	❶ reflector	❷ kelvin	❸ housing
LW-TO-L250-❶-❷-❸	TOLA LINE 250	2x LED 50mm distance	5W	» 30 « 2x 30° » 50 « 2x 50°	» SW « 2700K » WW « 3000K » NW « 4000K	» B « ● RAL 9005 » S « ● RAL 9006 » W « ○ RAL 9016
LW-TO-L450-❶-❷-❸	TOLA LINE 450	4x LED 50mm distance	14W			
LW-TO-L650-❶-❷-❸	TOLA LINE 650	6x LED 50mm distance	17W			
LW-TO-L850-❶-❷-❸	TOLA LINE 850	8x LED 50mm distance	21W			
LW-TO-L1050-❶-❷-❸	TOLA LINE 1050	10x LED 50mm distance	24W			

Light distribution:



2x30°



2x50°

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