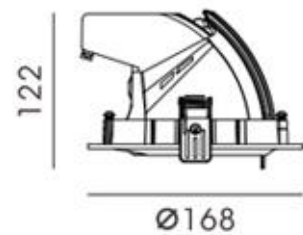
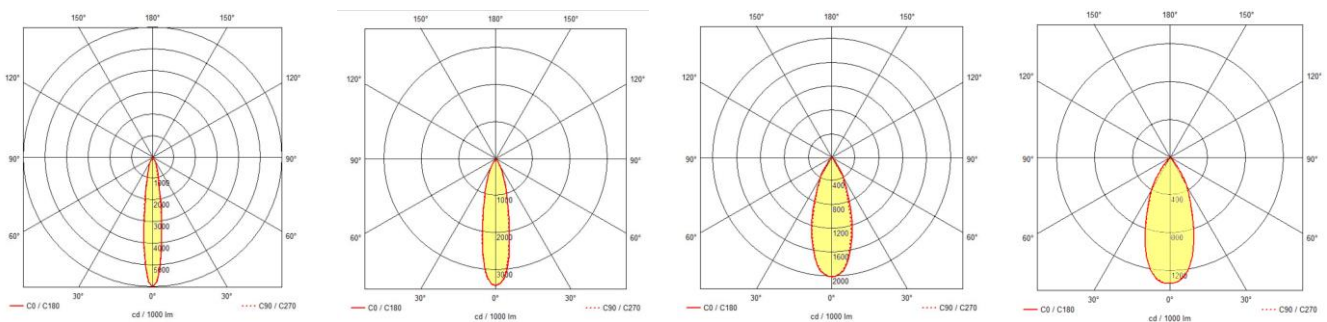


Type of luminaire	built-in light
Application areas	general and accent lighting
Mounting	spring bracket (mounting diameter 150 mm)
Pan/tilt range	350°/45°
Supply unit	LED Driver integrated (LED Driver DALI on request)
Nominal voltage	220V, 50Hz
System performance	20 W, 40 W
Lighting technology	LED COB
Optic	Aluminum reflector MIRO-Silver®
Beam angle	15°, 24°, 36°, 45°, 60°
Luminous Flux	2900 - 5800 lm
Light colour	2700 K, 3000 K, 4000 K, 5000 K
CRI	80 - 90
Power factor	0,95
Protection rating	IP20
Cooling	passive
Body	Cast aluminum
Body colour	black, white, Special colours on request
Weight	0,8 kg
Life time	50 000 hours.
Warranty	5 years/50 000 hours
Certificates	UA, CE



Dimensions

**Beam angle options**



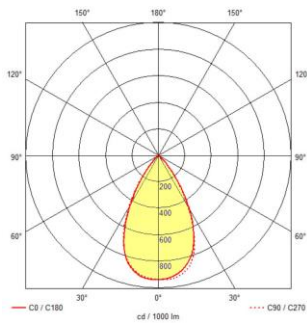
Technical details, as well as size and weight parameters were prepared as accurately as possible. All dimensions in mm. LED Lifetime Information - L90 / B10 at 25 ° C ambient temperature. A tolerance of +/- 10% applies to luminous flux and performance characteristics. Minimum color rendering indices Ra > 80 / > 90. Product images are used as an example and may differ from the original. We reserve the right to make changes in order to improve the product.

TOR15 LED

TOR24 LED

TOR36 LED

TOR45 LED



TOR60 LED

## TOR

## AVA TECH

### Ordering information

Model	Beam angle	System performance	CRI	Light colour White	Luminous Flux
15 LED 20W/827 W 15 LED 20W/827 B	15°	20 W	80	2700 K	2059 lm
15 LED 20W/830 W 15 LED 20W/830 B	15°	20 W	80	3000 K	2465 lm
15 LED 20W/840 W 15 LED 20W/840 B	15°	20 W	80	4000 K	2900 lm
15 LED 20W/850 W 15 LED 20W/850 B	15°	20 W	80	5000 K	2900 lm
24 LED 20W/827 W 24 LED 20W/827 B	24°	20 W	80	2700 K	2059 lm
24 LED 20W/830 W 24 LED 20W/830 B	24°	20 W	80	3000 K	2465 lm

Technical details, as well as size and weight parameters were prepared as accurately as possible. All dimensions in mm. LED Lifetime Information - L90 / B10 at 25 ° C ambient temperature. A tolerance of +/- 10% applies to luminous flux and performance characteristics. Minimum color rendering indices Ra > 80 / > 90. Product images are used as an example and may differ from the original. We reserve the right to make changes in order to improve the product.

## Ordering information

Model	Beam angle	System performance	CRI	Light colour White	Luminous Flux
24 LED 20W/840 W 24 LED 20W/840 B	24°	20 W	80	4000 K	2900 lm
24 LED 20W/850 W 24 LED 20W/850 B	24°	20 W	80	5000 K	2900 lm
36 LED 20W/827 W 36 LED 20W/827 B	36°	20 W	80	2700 K	2059 lm
36 LED 20W/830 W 36 LED 20W/830 B	36°	20 W	80	3000 K	2465 lm
36 LED 20W/840 W 36 LED 20W/840 B	36°	20 W	80	4000 K	2900 lm
36 LED 20W/850 W 36 LED 20W/850 B	36°	20 W	80	5000 K	2900 lm
45 LED 20W/827 W 45 LED 20W/827 B	45°	20 W	80	2700 K	2059 lm
45 LED 20W/830 W 45 LED 20W/830 B	45°	20 W	80	3000 K	2465 lm
45 LED 20W/840 W 45 LED 20W/840 B	45°	20 W	80	4000 K	2900 lm
45 LED 20W/850 W 45 LED 20W/850 B	45°	20 W	80	5000 K	2900 lm
60 LED 20W/827 W 60 LED 20W/827 B	60°	20 W	80	2700 K	2059 lm
60 LED 20W/830 W 60 LED 20W/830 B	60°	20 W	80	3000 K	2465 lm
60 LED 20W/840 W 60 LED 20W/840 B	60°	20 W	80	4000 K	2900 lm
60 LED 20W/850 W 60 LED 20W/850 B	60°	20 W	80	5000 K	2900 lm
15 LED 40W/827 W 15 LED 40W/827 B	15°	40 W	80	2700 K	4118 lm
15 LED 40W/830 W 15 LED 40W/830 B	15°	40 W	80	3000 K	4930 lm
15 LED 40W/840 W 15 LED 40W/840 B	15°	40 W	80	4000 K	5800 lm
15 LED 40W/850 W 15 LED 40W/850 B	15°	40 W	80	5000 K	5800 lm
24 LED 40W/827 W 24 LED 40W/827 B	24°	40 W	80	2700 K	4118 lm
24 LED 40W/830 W 24 LED 40W/830 B	24°	40 W	80	3000 K	4930 lm
24 LED 40W/840 W 24 LED 40W/840 B	24°	40 W	80	4000 K	5800 lm
24 LED 40W/850 W 24 LED 40W/850 B	24°	40 W	80	5000 K	5800 lm
36 LED 40W/827 W 36 LED 40W/827 B	36°	40 W	80	2700 K	4118 lm
36 LED 40W/830 W 36 LED 40W/830 B	36°	40 W	80	3000 K	4930 lm
36 LED 40W/840 W 36 LED 40W/840 B	36°	40 W	80	4000 K	5800 lm

Technical details, as well as size and weight parameters were prepared as accurately as possible. All dimensions in mm. LED Lifetime Information - L90 / B10 at 25 ° C ambient temperature. A tolerance of +/- 10% applies to luminous flux and performance characteristics. Minimum color rendering indices Ra > 80 / > 90. Product images are used as an example and may differ from the original. We reserve the right to make changes in order to improve the product.

## Ordering information

Model	Beam angle	System performance	CRI	Light colour White	Luminous Flux
36 LED 40W/850 W 36 LED 40W/850 B	36°	40 W	80	5000 K	5800 lm
45 LED 40W/827 W 45 LED 40W/827 B	45°	40 W	80	2700 K	4118 lm
45 LED 40W/830 W 45 LED 40W/830 B	45°	40 W	80	3000 K	4930 lm
45 LED 40W/840 W 45 LED 40W/840 B	45°	40 W	80	4000 K	5800 lm
45 LED 40W/850 W 45 LED 40W/850 B	45°	40 W	80	5000 K	5800 lm
60 LED 40W/827 W 60 LED 40W/827 B	60°	40 W	80	2700 K	4118 lm
60 LED 40W/830 W 60 LED 40W/830 B	60°	40 W	80	3000 K	4930 lm
60 LED 40W/840 W 60 LED 40W/840 B	60°	40 W	80	4000 K	5800 lm
60 LED 40W/850 W 60 LED 40W/850 B	60°	40 W	80	5000 K	5800 lm
15 LED 20W/927 W 15 LED 20W/927 B	15°	20 W	90	2700 K	1798 lm
15 LED 20W/930 W 15 LED 20W/930 B	15°	20 W	90	3000 K	2175 lm
15 LED 20W/940 W 15 LED 20W/940 B	15°	20 W	90	4000 K	2538 lm
15 LED 20W/950 W 15 LED 20W/950 B	15°	20 W	90	5000 K	2538 lm
24 LED 20W/927 W 24 LED 20W/927 B	24°	20 W	90	2700 K	1798 lm
24 LED 20W/930 W 24 LED 20W/930 B	24°	20 W	90	3000 K	2175 lm
24 LED 20W/940 W 24 LED 20W/940 B	24°	20 W	90	4000 K	2538 lm
24 LED 20W/950 W 24 LED 20W/950 B	24°	20 W	90	5000 K	2538 lm
36 LED 20W/927 W 36 LED 20W/927 B	36°	20 W	90	2700 K	1798 lm
36 LED 20W/930 W 36 LED 20W/930 B	36°	20 W	90	3000 K	2175 lm
36 LED 20W/940 W 36 LED 20W/940 B	36°	20 W	90	4000 K	2538 lm
36 LED 20W/950 W 36 LED 20W/950 B	36°	20 W	90	5000 K	2538 lm
45 LED 20W/927 W 45 LED 20W/927 B	45°	20 W	90	2700 K	1798 lm
45 LED 20W/930 W 45 LED 20W/930 B	45°	20 W	90	3000 K	2175 lm
45 LED 20W/940 W 45 LED 20W/940 B	45°	20 W	90	4000 K	2538 lm
45 LED 20W/950 W 45 LED 20W/950 B	45°	20 W	90	5000 K	2538 lm

Technical details, as well as size and weight parameters were prepared as accurately as possible. All dimensions in mm. LED Lifetime Information - L90 / B10 at 25 ° C ambient temperature. A tolerance of +/- 10% applies to luminous flux and performance characteristics. Minimum color rendering indices Ra > 80 / > 90. Product images are used as an example and may differ from the original. We reserve the right to make changes in order to improve the product.

## Ordering information

Model	Beam angle	System performance	CRI	Light colour White	Luminous Flux
60 LED 20W/927 W 60 LED 20W/927 B	60°	20 W	90	2700 K	1798 lm
60 LED 20W/930 W 60 LED 20W/930 B	60°	20 W	90	3000 K	2175 lm
60 LED 20W/940 W 60 LED 20W/940 B	60°	20 W	90	4000 K	2538 lm
60 LED 20W/950 W 60 LED 20W/950 B	60°	20 W	90	5000 K	2538 lm
15 LED 40W/927 W 15 LED 40W/927 B	15°	40 W	90	2700 K	3596 lm
15 LED 40W/930 W 15 LED 40W/930 B	15°	40 W	90	3000 K	4350 lm
15 LED 40W/940 W 15 LED 40W/940 B	15°	40 W	90	4000 K	5075 lm
15 LED 40W/950 W 15 LED 40W/950 B	15°	40 W	90	5000 K	5075 lm
24 LED 40W/927 W 24 LED 40W/927 B	24°	40 W	90	2700 K	3596 lm
24 LED 40W/930 W 24 LED 40W/930 B	24°	40 W	90	3000 K	4350 lm
24 LED 40W/940 W 24 LED 40W/940 B	24°	40 W	90	4000 K	5075 lm
24 LED 40W/950 W 24 LED 40W/950 B	24°	40 W	90	5000 K	5075 lm
36 LED 40W/927 W 36 LED 40W/927 B	36°	40 W	90	2700 K	3596 lm
36 LED 40W/930 W 36 LED 40W/930 B	36°	40 W	90	3000 K	4350 lm
36 LED 40W/940 W 36 LED 40W/940 B	36°	40 W	90	4000 K	5075 lm
36 LED 40W/950 W 36 LED 40W/950 B	36°	40 W	90	5000 K	5075 lm
45 LED 40W/927 W 45 LED 40W/927 B	45°	40 W	90	2700 K	3596 lm
45 LED 40W/930 W 45 LED 40W/930 B	45°	40 W	90	3000 K	4350 lm
45 LED 40W/940 W 45 LED 40W/940 B	45°	40 W	90	4000 K	5075 lm
45 LED 40W/950 W 45 LED 40W/950 B	45°	40 W	90	5000 K	5075 lm
60 LED 40W/927 W 60 LED 40W/927 B	60°	40 W	90	2700 K	3596 lm
60 LED 40W/930 W 60 LED 40W/930 B	60°	40 W	90	3000 K	4350 lm
60 LED 40W/940 W 60 LED 40W/940 B	60°	40 W	90	4000 K	5075 lm
60 LED 40W/950 W 60 LED 40W/950 B	60°	40 W	90	5000 K	5075 lm

Technical details, as well as size and weight parameters were prepared as accurately as possible. All dimensions in mm. LED Lifetime Information - L90 / B10 at 25 ° C ambient temperature. A tolerance of +/- 10% applies to luminous flux and performance characteristics. Minimum color rendering indices Ra > 80 / > 90. Product images are used as an example and may differ from the original. We reserve the right to make changes in order to improve the product.