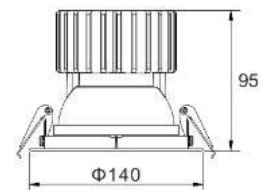
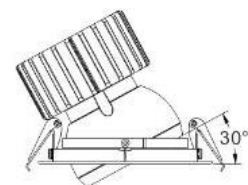


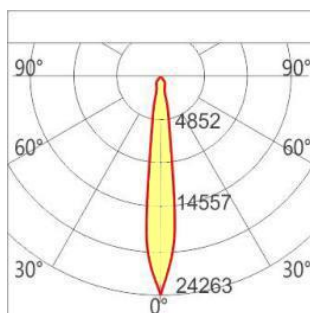
Type of luminaire	built-in light
Application areas	general and accent lighting
Mounting	spring bracket (mounting diameter 125 mm)
Pan/tilt range	350°/30°
Supply unit	LED Driver integrated (LED Driver DALI on request)
Nominal voltage	220V, 50Hz
System performance	18 W, 22 W, 27 W
Lighting technology	LED COB
Optic	Aluminum reflector MIRO-Silver®
Beam angle	15°, 24°, 36°, 45°
Luminous Flux	2610 - 3915 lm
Light colour	2700 K, 3000 K, 3500 K - True White, 3500 K - Bright Colour, 3500 K, 4000 K,
Light colour Food*	B+C, V, M, F
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

\* B = Bakery, V = Vegetable, C = Cheese, M = Meat, F = Fish

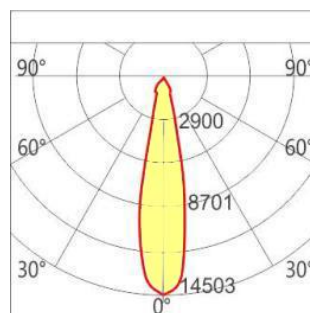


Dimensions

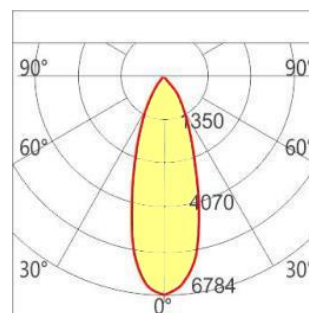
Beam angle options



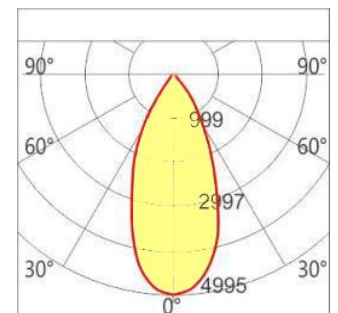
GEFEST15 LED



GEFEST 24 LED



GEFEST 36 LED



GEFEST 45 LED

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
15 LED 18W/827 W 15 LED 18W/827 B	15°	18 W	80	2700 K	1853 lm
15 LED 18W/830 W 15 LED 18W/830 B	15°	18 W	80	3000 K	2219 lm
15 LED 18W/840 W 15 LED 18W/840 B	15°	18 W	80	4000 K	2610 lm
15 LED 18W/850 W 15 LED 18W/850 B	15°	18 W	80	5000 K	2610 lm
15 LED 18W/M W 15 LED 18W/M B	15°	18 W	-	meat	1227 lm
15 LED 18W/B+C W 15 LED 18W/B+C B	15°	18 W	-	bread & cheese	1514 lm
15 LED 18W/V W 15 LED 18W/V B	15°	18 W	-	vegetables & fruits	1629 lm
15 LED 18W/F W 15 LED 18W/F B	15°	18 W	-	fish	1503 lm
24 LED 18W/827 W 24 LED 18W/827 B	24°	18 W	80	2700 K	1853 lm
24 LED 18W/830 W 24 LED 18W/830 B	24°	18 W	80	3000 K	2219 lm
24 LED 18W/840 W 24 LED 18W/840 B	24°	18 W	80	4000 K	2610 lm
24 LED 18W/850 W 24 LED 18W/850 B	24°	18 W	80	5000 K	2610 lm
24 LED 18W/M W 24 LED 18W/M B	24°	18 W	-	meat	1227 lm
24 LED 18W/B+C W 24 LED 18W/B+C B	24°	18 W	-	bread & cheese	1514 lm
24 LED 18W/V W 24 LED 18W/V B	24°	18 W	-	vegetables & fruits	1629 lm
24 LED 18W/F W 24 LED 18W/F B	24°	18 W	-	fish	1503 lm
36 LED 18W/827 W 36 LED 18W/827 B	36°	18 W	80	2700 K	1853 lm
36 LED 18W/830 W 36 LED 18W/830 B	36°	18 W	80	3000 K	2219 lm
36 LED 18W/840 W 36 LED 18W/840 B	36°	18 W	80	4000 K	2610 lm
36 LED 18W/850 W 36 LED 18W/850 B	36°	18 W	80	5000 K	2610 lm
36 LED 18W/M W 36 LED 18W/M B	36°	18 W	-	meat	1227 lm
36 LED 18W/B+C W 36 LED 18W/B+C B	36°	18 W	-	bread & cheese	1514 lm
36 LED 18W/V W 36 LED 18W/V B	36°	18 W	-	vegetables & fruits	1629 lm
36 LED 18W/F W 36 LED 18W/F B	36°	18 W	-	fish	1503 lm
45 LED 18W/827 W 45 LED 18W/827 B	45°	18 W	80	2700 K	1853 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
45 LED 18W/830 W 45 LED 18W/830 B	45°	18 W	80	3000 K	2219 lm
45 LED 18W/840 W 45 LED 18W/840 B	45°	18 W	80	4000 K	2610 lm
45 LED 18W/850 W 45 LED 18W/850 B	45°	18 W	80	5000 K	2610 lm
45 LED 18W/M W 45 LED 18W/M B	45°	18 W	-	meat	1227 lm
45 LED 18W/B+C W 45 LED 18W/B+C B	45°	18 W	-	bread & cheese	1514 lm
45 LED 18W/V W 45 LED 18W/V B	45°	18 W	-	vegetables & fruits	1629 lm
45 LED 18W/F W 45 LED 18W/F B	45°	18 W	-	fish	1503 lm
15 LED 18W/927 W 15 LED 18W/927 B	15°	18 W	90	2700 K	1618 lm
15 LED 18W/930 W 15 LED 18W/930 B	15°	18 W	90	3000 K	1958 lm
15 LED 18W/940 W 15 LED 18W/940 B	15°	18 W	90	4000 K	2284 lm
15 LED 18W/950 W 15 LED 18W/950 B	15°	18 W	90	5000 K	2284 lm
24 LED 18W/927 W 24 LED 18W/927 B	24°	18 W	90	2700 K	1618 lm
24 LED 18W/930 W 24 LED 18W/930 B	24°	18 W	90	3000 K	1958 lm
24 LED 18W/940 W 24 LED 18W/940 B	24°	18 W	90	4000 K	2284 lm
24 LED 18W/950 W 24 LED 18W/950 B	24°	18 W	90	5000 K	2284 lm
36 LED 18W/927 W 36 LED 18W/927 B	36°	18 W	90	2700 K	1618 lm
36 LED 18W/930 W 36 LED 18W/930 B	36°	18 W	90	3000 K	1958 lm
36 LED 18W/940 W 36 LED 18W/940 B	36°	18 W	90	4000 K	2284 lm
36 LED 18W/950 W 36 LED 18W/950 B	36°	18 W	90	5000 K	2284 lm
45 LED 18W/927 W 45 LED 18W/927 B	45°	18 W	90	2700 K	1618 lm
45 LED 18W/930 W 45 LED 18W/930 B	45°	18 W	90	3000 K	1958 lm
45 LED 18W/940 W 45 LED 18W/940 B	45°	18 W	90	4000 K	2284 lm
45 LED 18W/950 W 45 LED 18W/950 B	45°	18 W	90	5000 K	2284 lm
15 LED 22W/827 W 15 LED 22W/827 B	15°	22 W	80	2700 K	2265 lm
15 LED 22W/830 W 15 LED 22W/830 B	15°	22 W	80	3000 K	2712 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
15 LED 22W/840 W 15 LED 22W/840 B	15°	22 W	80	4000 K	3190 lm
15 LED 22W/850 W 15 LED 22W/850 B	15°	22 W	80	5000 K	3190 lm
15 LED 22W/M W 15 LED 22W/M B	15°	22 W	-	meat	1499 lm
15 LED 22W/B+C W 15 LED 22W/B+C B	15°	22 W	-	bread & cheese	1850 lm
15 LED 22W/V W 15 LED 22W/V B	15°	22 W	-	vegetables & fruits	1991 lm
15 LED 22W/F W 15 LED 22W/F B	15°	22 W	-	fish	1837 lm
24 LED 22W/827 W 24 LED 22W/827 B	24°	22 W	80	2700 K	2265 lm
24 LED 22W/830 W 24 LED 22W/830 B	24°	22 W	80	3000 K	2712 lm
24 LED 22W/840 W 24 LED 22W/840 B	24°	22 W	80	4000 K	3190 lm
24 LED 22W/850 W 24 LED 22W/850 B	24°	22 W	80	5000 K	3190 lm
24 LED 22W/M W 24 LED 22W/M B	24°	22 W	-	meat	1499 lm
24 LED 22W/B+C W 24 LED 22W/B+C B	24°	22 W	-	bread & cheese	1850 lm
24 LED 22W/V W 24 LED 22W/V B	24°	22 W	-	vegetables & fruits	1991 lm
24 LED 22W/F W 24 LED 22W/F B	24°	22 W	-	fish	1837 lm
36 LED 22W/827 W 36 LED 22W/827 B	36°	22 W	80	2700 K	2265 lm
36 LED 22W/830 W 36 LED 22W/830 B	36°	22 W	80	3000 K	2712 lm
36 LED 22W/840 W 36 LED 22W/840 B	36°	22 W	80	4000 K	3190 lm
36 LED 22W/850 W 36 LED 22W/850 B	36°	22 W	80	5000 K	3190 lm
36 LED 22W/M W 36 LED 22W/M B	36°	22 W	-	meat	1499 lm
36 LED 22W/B+C W 36 LED 22W/B+C B	36°	22 W	-	bread & cheese	1850 lm
36 LED 22W/V W 36 LED 22W/V B	36°	22 W	-	vegetables & fruits	1991 lm
36 LED 22W/F W 36 LED 22W/F B	36°	22 W	-	fish	1837 lm
45 LED 22W/827 W 45 LED 22W/827 B	45°	22 W	80	2700 K	2265 lm
45 LED 22W/830 W 45 LED 22W/830 B	45°	22 W	80	3000 K	2712 lm
45 LED 22W/840 W 45 LED 22W/840 B	45°	22 W	80	4000 K	3190 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
45 LED 22W/850 W 45 LED 22W/850 B	45°	22 W	80	5000 K	3190 lm
45 LED 22W/M W 45 LED 22W/M B	45°	22 W	-	meat	1499 lm
45 LED 22W/B+C W 45 LED 22W/B+C B	45°	22 W	-	bread & cheese	1850 lm
45 LED 22W/V W 45 LED 22W/V B	45°	22 W	-	vegetables & fruits	1991 lm
45 LED 22W/F W 45 LED 22W/F B	45°	22 W	-	fish	1837 lm
15 LED 22W/927 W 15 LED 22W/927 B	15°	22 W	90	2700 K	1978 lm
15 LED 22W/930 W 15 LED 22W/930 B	15°	22 W	90	3000 K	2393 lm
15 LED 22W/940 W 15 LED 22W/940 B	15°	22 W	90	4000 K	2791 lm
15 LED 22W/950 W 15 LED 22W/950 B	15°	22 W	90	5000 K	2791 lm
24 LED 22W/927 W 24 LED 22W/927 B	24°	22 W	90	2700 K	1978 lm
24 LED 22W/930 W 24 LED 22W/930 B	24°	22 W	90	3000 K	2393 lm
24 LED 22W/940 W 24 LED 22W/940 B	24°	22 W	90	4000 K	2791 lm
24 LED 22W/950 W 24 LED 22W/950 B	24°	22 W	90	5000 K	2791 lm
36 LED 22W/927 W 36 LED 22W/927 B	36°	22 W	90	2700 K	1978 lm
36 LED 22W/930 W 36 LED 22W/930 B	36°	22 W	90	3000 K	2393 lm
36 LED 22W/940 W 36 LED 22W/940 B	36°	22 W	90	4000 K	2791 lm
36 LED 22W/950 W 36 LED 22W/950 B	36°	22 W	90	5000 K	2791 lm
45 LED 22W/927 W 45 LED 22W/927 B	45°	22 W	90	2700 K	1978 lm
45 LED 22W/930 W 45 LED 22W/930 B	45°	22 W	90	3000 K	2393 lm
45 LED 22W/940 W 45 LED 22W/940 B	45°	22 W	90	4000 K	2791 lm
45 LED 22W/950 W 45 LED 22W/950 B	45°	22 W	90	5000 K	2791 lm
15 LED 27W/827 W 15 LED 27W/827 B	15°	27 W	80	2700 K	2780 lm
15 LED 27W/830 W 15 LED 27W/830 B	15°	27 W	80	3000 K	3328 lm
15 LED 27W/840 W 15 LED 27W/840 B	15°	27 W	80	4000 K	3915 lm
15 LED 27W/850 W 15 LED 27W/850 B	15°	27 W	80	5000 K	3915 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
15 LED 27W/M W 15 LED 27W/M B	15°	27 W	-	meat	1840 lm
15 LED 27W/B+C W 15 LED 27W/B+C B	15°	27 W	-	bread & cheese	2271 lm
15 LED 27W/V W 15 LED 27W/V B	15°	27 W	-	vegetables & fruits	2443 lm
15 LED 27W/F W 15 LED 27W/F B	15°	27 W	-	fish	2255 lm
24 LED 27W/827 W 24 LED 27W/827 B	24°	27 W	80	2700 K	2780 lm
24 LED 27W/830 W 24 LED 27W/830 B	24°	27 W	80	3000 K	3328 lm
24 LED 27W/840 W 24 LED 27W/840 B	24°	27 W	80	4000 K	3915 lm
24 LED 27W/850 W 24 LED 27W/850 B	24°	27 W	80	5000 K	3915 lm
24 LED 27W/M W 24 LED 27W/M B	24°	27 W	-	meat	1840 lm
24 LED 27W/B+C W 24 LED 27W/B+C B	24°	27 W	-	bread & cheese	2271 lm
24 LED 27W/V W 24 LED 27W/V B	24°	27 W	-	vegetables & fruits	2443 lm
24 LED 27W/F W 24 LED 27W/F B	24°	27 W	-	fish	2255 lm
36 LED 27W/827 W 36 LED 27W/827 B	36°	27 W	80	2700 K	2780 lm
36 LED 27W/830 W 36 LED 27W/830 B	36°	27 W	80	3000 K	3328 lm
36 LED 27W/840 W 36 LED 27W/840 B	36°	27 W	80	4000 K	3915 lm
36 LED 27W/850 W 36 LED 27W/850 B	36°	27 W	80	5000 K	3915 lm
36 LED 27W/M W 36 LED 27W/M B	36°	27 W	-	meat	1840 lm
36 LED 27W/B+C W 36 LED 27W/B+C B	36°	27 W	-	bread & cheese	2271 lm
36 LED 27W/V W 36 LED 27W/V B	36°	27 W	-	vegetables & fruits	2443 lm
36 LED 27W/F W 36 LED 27W/F B	36°	27 W	-	fish	2255 lm
45 LED 27W/827 W 45 LED 27W/827 B	45°	27 W	80	2700 K	2780 lm
45 LED 27W/830 W 45 LED 27W/830 B	45°	27 W	80	3000 K	3328 lm
45 LED 27W/840 W 45 LED 27W/840 B	45°	27 W	80	4000 K	3915 lm
45 LED 27W/850 W 45 LED 27W/850 B	45°	27 W	80	5000 K	3915 lm
45 LED 27W/M W 45 LED 27W/M B	45°	27 W	-	meat	1840 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
45 LED 27W/B+C W 45 LED 27W/B+C B	45°	27 W	-	bread & cheese	2271 lm
45 LED 27W/V W 45 LED 27W/V B	45°	27 W	-	vegetables & fruits	2443 lm
45 LED 27W/F W 45 LED 27W/F B	45°	27 W	-	fish	2255 lm
15 LED 27W/927 W 15 LED 27W/927 B	15°	27 W	90	2700 K	2427 lm
15 LED 27W/930 W 15 LED 27W/930 B	15°	27 W	90	3000 K	2936 lm
15 LED 27W/940 W 15 LED 27W/940 B	15°	27 W	90	4000 K	3426 lm
15 LED 27W/950 W 15 LED 27W/950 B	15°	27 W	90	5000 K	3426 lm
24 LED 27W/927 W 24 LED 27W/927 B	24°	27 W	90	2700 K	2427 lm
24 LED 27W/930 W 24 LED 27W/930 B	24°	27 W	90	3000 K	2936 lm
24 LED 27W/940 W 24 LED 27W/940 B	24°	27 W	90	4000 K	3426 lm
24 LED 27W/950 W 24 LED 27W/950 B	24°	27 W	90	5000 K	3426 lm
36 LED 27W/927 W 36 LED 27W/927 B	36°	27 W	90	2700 K	2427 lm
36 LED 27W/930 W 36 LED 27W/930 B	36°	27 W	90	3000 K	2936 lm
36 LED 27W/940 W 36 LED 27W/940 B	36°	27 W	90	4000 K	3426 lm
36 LED 27W/950 W 36 LED 27W/950 B	36°	27 W	90	5000 K	3426 lm
45 LED 27W/927 W 45 LED 27W/927 B	45°	27 W	90	2700 K	2427 lm
45 LED 27W/930 W 45 LED 27W/930 B	45°	27 W	90	3000 K	2936 lm
45 LED 27W/940 W 45 LED 27W/940 B	45°	27 W	90	4000 K	3426 lm
45 LED 27W/950 W 45 LED 27W/950 B	45°	27 W	90	5000 K	3426 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.