

Pre-configured spots

Get a running start with our basic configurations

Below you will find pre-configured fixtures with their own article number. If you are looking for a specific solution that is not listed here, you can use the step-by-step guide on the other side of this quick reference guide, to assemble a fixture to your liking.

On the other side of this quick reference guide you can also find the required drivers (step 4) to complete the installation.



Complete Boreano (13 W)



Extra Warm white (2700K)	● 868710	● 868715	● 868730	● 868700	● 868705	● 868720	● 868725
Warm white (3000K)	● 868712	● 868717	● 868732	● 868702	● 868707	● 868722	● 868727
Light color	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K
Lumen current	1150 lumen	1150 lumen	1150 lumen	1150 lumen	1150 lumen	1150 lumen	1150 lumen
Voltage	36 V	36 V	36 V	36 V	36 V	36 V	36 V
Current	350 mA	350 mA	350 mA	350 mA	350 mA	350 mA	350 mA
Color	White	White	White	White	White	White	White
Mounting	Build-in	Build-in	Build-in	Build-in	Build-in	Build-in	Build-in
Shape	Round	Round	Round tiltable	Round embedded	Square	Square embedded	Square tiltable
Outer diameter	Ø 65 mm	Ø 65 mm	Ø 78 mm	Ø 82 mm	Ø 65 mm	80 x 80 mm	90 x 90 mm
Build-in diameter	Ø 58 mm	Ø 58 mm	Ø 67 mm	Ø 77 mm	Ø 58 mm	68 x 68 mm	Ø 82 mm
Build-in depth	82 mm	82 mm	84 mm	125 mm	82 mm	100 mm	84 mm

Complete Bolero (7 W)



Extra Warm white (2700K)	● 868660	● 868665	● 868680	● 868650	● 868655	● 868670	● 868675
Warm white (3000K)	● 868662	● 868667	● 868682	● 868652	● 868657	● 868672	● 868677
Light color	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K	2700K / 3000K
Lumen current	650 lumen	650 lumen	650 lumen	650 lumen	650 lumen	650 lumen	650 lumen
Voltage	9,5 V	9,5 V	9,5 V	9,5 V	9,5 V	9,5 V	9,5 V
Current	700 mA	700 mA	700 mA	700 mA	700 mA	700 mA	700 mA
Color	White	White	White	White	White	White	White
Mounting	Build-in	Build-in	Build-in	Build-in	Build-in	Build-in	Build-in
Shape	Round	Round	Round tiltable	Round Embedded	Square	Square embedded	Square tiltable
Outer diameter	Ø 65 mm	Ø 65 mm	Ø 78 mm	Ø 82 mm	Ø 65 mm	80 x 80 mm	90 x 90 mm
Build-in diameter	Ø 58 mm	Ø 58 mm	Ø 67 mm	Ø 77 mm	Ø 58 mm	68 x 68 mm	Ø 82 mm
Build-in depth	60 mm	60 mm	62 mm	95 mm	60 mm	76 mm	62 mm

LUMIKO MODULAR

Squared with a wide angle or round with an oval light beam: every customer's opinion or experience is different.

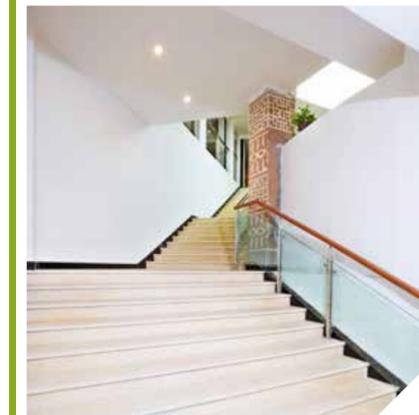
The Lumiko Modular lighting collection is unique. By combining the different parts you can very easily create the perfect fixture, just the way your customer prefers.

In this reference guide you will find pre-configured fixtures and a step for step guide to configure your own fixtures for your lighting plan. This way you can create a specific solution with the guaranty of the high quality standards of the lumiko LED lighting.

The Lumiko LED owes its long life and retention of color and output to the fact that the LED and the driver are offered separately instead of integrated. This results in a lifespan of 50,000 hours of operation and flexibility in control.

Make your own unique solution with Lumiko Modular.

For more information visit www.klemko.nl



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lumiko

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Modular spots
Configure your own LED spots

klemko®
ELEKTROTECHNIK

Lumiko modular spots and accessories

1 Choose a LED module

LED modules

7 Watt

Bolero	Bonvino	Specifications
		Mounting in Lumiko modular fixtures Color temperature 2700K, 3000K, 4000K Light current 650 Lumens per spot Optic 30 degree reflector Voltage 9,5 Volt (D2W 19 Volt) Current Max. 700 mA (D2W max. 350mA) Power Max. 7 Watt Replaces Approximately 1x 50 W halogen Diameter 44 mm (excluding fixture) Height 54,5 mm (excluding fixture)
With reflector	With lens	Light color
● 868500	● 868511	Dim to Warm (2000 - 3000K)
● 868502	● 868500	Extra Warm white (2700K)
○ 868504	● 868502	Warm white (3000K)
	○ 868504	Natural white (4000K)

13 Watt

Boreano	Borealil	Specifications
		Mounting in Lumiko modular fixtures Color temperature 2700K, 3000K, 4000K Light current 1150 Lumens per spot Optic 30 degree reflector Voltage 36 Volt Current Max. 350 mA Power Max. 13 Watt Replaces Approximately 1x 100 W halogen Diameter 44 mm (excluding fixture) Height 74,5 mm (excluding fixture)
With reflector	With lens	Light color
● 868500	● 868524	Dim to Warm (2000 - 3000K)
● 868502	● 868500	Extra Warm white (2700K)
○ 868504	● 868502	Warm white (3000K)
	○ 868504	Natural white (4000K)

LUMIKO CONFIGURATOR

We have created an online configurator for our LED-spots, downlighters and trackspots. We will guide you with a few easy steps to choose the right parts and options for your Lumiko spot. The list is easily emailed to your email address or directly to the accountmanager for your wholesaler.



2 Choose a fixture

Build-in fixtures

Round	Square
Build-in ceiling fixtures	
868550 White Build-in Round Ø 65 mm Ø 58 mm	868565 White Build-in Square 65 x 65 mm Ø 58 mm
868562 White Build-in Round Ø 65 mm Ø 58 mm IP55	868574 White Build-in Square 90 x 90 mm Ø 82 mm Tilttable
868553 White Build-in Round Ø 78 mm Ø 67 mm Tilttable	
868571 White Build-in Round Ø 90 mm Ø 82 mm Tilttable	

Round	Square
Build-in ceiling fixtures with insert reflector	Insert reflector
868607 White Build-in Round Ø 81 mm Ø 65 mm	868604 Black 868601 Gold *A white reflector is pre mounted into the fixture
868613 White Build-in Round Ø 92 mm Ø 82 mm Tilttable	868592 White Build-in Square 80 x 80 mm 68 x 68 mm
868610 White Build-in Round 60 x 92 mm Ø 64 mm	868595 White Build-in stucco Square 62 x 113 mm 64 x 64 mm
	868589 Black 868586 Gold *A white reflector is pre mounted into the fixture

Round	Square
Embedded build-in fixtures	
868556 White Build-in Round Ø 81 mm Ø 77 mm	868581 White Build-in Square 110 x 110 mm 94 x 94 mm Tilttable
868559 White Build-in Round Ø 86 mm Ø 75 mm Asymmetrical	868580 White Build-in stucco Square 92 x 146 mm 94 x 94 mm Tilttable
868582 White Build-in Round Ø 90 mm Ø 83 mm Tilttable	
868577 White Build-in stucco Round Ø 74 x 112 mm Ø 80 mm Tilttable	

Surface-mounted fixtures for 7 Watt spots

Surface-mounted fixture	Insert reflector
868622 White Surface mounted Round Ø 65 x 202 mm You need one insert reflector and one spot.	868598 White 868604 Black 868601 Gold *A reflector needs to be added to your preference
868625 White Surface mounted Round Ø 65 x 302 mm You need two insert reflectors and two spots.	
868616 White Ceiling mounted Round Ø 65 x 300 mm You need one insert reflector and one spot.	
868619 White Pendulum Round Ø 65 x 300 mm You need one insert reflector and one spot.	

3 Optional: Choose a fixture accessory

Accessories for build-in fixtures

	Art. no.
Mounting ring for LED modules to reduce glare	868542

Filters	Art. no.
Wide beam diffuser Use to extend the beam angle to 70 °. The total efficiency is reduced by 30% and the central intensity reduces by 20%.	868136
Oval diffuser The total efficiency will be 20% reduced by and the central intensity by 40%. The total angle is between 35 ° and 45 °.	868132
Honeycomb To reduce glare. The central intensity is maintained with a 50% reduced efficiency and an angle reduction of 10 °.	868130
Even diffuser The total efficiency will be 20% reduced by and the central intensity by 40%. The total angle is between 35 ° and 45 °.	868134

Reflectors and lenses

	Art. no.
Reflectors Reflector 15° for 7W Lumiko modular spots (Bolero)	868530
Reflector 25° for 7W Lumiko modular spots (Bolero)	868532
Reflector 38° for 7W Lumiko modular spots (Bolero)	868534
Reflector 15° for 13W Lumiko modular spots (Boreano)	868536
Reflector 25° for 13W Lumiko modular spots (Boreano)	868538
Reflector 38° for 13W Lumiko modular spots (Boreano)	868540
Lenses Lens 15° for 7W and 13W Lumiko modular spots	868120
Lens 30° for 7W and 13W Lumiko modular spots	868122
Lens 38° for 7W and 13W Lumiko modular spots	868124

4 Choose the right driver for your application

Drivers for 7 Watt spots at 700mA

	Max. 700 mA						
Output	12,5 W	12,5 W	25 W	20 W	30 W	40 W	30 W
Sec. voltage	Max. 32 V	Max. 32 V	18 - 36 V	Max. 42 V	Max. 42 V	Max. 60 V	Max. 43 V
Current setting	700 mA	700 mA	700 mA	700 mA	100 - 700 mA	700 mA	Via resistor
Cables included	No	Yes	No	Yes	No	Yes	No
Type dimming	Not dimmable	Trailing edge	Trailing edge	1 - 10 V	1 - 10 V	1 - 10 V	DALI
Dimming range	30 - 100 %	10 - 100 %	10 - 100 %	0 - 100 %	0 - 100 %	30 - 100 %	0 - 100 %
Dimensions	99 x 39 x 24 mm	99 x 39 x 24 mm	110 x 47 x 32 mm	110 x 52 x 24 mm	110 x 52 x 24 mm	157 x 42 x 32 mm	157 x 42 x 32 mm
Amount 7 W spots	1 spot	1 spot	2 - 3 spots	1 - 2 spots	1 - 3 spots	1 - 4 spots	1 - 4 spots

Drivers for 13 Watt spots and D2W spots at 350 mA

	Max. 350 mA					
Output	Max. 15 W	Max. 18 W	Max. 20 W	Max. 30 W	6 - 13 W	Max. 12,5 W
Sec. voltage	26 - 43 V	27 - 54 V	Max. 42 V	Max. 43 V	18 - 38 V	Max. 32 V
Current setting	350 mA	350 mA	110 - 500 mA	Via resistance 220K Ω	350 mA	350 mA
Cables included	No	Yes	No	No	No	Yes
Type dimming	Trailing edge	Trailing edge	1 - 10 V	DALI	Trailing edge	Trailing edge
Dimming range	10 - 100 %	10 - 100 %	0 - 100 %	0 - 100 %	10 - 100 %	30 - 100 %
Dimensions	85 x 40 x 27 mm	120 x 53 x 27 mm	110 x 52 x 24 mm	157 x 42 x 32 mm	120 x 53 x 27 mm	99 x 39 x 23 mm
Amount 13 W spots	1 spot	1 spot	2 - 3 spots	1 - 2 spots	1 - 3 spots	-
13 W spots (Dim to warm)	1 spot	1 spot	1 spot	1 spot	1 spot	-
7 W spots (Dim to warm)	2 spots	2 spots	1 - 2 spots	1 - 2 spots	1 - 2 spots	1 spot

Dimmers

Trailing edge max. 200 W	1 - 10 V Max. 50 drivers	You are able to cover our dimmers with the majority of common cover materials.
891042	891740	

Connecting the Lumiko LED spots with connector blocks

Lumiko LED spots are easily connected in series with supplied or separately purchased connector blocks.

Connector blocks	two-fold (2m)	four-fold (2m)
Connecting one spot	876802	876803
Connecting multiple spots	Extension cables 3 meters 5 meters 7 meters 10 meters	876842 876844 876846 876848