


Fixtures for Lumiko LED

For Verona LED modules

Round fixtures	Art no.	Art no.
	Dimensions Ø 80 mm Ø 100 mm Ø 120 mm	Installation Ø 55 mm Ø 55 mm Ø 55 mm

Aluminum housing	White housing
876520 Aluminum 876539 Aluminum 876518 Aluminum	876540 White (RAL9010) 876539 White (RAL9010) 876536 White (RAL9010)

Aluminum housing	White housing
876522 Aluminum 876523 Aluminum	876542 White (RAL9010)

Aluminum housing	White housing
876524 Aluminum	876545 White (RAL9010)

Square fixtures

Aluminum housing	White housing
876500 Aluminum	876544 White (RAL9010)

Aluminum housing	White housing
876502 Aluminum	876546 White (RAL9010)

Aluminum housing	White housing
876504 Aluminum	876548 White (RAL9010)


Aluminum housing
876506 Aluminum

Aluminum housing
876508 Aluminum

Aluminum housing
876510 Aluminum

* This type is also available in black. Look for these models on our website www.klemko.nl

For Bonnita LED modules

Round fixtures	Art no.	Art no.
	Dimensions Ø 69 mm This fixture is IP55.	Installation Ø 50 mm

Aluminum housing	White housing
863900 Aluminum	863910 white (RAL9010)




Aluminum housing	White housing
863902 Aluminum	863912 White (RAL9010)

Aluminum housing	White housing
863904 Aluminum	863914 White (RAL9010)





The installation of Lumiko LED spots

Installing the Lumiko LED spots with the connectors.
Lumiko LED spots are easily installed in series with the connector blocks that are supplied with the driver or sold separately.

Connecting 1 spot

Connector blocks	Twofold	Fourfold	Sixfold
			
876802	876803	860810	









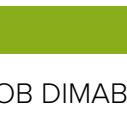
Connecting more spots

Extention cables	3 meters	5 meters	7 meters	10 meters
				
876842	876844	876846	876848	

LED in one complete set

<p>LUMIKO VENICE XPG LED SPOTS</p> <ul style="list-style-type: none"> ✓ 3x Venice XPG LED spot warm white 3000K ✓ Replaces 20W halogen spots ✓ Includes driver and connectors ✓ Ideal for toilets, bedrooms and covers <p>ART. NR. 876850</p>	<p>LUMIKO VERONA COB DIMMABLE LEDSPOTS</p> <ul style="list-style-type: none"> ✓ 3x Verona COB ledspot warm white 3000K and fixtures ✓ Replaces 35W halogen spots ✓ Includes dimmable driver, connectors and fixtures ✓ Ideal for renovations, bathrooms and kitchens <p>ART. NR. 863854</p>
<p>LUMIKO VENICE COB DIMMABLE LED SPOTS</p> <ul style="list-style-type: none"> ✓ 3x Venice COB LED spot warm white 3000K ✓ Replaces 35W halogen spots ✓ Includes dimmable driver and connectors ✓ Ideal for livingrooms, bathrooms and kitchens <p>ART. NR. 863852</p>	<p>LUMIKO LAGOS XPG LED SPOTS</p> <ul style="list-style-type: none"> ✓ 3x Lagos XPG furniture spot warm white 3000K ✓ Replaces 20W halogen spots ✓ Includes driver and connector ✓ Ideal for showcasings, kitchens and under cupboards <p>ART. NR. 863856</p>

Accessories

Art no.	
	Ground spot housing for Venice and Bonnita LED spots. 876658
	IP55 mount for Venice and Bonnita LED spots. 876657
	Surface mount for Lagos XPG and COB LED spots. 876732
	Surface mount for Malabo XPG and COB LED spots. 876950
	Triangular surface mount for Malabo XPG and COB LED spots. 876633
	Build-in housing for Tilos and Tosca wall fixtures (Metal). A driver needs to be placed externally. (this article is not compatible with plasterboard accessory) 876679
	Plasterboard for Tilos and Tosca wall fixtures. 876678
	Surface-mounted box for Tilos and Tosca wallfixture. A driver needs to be placed externally. 876677
	Single diffuser for Bonnita LED module. 863980

LUMIKO XPG, COB AND BONNITA: DIFFERENT SPOTS, DIFFERENT SOLUTIONS

The extensive Lumiko collection helps the electrical installer to offer a flexible solution to their customers. With this reference guide klemko provides an overview of the Lumiko collection with which you can easily combine the right spot with the right accessories. That way you can get started easily.

The Klemko LED owes its long lifespan, retention of color and output to the fact that the LED and the driver are offered separately instead of integrated.

Lumiko XPG with lens

The XPG version of the Lumiko LED spots provides a bundled lightbeam, that exceeds a 20 Watt halogen spot.

The XPG spot has a favorable Lumen / Watt ratio and a modest energy consumption.

The 180 Lumen is achieved with a power of only 2.3 Watt, with a Lumen / Watt ratio of over 78 Lm / W.

Lumiko COB with reflector

The COB version of the Lumiko spotlights provides sparkling light, which in terms of both light quantity and light experience (diffused light) compares to a 35 Watt halogen spot.

The COB spot distinguishes itself in the field of total light output (Lumen), light distribution and Lumen / Watt ratio.

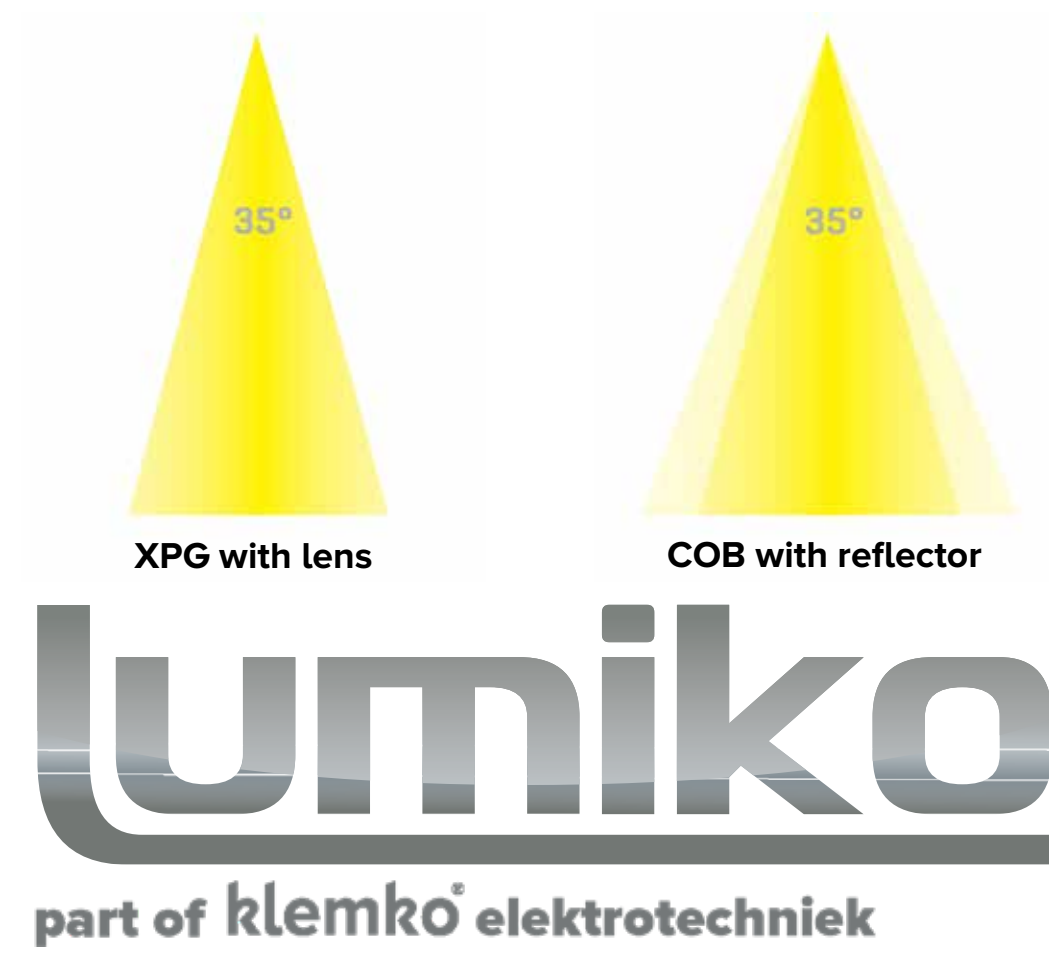
The 300 Lumen is achieved with a power of only 3.3 Watt, with this the Lumen / Watt ratio is over 85 Lm / W.

Bonnita COB with reflector

The Bonnita offers the same light experience as a 50 Watt halogen spot, but is specifically designed to replace existing or new Ø50 mm MR16 spots.

The spot fits into existing fixtures, or in one of the new Bonnita fixtures that are displayed in this quick reference guide.

The Bonnita spot is equipped with a 40 ° or 15 ° reflector.




part of klemko elektrotechnik



lumiko QUICK REFERENCE GUIDE FOR COB LED & XPG LED

Lumiko XPG LED lighting

Replaces 20 W halogen lighting

TECHNICAL SPECIFICATIONS

Output Voltage	2,3 W	Light color	Lumen
Current	3,3 V		
Lumen	max. 700 mA	● Extra warm white (2700K)	180
	see chart	● Warm white (3000K)	180
		○ Natural white (4000K)	190
		○ Cool white (6000K)	210

Drivers (700mA):



Specifications	Art no.	Light color	Art no.	Light color	Art no.	Light color	Art no.	Light color		
VENICE XPG Dimensions (ø x H) Installation Beam angle Current This fitting also fits in a standard Ø 50 mm MR16 fixture.	Aluminum housing ● 876641 ● 876642 ● 876640 ● 876644	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	White housing ● 876739 ● 876738 ● 876737 ● 876736	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
VERONA XPG Dimensions (ø x H) Installation Beam angle Current For placement in compatible Verona fixtures, see other side.	Aluminum housing ● 876601 ● 876602 ● 876600 ● 876604	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	White housing ● 876571 ● 876573 ● 876572 ● 876574	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
SIENA XPG Dimensions (ø x H) Installation Beam angle Current	Stainless steel look housing ● 876656 ● 876720 ● 876722 ● 876724	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
SIENA Fix XPG Dimensions (ø x H) Installation Beam angle Current	Stainless steel look housing ● 876726 ● 876728 ● 876730	Warm white (3000K) Natural white (4000K) Cool white (6000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
LAGOS XPG Dimensions (ø x H) Installation Beam angle Current Surface housing separately available.	Aluminum housing ● 876693 ● 876696 ● 876695 ● 876694	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
MALABO XPG Dimensions (ø x H) Installation Beam angle Current Surface housing separately available.	Aluminum housing ● 876621 ● 876622 ● 876620 ● 876624	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
VALENZA XPG Dimensions (ø x H) Installation Beam angle Current Surface mount included.	Aluminum housing ● 876636 ● 876634 ● 876638	Warm white (3000K) Natural white (4000K) Cool white (6000K)	Stainless steel look housing ● 876655 ● 876637 ● 876635 ● 876639	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
TILOS XPG Dimensions (ø x H) Installation Current	Aluminum housing ● 876662 ● 876660 ● 876664	Warm white (3000K) Natural white (4000K) Cool white (6000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
TOSCA XPG Dimensions (ø x H) Installation Current	Aluminum housing ● 876673 ● 876674	Warm white (3000K) Natural white (4000K)			1 to 5 pcs.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.
FARO XPG Dimensions (ø x H) Beam angle Current	Aluminum housing ● 876681 ● 876682 ● 876680 ● 876684	Extra warm white (2700K) Warm white (3000K) Natural white (4000K) Cool white (6000K)	Black housing ● 876686 ● 876687	Warm white (3000K) Natural white (4000K)	1 t/m 5 st.	6 to 11 pcs.	1 to 8 pcs.	10 to 18 pcs.	1 to 5 pcs.	1 pc.

Lumiko COB LED Lighting

Replaces 35 W halogen lighting

TECHNICAL SPECIFICATIONS

Output Voltage	3,3 W	Light color	Lumen
Current	9.2 V		
Lumen	max. 350 mA	● Extra warm white (2700K)	300
	see chart	○ Warm white (3000K)	310
		○ Natural white (4000K)	320

Did you know?
Lumiko spots are also DALI dimmable with a DALI driver or controller

Drivers (350mA):



Specifications	Art no.	Light color	Art no.	Light color	Art no.	Light color	Art no.	Light color			
VENICE COB Dimensions (ø x H) Installation Beam angle Current This fixture also fits standard Ø 50 mm MR16 fixtures.	Aluminum housing ● 863641 ● 863642 ● 863640	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)	White housing ● 863735 ● 863738 ● 863737	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)	1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
VERONA COB Dimensions (ø x H) Installation Beam angle Current For placement in compatible Verona fixture, see other side.	Aluminum housing ● 863601 ● 863602 ● 863600	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)	White housing ● 863571 ● 863573 ● 863572	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)	1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
SIENA COB Dimensions (ø x H) Installation Beam angle Current	Stainless steel look housing ● 863721 ● 863720 ● 863722	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
SIENA FIX COB Dimensions (ø x H) Installation Beam angle Current	Stainless steel look housing ● 863727 ● 863726 ● 863728	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
LAGOS COB Dimensions (ø x H) Installation Beam angle Current Surface mount separately available.	Aluminum housing ● 863693 ● 863696 ● 863695	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
MALABO COB Dimensions (ø x H) Installation Beam angle Current Surface mount separately available.	Aluminum housing ● 863621 ● 863622 ● 863620	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
VALENZA COB Dimensions (ø x H) Installation Beam angle Current Surface mount included.	Stainless steel look housing ● 863631 ● 863637 ● 863635	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
TILOS COB Dimensions (ø x H) Installation Current	Aluminum housing ● 863661 ● 863662 ● 863660	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.
FARO COB Dimensions (ø x H) Installation Current	Aluminum housing ● 863681 ● 863682 ● 863680	Extra warm white (2700K) Warm white (3000K) Natural white (4000K)			1 to 3 pcs.	2 to 4 pcs.	3 to 5 pcs.	1 to 4 pcs.	1 pc.	1 to 3 pcs.	4 to 5 pcs.

Lumiko Bonnita LED lighting

Replaces 50 W halogen lighting

TECHNICAL SPECIFICATIONS

Output Voltage	6,3 W	Light color	Lumen
Current	9.2 V		
Lumen	max. 700 mA	● Extra warm white (2700K)	630
	see chart	○ Warm white (3000K)	640
		○ Natural white (4000K)	650

Art no.	Light color	Art no.	Light color
With 40° reflector			
● 863020	Extra warm white (2700K)	● 863010	Extra warm white (2700K)
● 863022	Warm white (3000K)	● 863012	Warm white (3000K)
● 863024	Natural white (4000K)	○ 863014	Natural white (4000K)
With 15° reflector			
● 863010	Extra warm white (2700K)	● 863010	Extra warm white (2700K)
● 863012	Warm white (3000K)	● 863012	Warm white (3000K)
○ 863014	Natural white (4000K)	○ 863014	Natural white (4000K)

The Bonnita is placed in existing or new Ø50 mm MR16 fixtures. Our matching fixtures are displayed on the other side of this guide.

Drivers for the Bonnita (700 mA)						
Dimmable drivers				Not dimmable		
Trailing edge 100 - 30 %	Trailing edge 100 - 30 %	Trailing edge 100 - 30 %	1 - 10 V 100 - 0 %	1 - 10 V 100 - 30 %	DALI	
860084	860088	876804	876810	876836	876862	876800
891042	891042	891042	891740	891740		
1	2 to 4	1	1 to 3	4 to 6	1 to 4	1
Bonnita	Bonnita	Bonnita	Bonnita	Bonnita	Bonnita	Bonnita

Make sure you don't forget the connectors.

Installing the Lumiko LED spots with connectors.

