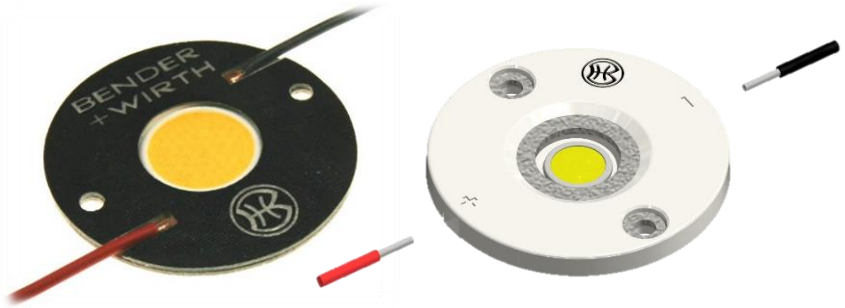
BENDER +WIRTH

LED HALTER SERIE 430 + 630

LED HOLDER SERIES 430 + 630

Katalog der Standardhalter für **LG Innotek** COBs

Catalogue of standard holders for **LG Innotek** COBs



UNSER KONZEPT
FÜR **IHRE**
INDIVIDUELLE
LED MONTAGE

OUR CONCEPT
FOR **YOUR**
INDIVIDUAL
LED MOUNTING

LG Innotek

INHALTSVERZEICHNIS
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BENDER +WIRTH

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Ist Ihre COB oder die gewünschte Bauform nicht aufgeführt?
Bitte sprechen Sie uns an.
If your COB or requested shape is not listed, please contact us.

Die dargestellten Halter / Reflektor Kombinationen zeigen lediglich die technische Machbarkeit. Technische Daten und Montagehinweise sind in unserem Technical Guide LED Halter Serie 430 und 630 aufgeführt.
Die Kabelaustritte an den Haltern sind abhängig vom verwendeten COB.
Optische Daten und Datenblätter gibt es auf Anfrage nach Verfügbarkeit beim Reflektorhersteller.
The illustrated holder / reflector combinations only show the technical feasibility.
Technical data and mounting instructions are listed in our
Technical Guide LED holder series 430 and 630.
The cable exits of the holders are pending on the COB.
Optical data and datasheets are available upon request and availability by the reflector manufacturer.

Die Informationen in diesem Dokument sind ohne Gewähr und können ohne Vorankündigung geändert werden.
The information in this document is provided without liability and subject to change without notice.

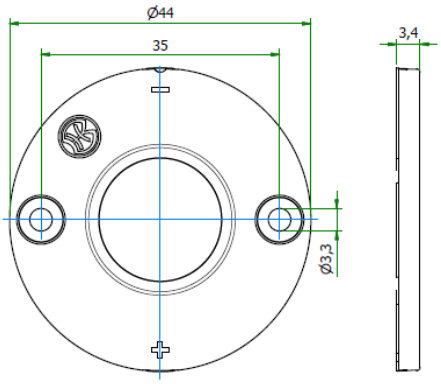
COB HALTER HYBRID
COB HOLDER HYBRID

630

Gehäusetyp: Housing:	**LowProfile**	**Größe / Size : 44/50 mm** **Höhe / Height : 3,4 mm**
Beispiele für passende Optiken examples of suitable optics	**LEDiL STELLA-T4, -VSM, -DWC2, -G2-T2, -G2-T3, -G2-T4** **KHATOD COSMO 70/90mm**	

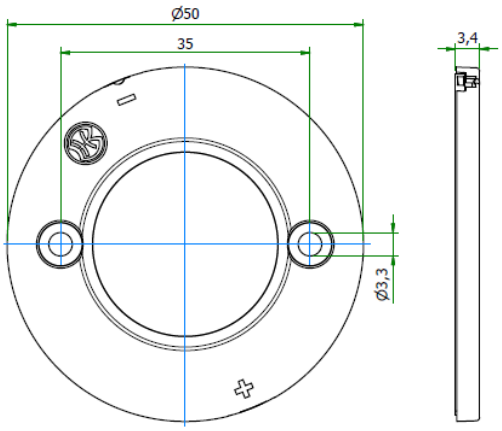
Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x

633a/47590 (2 : 1)



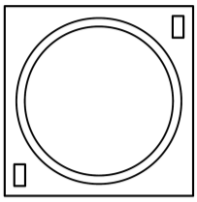
631a/47584 (2 : 1)

Version 2: 631x, 632x, 639x, 663x



Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



siehe Einzeldatenblätter im Online Katalog

see data sheets at our web catalogue

Zertifikate / certificates

Ausweis-Nr.

File E472

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

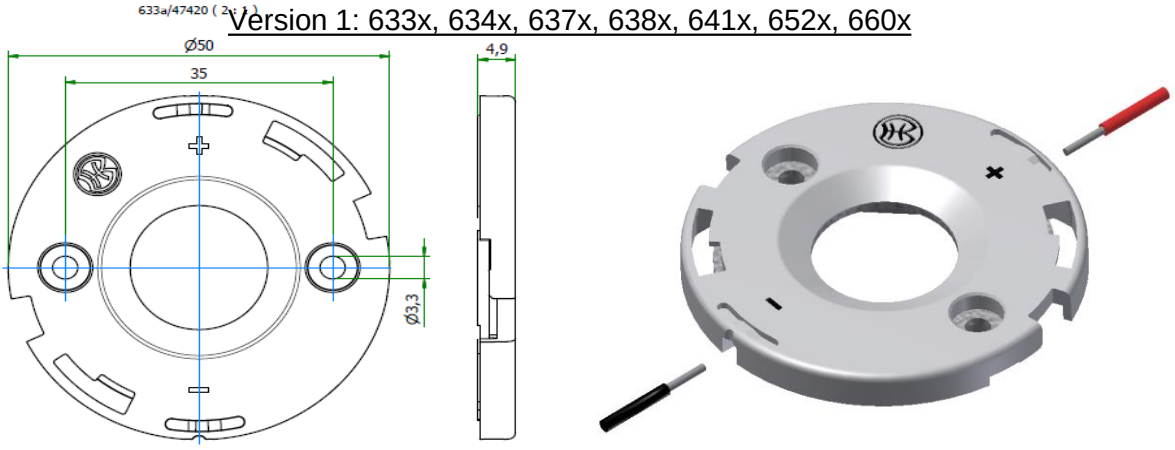
Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	7W L-COB G1	**47455**	COB Holder Hybrid 652a LowProfile
LG	10W L-COB G1	**47880**	COB Holder Hybrid 638b LowProfile
LG	16W / 21W L-COB G1	**47581**	COB Holder Hybrid 632a LowProfile
LG	32W L-COB G1	**47581**	COB Holder Hybrid 632a LowProfile
LG	42W L-COB G1	**47856**	COB Holder Hybrid 631b LowProfile
LG	56W L-COB G1	**47856**	COB Holder Hybrid 631b LowProfile
LG	6W / 9W / 12W L-COB G2	**47659**	COB Holder Hybrid 634a LowProfile
LG	15W/18W/25W/30W L-COB G2	**47590**	COB Holder Hybrid 633a LowProfile
LG	34W / 37W / 55W L-COB G2	**47856**	COB Holder Hybrid 631b LowProfile
LG	12W F-COB G1	**47659**	COB Holder Hybrid 634a LowProfile
LG	25W / 30W F-COB G1	**47590**	COB Holder Hybrid 633a LowProfile
LG	40W / 83W F-COB G1	**47584**	COB Holder Hybrid 631a LowProfile

COB HALTER HYBRID
COB HOLDER HYBRID

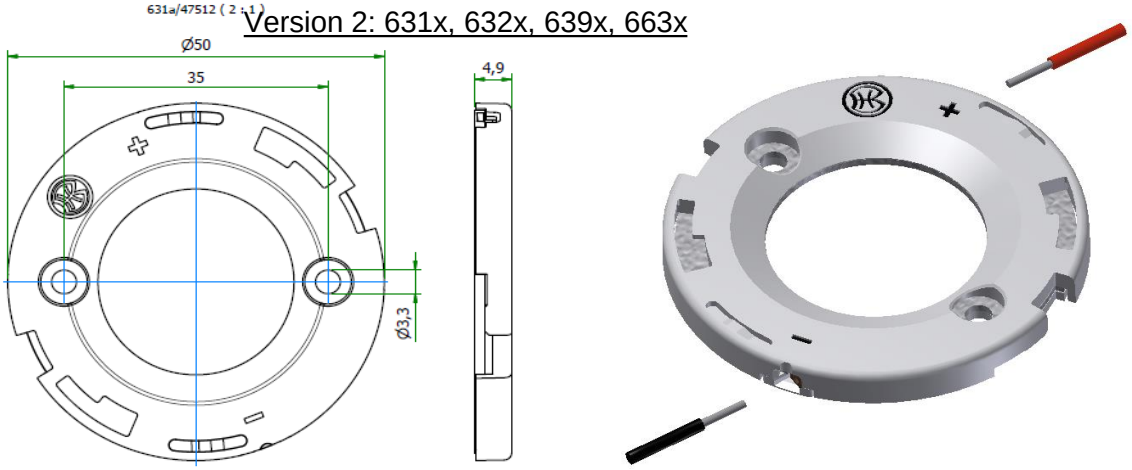
630

Gehäusetyp: Housing:	**Bayonet50**	**Größe / Size : 50 mm** **Höhe / Height : 4,9 mm**
Beispiele für passende Optiken examples of suitable optics	**LEDiL ANGELA-B, ANGELINA-B, ANGELETTE-B, ZORYA-B** **GAGGIONE LLR07M, LLR27M**	

Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x

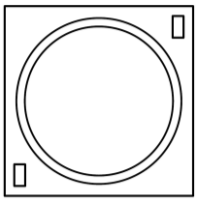


Version 2: 631x, 632x, 639x, 663x



Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



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Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:				
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder	
LG	7W L-COB G1	**47453**	COB Holder Hybrid 652a	Bayonet50
LG	10W L-COB G1	**47876**	COB Holder Hybrid 638b	Bayonet50
LG	16W / 21W L-COB G1	**47449**	COB Holder Hybrid 632a	Bayonet50
LG	32W L-COB G1	**47449**	COB Holder Hybrid 632a	Bayonet50
LG	42W L-COB G1	**47528**	COB Holder Hybrid 631b	Bayonet50
LG	56W L-COB G1	**47528**	COB Holder Hybrid 631b	Bayonet50
LG	6W / 9W / 12W L-COB G2	**47412**	COB Holder Hybrid 634a	Bayonet50
LG	15W/18W/25W/30W L-COB G2	**47420**	COB Holder Hybrid 633a	Bayonet50
LG	34W / 37W / 55W L-COB G2	**47528**	COB Holder Hybrid 631b	Bayonet50
LG	12W F-COB G1	**47412**	COB Holder Hybrid 634a	Bayonet50
LG	25W / 30W F-COB G1	**47420**	COB Holder Hybrid 633a	Bayonet50
LG	40W / 83W F-COB G1	**47512**	COB Holder Hybrid 631a	Bayonet50

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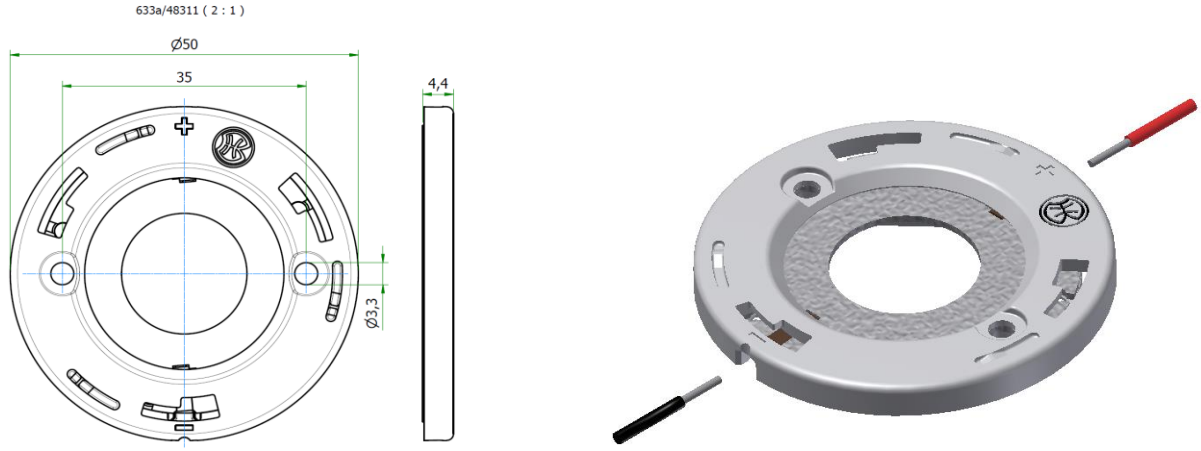
Gehäusetyp: Housing:	**Bayonet50G**	**Größe / Size : 50 mm** **Höhe / Height : 4,5 mm**

Beispiele für passende Optiken examples of suitable optics	**GAGGIONE LLC66x7** **GAGGIONE LLC79x7** **GAGGIONE LLC76x7**

Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x

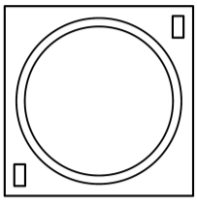


Version 2: 631x, 632x, 639x, 663x

Diese Version ist nicht umgesetzt. Bei Bedarf bitte melden Sie sich bei uns.
This version is not established. Please contact us on request.

Bemessungsspannung rated voltage	**Standard 80V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,3 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



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Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:				
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder	
LG	7W L-COB G1	**48354**	COB Holder Hybrid 652a	Bayonet50G
LG	10W L-COB G1	**48351**	COB Holder Hybrid 638b	Bayonet50G
LG	16W / 21W L-COB G1		auf Anfrage / on request	
LG	32W L-COB G1		auf Anfrage / on request	
LG	42W L-COB G1		auf Anfrage / on request	
LG	56W L-COB G1		auf Anfrage / on request	
LG	6W / 9W / 12W L-COB G2	**48310**	COB Holder Hybrid 634a	Bayonet50G
LG	15W/18W/25W/30W L-COB G2	**48311**	COB Holder Hybrid 633a	Bayonet50G
LG	34W / 37W / 55W L-COB G2		auf Anfrage / on request	
LG	12W F-COB G1	**48310**	COB Holder Hybrid 634a	Bayonet50G
LG	25W / 30W F-COB G1	**48311**	COB Holder Hybrid 633a	Bayonet50G
LG	40W / 83W F-COB G1		auf Anfrage / on request	

COB HALTER HYBRID
COB HOLDER HYBRID

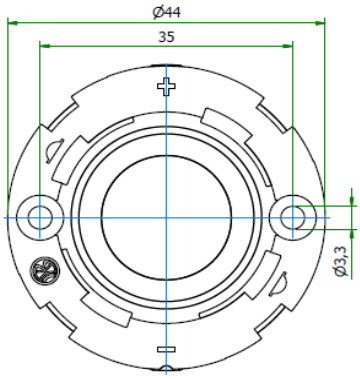
630

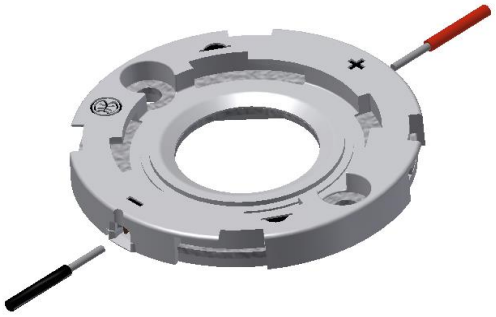
BENDER +WIRTH

Gehäusetyp: Housing:	**Hekla**	**Größe / Size : 44/50 mm** **Höhe / Height : 5,5 mm**

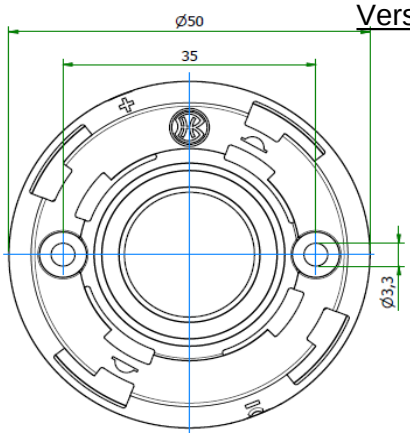
Beispiele für passende Optiken examples of suitable optics	**LEDiL BARBARA-G2, MIRELLA-G2, BROOKE-G2** **LEDiL CARMEN 50/70/90, ZORYA, ILONA/ILONA ZOOM** **LEDiL RONDA-C, WINNIE-C, AMY-50-C, YASMEEN-50/70-C**

633a/47495 (2 : 1) Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x



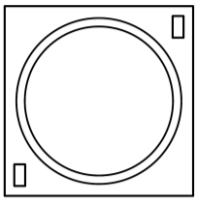


663a/48366 (2 : 1) Version 2: 631x, 632x, 639x, 663x



Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmoment max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



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Zertifikate / certificates

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File E472

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	7W L-COB G1	**47889**	COB Holder Hybrid 652a Hekla
LG	10W L-COB G1	**47878**	COB Holder Hybrid 638b Hekla
LG	16W / 21W L-COB G1	**48217**	COB Holder Hybrid 632a Hekla XL
LG	32W L-COB G1	**48217**	COB Holder Hybrid 632a Hekla XL
LG	42W L-COB G1	**48220**	COB Holder Hybrid 631b Hekla XL
LG	56W L-COB G1	**48220**	COB Holder Hybrid 631b Hekla XL
LG	6W / 9W / 12W L-COB G2	**47505**	COB Holder Hybrid 634a Hekla
LG	15W/18W/25W/30W L-COB G2	**47495**	COB Holder Hybrid 633a Hekla
LG	34W / 37W / 55W L-COB G2	**48220**	COB Holder Hybrid 631b Hekla XL
LG	12W F-COB G1	**47505**	COB Holder Hybrid 634a Hekla
LG	25W / 30W F-COB G1	**47495**	COB Holder Hybrid 633a Hekla
LG	40W / 83W F-COB G1	**48219**	COB Holder Hybrid 631a Hekla XL

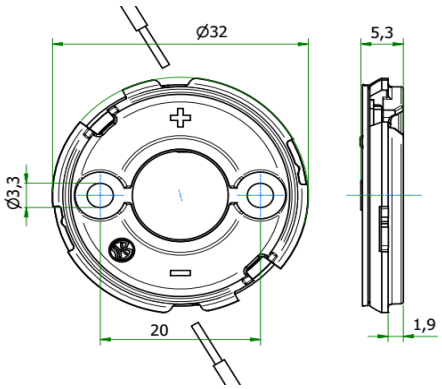
COB HALTER HYBRID
COB HOLDER HYBRID

630

BENDER +WIRTH

Gehäusetyp: Housing:	**Bayonet35L**	**Größe / Size : 32mm** **Höhe / Height : 5,3 mm**
Beispiele für passende Optiken examples of suitable optics	**LEDiL AMY-35-B, AMY-50-B**	

Version 1: 634x, 652x, 660x



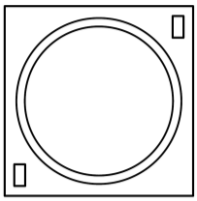
Weitere COBs sind aufgrund der geringen Abmessungen leider nicht möglich.
Due to the small housing dimensions more COBs cannot be supported.

Spezielle Schraube mit flachem Kopf erforderlich
Special flat head screw required

e.g. 48279
M3 x 8mm

Bemessungsspannung rated voltage	**Standard 250V DC optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,3 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



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Zertifikate / certificates

Ausweis-Nr.

File E472

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

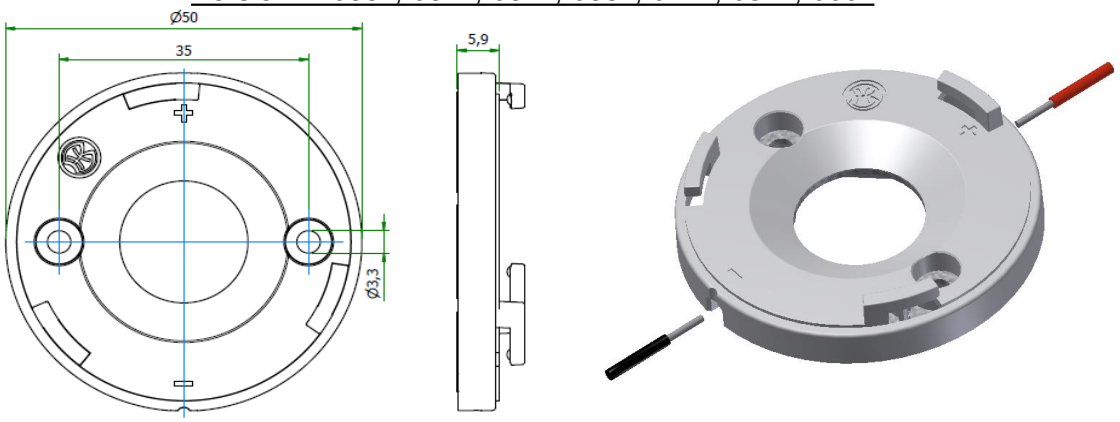
Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:				
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder	
LG	7W L-COB G1	**49049**	COB Halter Hybrid 652a	Bayonet35L
LG	6W / 9W / 12W L-COB G2	**49039**	COB Halter Hybrid 634a	Bayonet35L
LG	12W F-COB G1	**49039**	COB Halter Hybrid 634a	Bayonet35L

COB HALTER HYBRID
COB HOLDER HYBRID

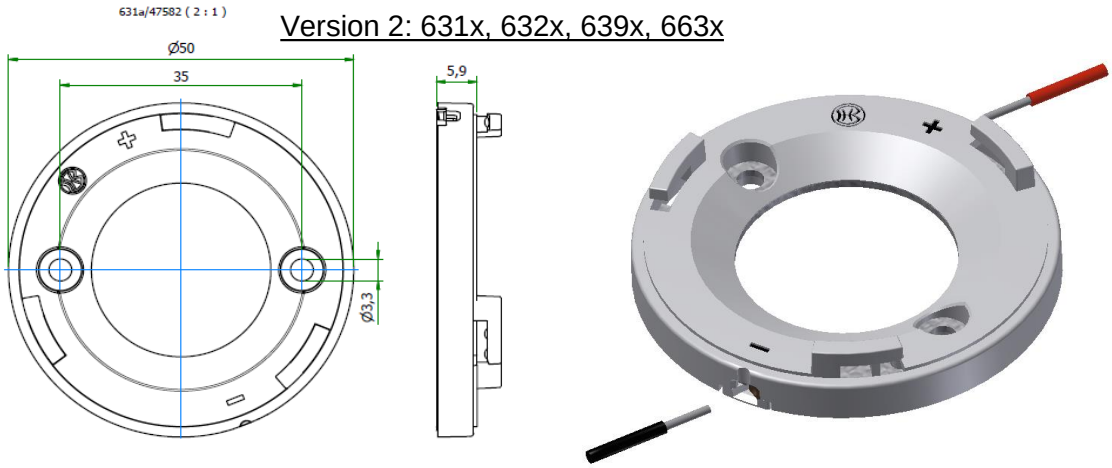
630

Gehäusetyp: Housing:	**3Hook**	**Größe / Size : 50 mm** **Höhe / Height : 5,9 mm**
Beispiele für passende Optiken examples of suitable optics	**LEDiL ANGELA, ANGELINA, ANGELETTE** **LEDiL MOLLY, RONDA (HOLDER A)** **CARCLO S1**	

Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x

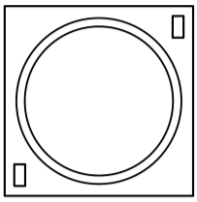


Version 2: 631x, 632x, 639x, 663x



Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



siehe Einzeldatenblätter im Online Katalog

see data sheets at our web catalogue

Zertifikate / certificates

Ausweis-Nr.

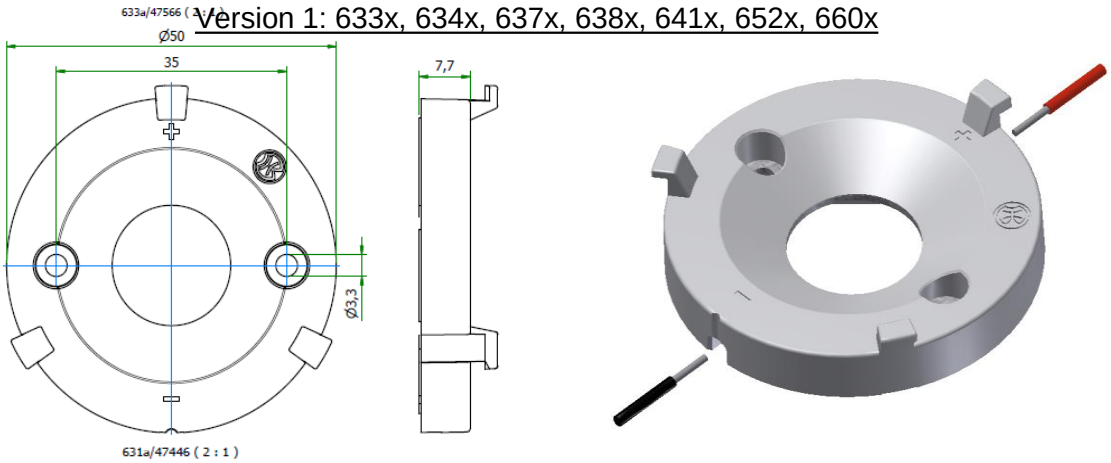
File E472

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

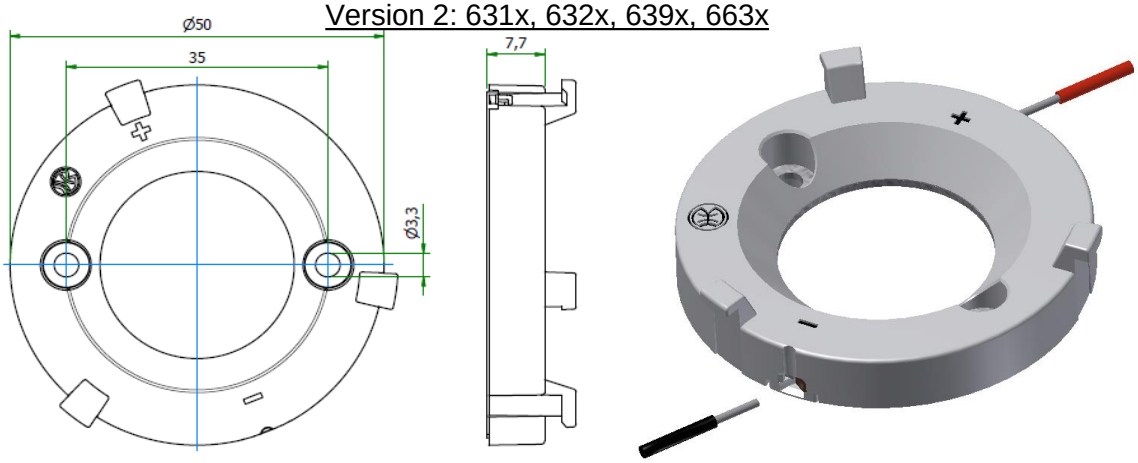
Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	16W / 21W L-COB G1	**47580**	COB Holder Hybrid 632a 3Hook
LG	32W L-COB G1	**47580**	COB Holder Hybrid 632a 3Hook
LG	42W L-COB G1	**47583**	COB Holder Hybrid 631b 3Hook
LG	56W L-COB G1	**47583**	COB Holder Hybrid 631b 3Hook
LG	15W/18W/25W/30W L-COB G2	**47562**	COB Holder Hybrid 633a 3Hook
LG	34W / 37W / 55W L-COB G2	**47583**	COB Holder Hybrid 631b 3Hook
LG	25W / 30W F-COB G1	**47562**	COB Holder Hybrid 633a 3Hook
LG	40W / 83W F-COB G1	**47582**	COB Holder Hybrid 631a 3Hook

Gehäusetyp: Housing: **Lena**	**Größe / Size : 50 mm** **Höhe / Height : 7,7 mm**
Beispiele für passende Optiken examples of suitable optics	**LEDiL LENA, LENINA**

Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x

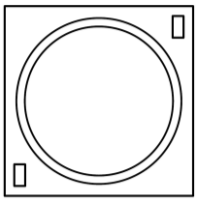


Version 2: 631x, 632x, 639x, 663x



Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmonent max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



siehe Einzeldatenblätter im Online Katalog

see data sheets at our web catalogue

Zertifikate / certificates

Ausweis-Nr.

File E472

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	16W / 21W L-COB G1	**47450**	COB Holder Hybrid 632a Lena
LG	32W L-COB G1	**47450**	COB Holder Hybrid 632a Lena
LG	42W L-COB G1	**47855**	COB Holder Hybrid 631b Lena
LG	56W L-COB G1	**47855**	COB Holder Hybrid 631b Lena
LG	15W/18W/25W/30W L-COB G2	**47566**	COB Holder Hybrid 633a Lena
LG	34W / 37W / 55W L-COB G2	**47855**	COB Holder Hybrid 631b Lena
LG	25W / 30W F-COB G1	**47566**	COB Holder Hybrid 633a Lena
LG	40W / 83W F-COB G1	**47446**	COB Holder Hybrid 631a Lena

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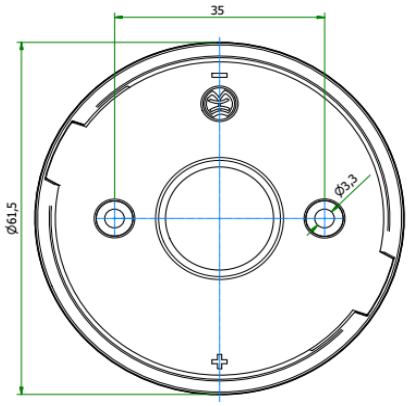
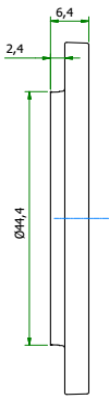
COB HALTER HYBRID
COB HOLDER HYBRID

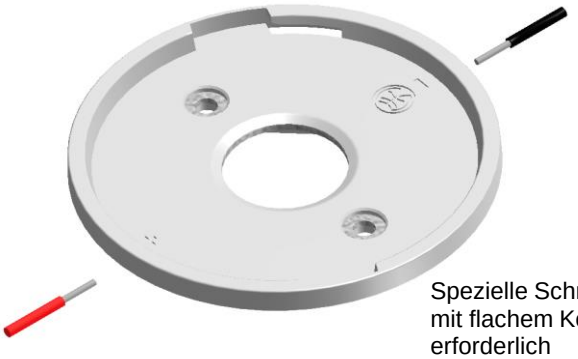
630

Gehäusetyp: Housing:	**RJR**	**Größe / Size : 61,5 mm** **Höhe / Height : 6,5 mm**
Beispiele für passende Optiken examples of suitable optics	**BARTENBACH RJR OPTIC**	

Version 1: 633x, 634x, 637x, 638x, 641x, 652x, 660x



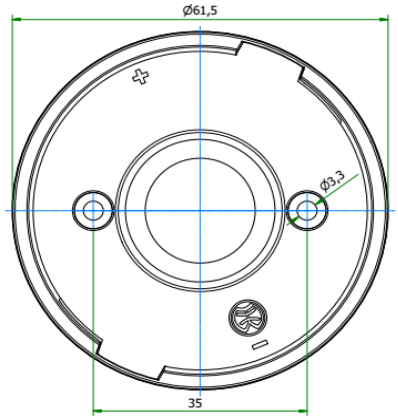


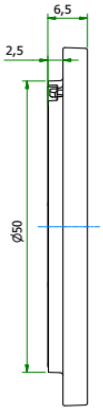


Spezielle Schraube mit flachem Kopf erforderlich
Special flat head screw required

e.g. 48279
M3 x 8mm

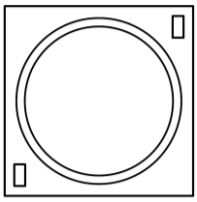
Version 2: 631x, 632x, 639x, 663x





Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmoment max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



siehe Einzeldatenblätter im Online Katalog

see data sheets at our web catalogue

Zertifikate / certificates

Ausweis-Nr. 40050075

File E47294

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

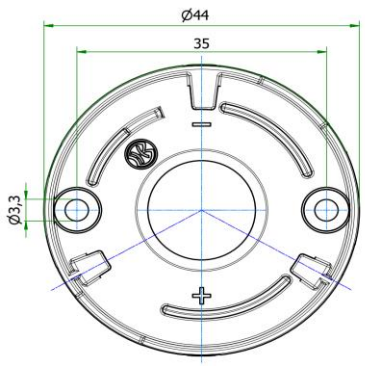
Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	16W / 21W L-COB G1	**48813**	COB Halter Hybrid 632a RJR
LG	32W L-COB G1	**48813**	COB Halter Hybrid 632a RJR
LG	15W/18W/25W/30W L-COB G2	**48803**	COB Halter Hybrid 633a RJR
LG	25W / 30W F-COB G1	**48803**	COB Halter Hybrid 633a RJR

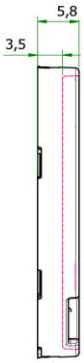
COB HALTER HYBRID
COB HOLDER HYBRID

630

Gehäusetyp: Housing:	**NATA**	**Größe / Size : 44/50 mm** **Höhe / Height : 5,8 mm**
Beispiele für passende Optiken examples of suitable optics	**NATA M30 e.g. 1687M,1709M,1-0788M etc.** **NATA M39 e.g. 2-1672M, 2-1674M, 2-2010M etc**	

Version 1 M30 : 633x, 634x, 637x, 638x, 641x, 652x, 660x

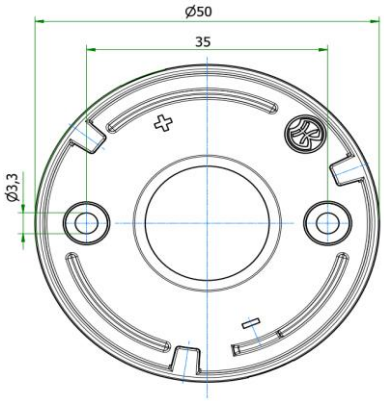


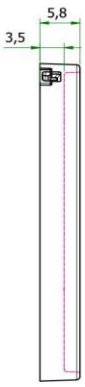


Spezielle Schraube mit flachem Kopf erforderlich
Special flat head screw required

e.g. 48279
M3 x 8mm

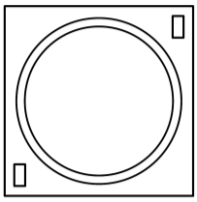
Version 2 M39 : 631x, 632x, 639x, 663x





Bemessungsspannung rated voltage	**Standard 250V DC** **optional 450V DC**
Bemessungsstrom rated current	**5 A**
Bemessungstemperatur rated operating temperature	**T 120**
Befestigung fixing	**2 Schrauben M3** 2 screws M3
max. Drehmoment max. torque	**0,5 Nm**
Material des Halters material of the holder	**PBT / Mikanit** PBT / Mica
Kontaktmaterial contactmaterial	**CuSn** CuSn

Zulässige COB Abmessungen
Permissible COB dimensions



siehe Einzeldatenblätter im Online Katalog

see data sheets at our web catalogue

Zertifikate / certificates

Ausweis-Nr. 40050075

File E47294

Weitere technische Daten und Montagehinweise sind im Technical Guide COB Halterserie 630 enthalten.
Further technical details and mounting instructions are part of the Technical Guide COB holder series 630.

COB HALTER HYBRID
COB HOLDER HYBRID

630

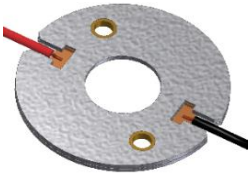
BENDER +WIRTH

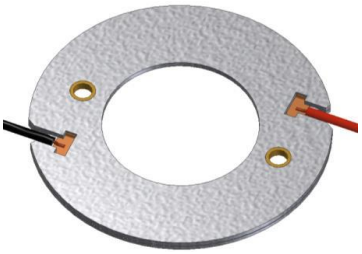
Teilumhüllter Halter für folgende COBs / unenclosed holder for the following COBs:			
Hersteller supplier	**COB Typ** COB Type	**Teile-Nr.** part no.	**Haltervariante** variant of holder
LG	10W L-COB G1	**on request**	COB Halter Hybrid 638b Nata M30
LG	16W / 21W L-COB G1	**48922**	COB Halter Hybrid 632a Nata M39
LG	32W L-COB G1	**48922**	COB Halter Hybrid 632a Nata M39
LG	6W / 9W / 12W L-COB G2	**48924**	COB Halter Hybrid 634a Nata M30
LG	15W/18W/25W/30W L-COB G2	**48923**	COB Halter Hybrid 633a Nata M30
LG	12W F-COB G1	**48924**	COB Halter Hybrid 634a Nata M30
LG	25W / 30W F-COB G1	**48923**	COB Halter Hybrid 633a Nata M30

Basishalter für Anwendungen, in denen keine besondere Anbindung zur Optik erforderlich ist.
Basic holders for applications without specific connection requirements to the optical system

Weitere Details unter More details at	www.bender-wirth.de	**Zertifikate /** certificates
LED Halter B+W LED Holder B+W	4xx / Typ xx	**Ausweis-Nr.** 40041342 **File** E472943

4xx / Typ xx





Mögliche Halter / COB Kombinationen / Holder / COB combinations

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Abmessungen Dimensions
LG	7W L-COB G1	452 Typ 1	Ø 30 / 20
LG	10W L-COB G1	480 Typ 1	33 x 27 / 28
LG	16W / 21W L-COB G1	432 Typ 2	Ø 50 / 35
LG	32W L-COB G1	432 Typ 2	Ø 50 / 35
LG	42W L-COB G1	471 Typ 2	Ø 50 / 35
LG	56W L-COB G1	471 Typ 2	Ø 50 / 35
LG	6W / 9W / 12W L-COB G2	434 Typ 2	Ø 35 / 25
LG	15W/18W/25W/30W L-COB G2	433 Typ 2	Ø 40 / 30
LG	34W / 37W / 55W L-COB G2	471 Typ 2	Ø 50 / 35
LG	12W F-COB G1	434 Typ 2	Ø 35 / 25
LG	25W / 30W F-COB G1	433 Typ 2	Ø 40 / 30
LG	40W / 83W F-COB G1	431 Typ 2	Ø 50 / 35
LG	115W / 170W F-COB G1	458 Typ 1	Ø 65 / 50

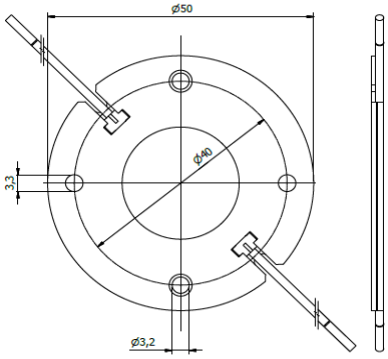
ALMECO GROUP

reflect+A team

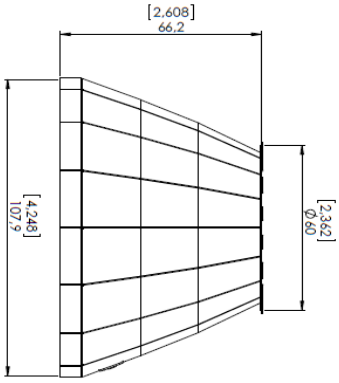
108n / 108w

Almeco Reflektor Almeco reflector	**108n**: 9568-01-xx-xx beam: <25° **108w**: 9567-01-xx-xx beam: >40°
Hersteller Webseite Manufacturer website	www.almecogroup.com
LED Halter B+W LED Holder B+W	4xx / Typ A1

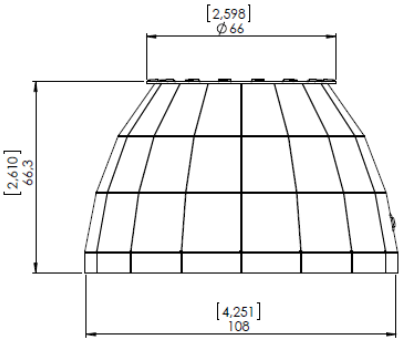
4xx Typ A1



Reflector 108n



Reflector 108w



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Almeco 108n / 108w**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ A1	see part numbers above
LG	10W L-COB G1	480 Typ A1	see part numbers above
LG	16W / 21W L-COB G1	432 Typ A1	see part numbers above
LG	32W L-COB G1	432 Typ A1	see part numbers above
LG	42W L-COB G1	471 Typ A1	see part numbers above
LG	6W / 9W / 12W L-COB G2	434 Typ A1	see part numbers above
LG	15W/18W/25W/30W L-COB G2	433 Typ A1	see part numbers above
LG	34W / 37W / 55W L-COB G2	471 Typ A1	see part numbers above
LG	12W F-COB G1	434 Typ A1	see part numbers above
LG	25W / 30W F-COB G1	433 Typ A1	see part numbers above
LG	40W / 83W F-COB G1	431 Typ A1	see part numbers above

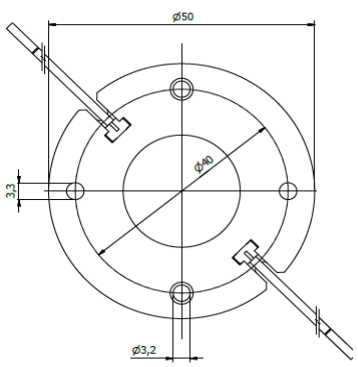
ALMECO GROUP

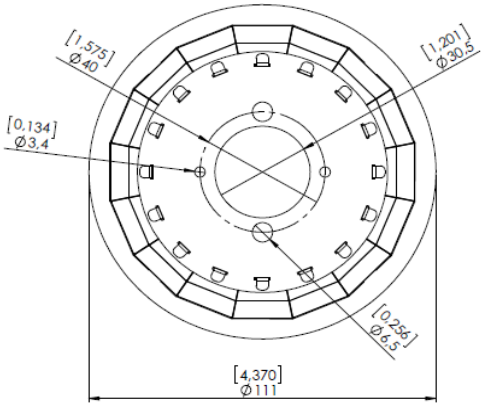
reflect+A team

DKL 97

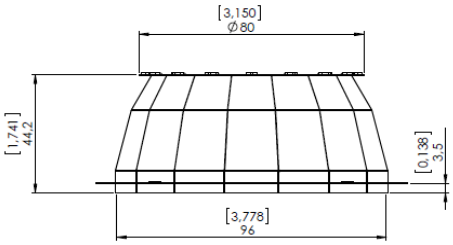
Almeco Reflektor Almeco reflector	9566-01-xx-xx *beam: batwing*
Hersteller Webseite Manufacturer website	www.almecogroup.com
LED Halter B+W LED Holder B+W	4xx / Typ A1

4xx Typ A1





Reflector DKL97



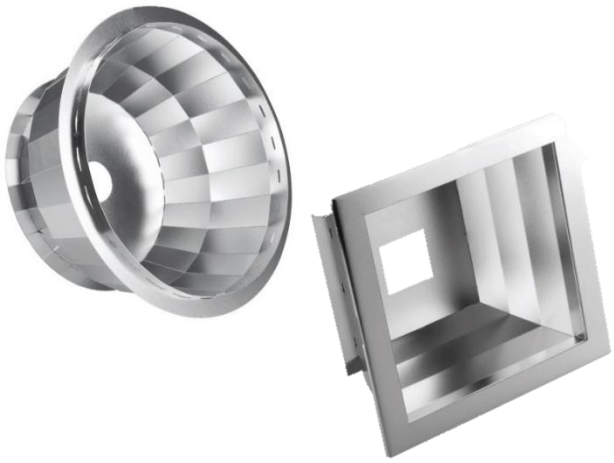
Mögliche Halter / COB Kombinationen / Holder / COB combinations **Almeco DKL 97**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ A1	see part numbers above
LG	10W L-COB G1	480 Typ A1	see part numbers above
LG	16W / 21W L-COB G1	432 Typ A1	see part numbers above
LG	32W L-COB G1	432 Typ A1	see part numbers above
LG	42W L-COB G1	471 Typ A1	see part numbers above
LG	6W / 9W / 12W L-COB G2	434 Typ A1	see part numbers above
LG	15W/18W/25W/30W L-COB G2	433 Typ A1	see part numbers above
LG	34W / 37W / 55W L-COB G2	471 Typ A1	see part numbers above
LG	12W F-COB G1	434 Typ A1	see part numbers above
LG	25W / 30W F-COB G1	433 Typ A1	see part numbers above
LG	40W / 83W F-COB G1	431 Typ A1	see part numbers above

ALMECO GROUP

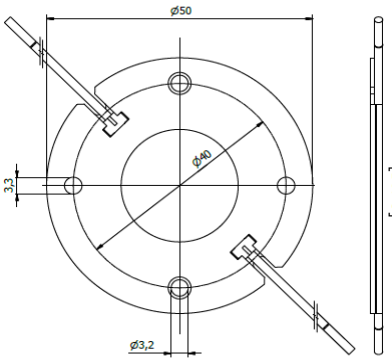
reflect+A team

DKL194/SQ120

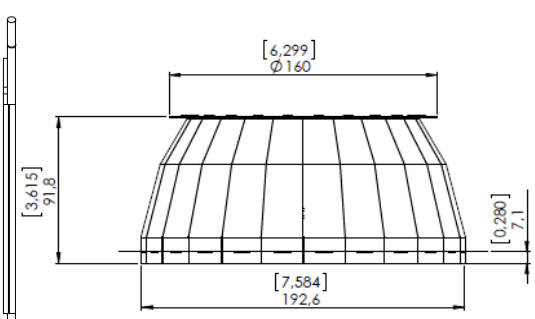


Almeco Reflektor Almeco reflector	**DKL194**: 9565-01-xx-xx beam: batwing **DKL SQ120**: 9569-01-xx-xx beam: batwing
Hersteller Webseite Manufacturer website	www.almecogroup.com
LED Halter B+W LED Holder B+W	4xx / Typ A1

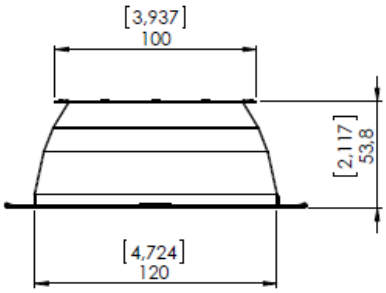
4xx Typ A1



Reflector DKL 194



Reflector DKL SQ120



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Almeco DKL 194/SQ120**

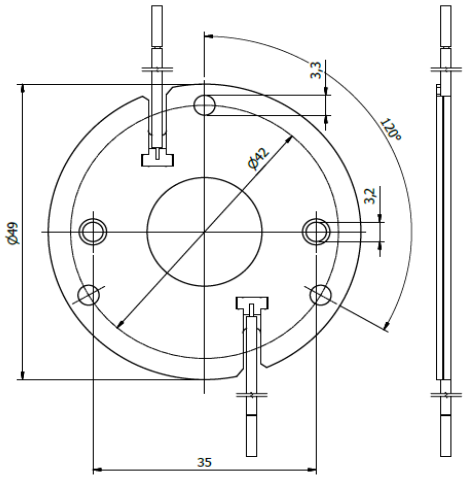
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	32W L-COB G1	432 Typ A1	see part numbers above
LG	42W L-COB G1	471 Typ A1	see part numbers above
LG	56W L-COB G1	471 Typ A1	see part numbers above
LG	15W/18W/25W/30W L-COB G2	433 Typ A1	see part numbers above
LG	34W / 37W / 55W L-COB G2	471 Typ A1	see part numbers above
LG	25W / 30W F-COB G1	433 Typ A1	see part numbers above
LG	40W / 83W F-COB G1	431 Typ A1	see part numbers above

Bartenbach
THE LIGHTING INNOVATORS

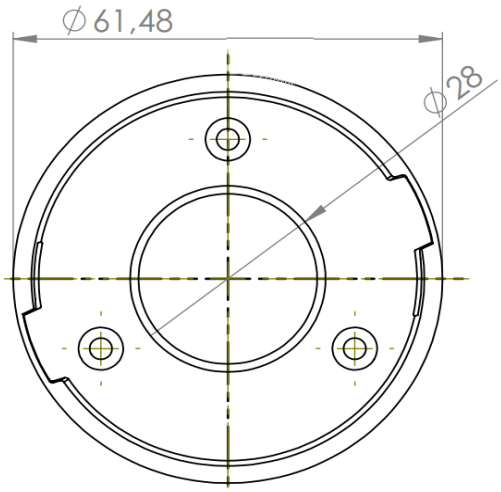
RJR

Bartenbach Reflektor Bartenbach reflector	RJR Reflektor Serie
Hersteller Webseite Manufacturer website	www.bartenbach.com
LED Halter B+W LED Holder B+W	4xx / Typ Z1

4xx Typ Z1



Adapter CJR-6262-0000-00

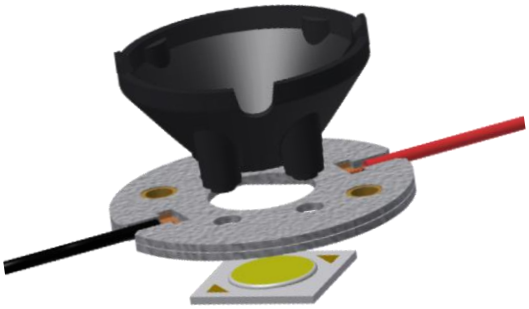


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Bartenbach RJR**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse / Halter Lense / Holder
LG	16W / 21W L-COB G1	432 Typ Z1	Adapter CJR-6262-0000-00
LG	32W L-COB G1	432 Typ Z1	Adapter CJR-6262-0000-00
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1	Adapter CJR-6262-0000-00
LG	25W / 30W F-COB G1	433 Typ Z1	Adapter CJR-6262-0000-00

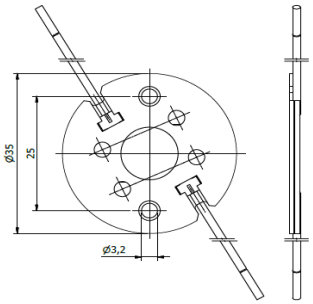
carclo Optics

26,5mm Family

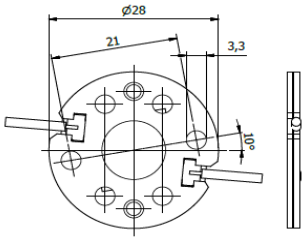


Carclo Linsenhalter Carclo lense holder	10460 white 10490 black 12040 clear
Hersteller Webseite Manufacturer website	www.carclo-optics.com
LED Halter B+W LED Holder B+W	4xx / Typ C2 4xx / Typ C3

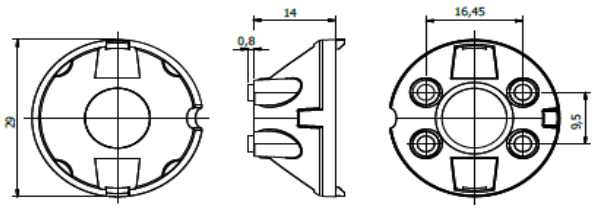
4xx Typ C2



4xx Typ C3



10460 white

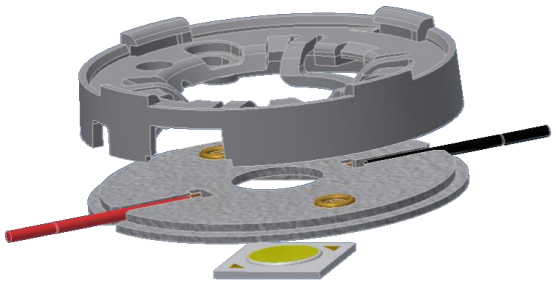


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Carclo 26,5 mm**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	7W L-COB G1	452 Typ C2	10460 (white)

carclo Optics

Newton

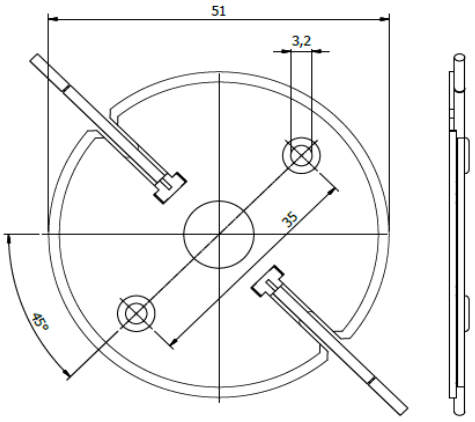


Carclo Adapter
Carclo adaptor
12796

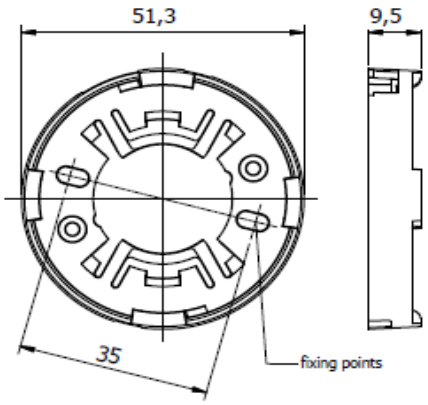
Hersteller Webseite
Manufacturer website
www.carclo-optics.com

LED Halter B+W
LED Holder B+W
4xx / Typ C1

4xx Typ C1



12796



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Carclo Newton**

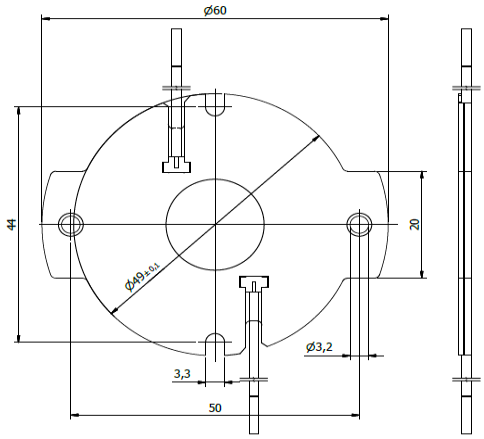
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	7W L-COB G1	452 Typ C1	12796
LG	10W L-COB G1	480 Typ C1	12796
LG	16W / 21W L-COB G1	432 Typ C1	12796
LG	32W L-COB G1	432 Typ C1	12796
LG	6W / 9W / 12W L-COB G2	434 Typ C1	12796
LG	15W/18W/25W/30W L-COB G2	433 Typ C1	12796
LG	12W F-COB G1	434 Typ C1	12796
LG	25W / 30W F-COB G1	433 Typ C1	12796

FRAEN MAXIMIZING LIGHT

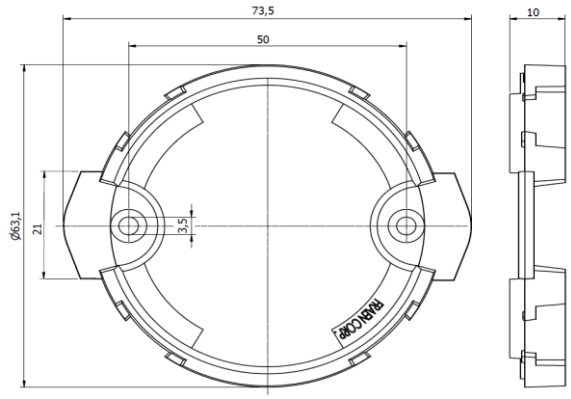
FNL-N1-75

Fraen Linse Fraen lense	FNL-N1-75-HB
Fraen Adapter Fraen base part	FTS-FNL 7551 B
Hersteller Webseite Manufacturer website	www.fraen.com/optics
LED Halter B+W LED Holder B+W	4xx / Typ F1

4xx Typ F1



FTS-FNL 7551 B

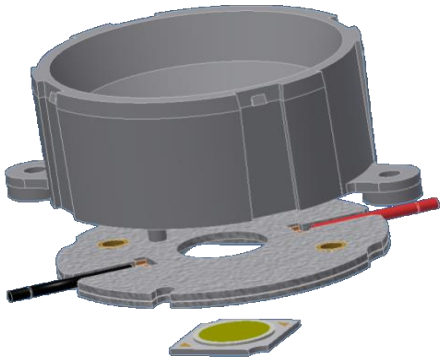


Mögliche Halter / COB Kombinationen / Holder / COB combinations **FRAEN FNL-N1-75**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	7W L-COB G1	452 Typ F1	FTS-FNL 7551 B
LG	10W L-COB G1	480 Typ F1	FTS-FNL 7551 B
LG	16W / 21W L-COB G1	432 Typ F1	FTS-FNL 7551 B
LG	32W L-COB G1	432 Typ F1	FTS-FNL 7551 B
LG	42W L-COB G1	471 Typ F1	FTS-FNL 7551 B
LG	56W L-COB G1	471 Typ F1	FTS-FNL 7551 B
LG	6W / 9W / 12W L-COB G2	434 Typ F1	FTS-FNL 7551 B
LG	15W/18W/25W/30W L-COB G2	433 Typ F1	FTS-FNL 7551 B
LG	34W / 37W / 55W L-COB G2	471 Typ F1	FTS-FNL 7551 B
LG	12W F-COB G1	434 Typ F1	FTS-FNL 7551 B
LG	25W / 30W F-COB G1	433 Typ F1	FTS-FNL 7551 B
LG	40W / 83W F-COB G1	431 Typ F1	FTS-FNL 7551 B

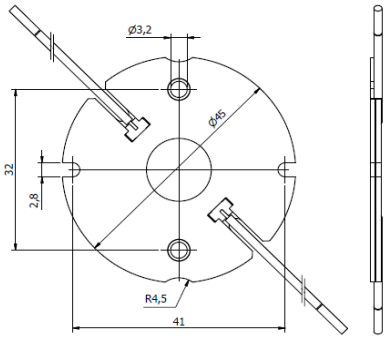
GAGGIONE

Reflektor Ø45 AF **LLR01N**

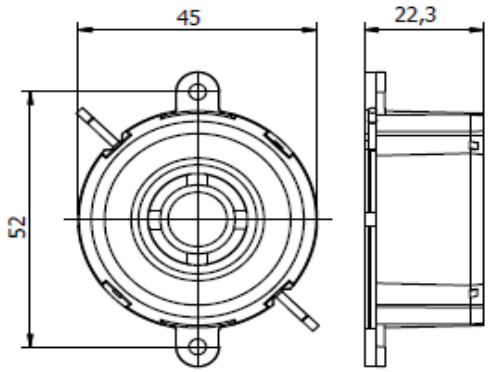


Gaggione Reflektor Gaggione reflector	LLR01N11AE1
Hersteller Webseite Manufacturer website	www.optic-gaggione.com
LED Halter B+W LED Holder B+W	4xx / Typ G1

4xx Typ G1



LLR01N11AE1

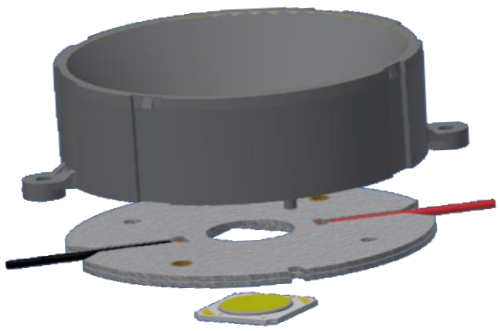


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Gaggione LLR01N**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ G1	LLR01N11AE1
LG	10W L-COB G1	480 Typ G1	LLR01N11AE1
LG	16W / 21W L-COB G1	432 Typ G1	LLR01N11AE1
LG	6W / 9W / 12W L-COB G2	434 Typ G1	LLR01N11AE1
LG	12W F-COB G1	434 Typ G1	LLR01N11AE1

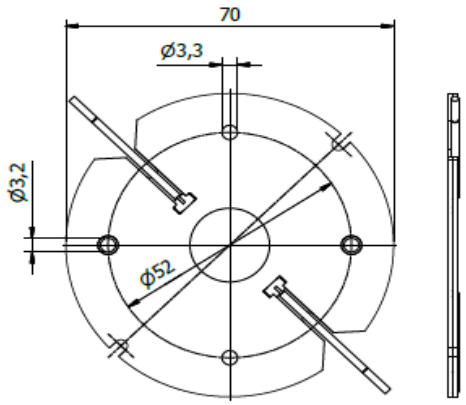
GAGGIONE

Reflektor Ø70 AF **LLR05N**

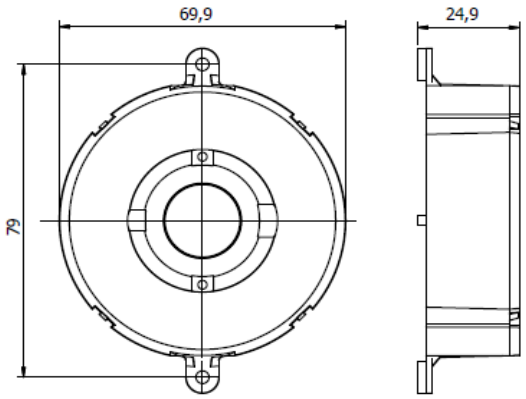


Gaggione Reflektor Gaggione reflector	LLR05N11AC1
Hersteller Webseite Manufacturer website	www.optic-gaggione.com
LED Halter B+W LED Holder B+W	4xx / Typ G2

4xx Typ G2



LLR05N11AC1

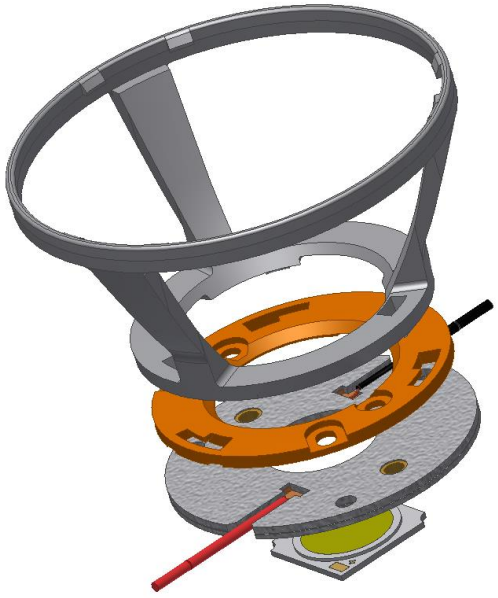


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Gaggione LLR05N**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ G2	LLR05N11AC1
LG	10W L-COB G1	480 Typ G2	LLR05N11AC1
LG	16W / 21W L-COB G1	432 Typ G2	LLR05N11AC1
LG	32W L-COB G1	432 Typ G2	LLR05N11AC1
LG	42W L-COB G1	471 Typ G2	LLR05N11AC1
LG	56W L-COB G1	471 Typ G2	LLR05N11AC1
LG	6W / 9W / 12W L-COB G2	434 Typ G2	LLR05N11AC1
LG	15W/18W/25W/30W L-COB G2	433 Typ G2	LLR05N11AC1
LG	34W / 37W / 55W L-COB G2	471 Typ G2	LLR05N11AC1
LG	12W F-COB G1	434 Typ G2	LLR05N11AC1
LG	25W / 30W F-COB G1	433 Typ G2	LLR05N11AC1
LG	40W / 83W F-COB G1	431 Typ G2	LLR05N11AC1

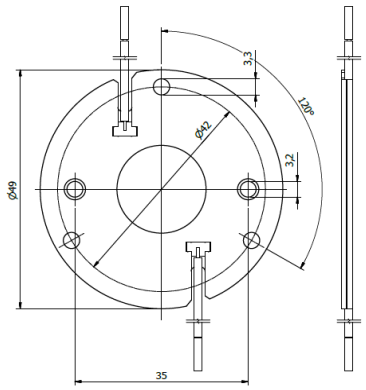
GAGGIONE

LLC66 / LLC79
Silicone Collimator



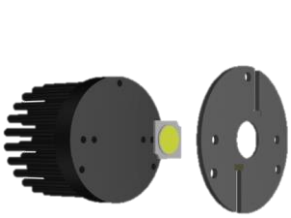
Gaggione Linse / Halter Gaggione lenses / holder	LLC66N/M/W Collimator LLS66N/M/W *(Optics assembled in Cage)* LLC79N/M/W Collimator LLS79N/M/W *(Optics assembled in Cage)* LLH66B1.. Base *for both versions*
Hersteller Webseite Manufacturer website	www.optic-gaggione.com
LED Halter B+W LED Holder B+W	4xx / Typ Z1

4xx Typ Z1



LLC 79

LLC66



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Gaggione LLC66**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse / Halter Lense / Holder
LG	7W L-COB G1	452 Typ Z1	LLS66.. / LLH066B1..
LG	10W L-COB G1	480 Typ Z1	LLS66.. / LLH066B1..
LG	16W / 21W L-COB G1	432 Typ Z1	LLS66.. / LLH066B1..
LG	32W L-COB G1	432 Typ Z1	LLS66.. / LLH066B1..
LG	42W L-COB G1	471 Typ Z1	LLS66.. / LLH066B1..
LG	6W / 9W / 12W L-COB G2	434 Typ Z1	LLS66.. / LLH066B1..

Mögliche Halter / COB Kombinationen / Holder / COB combinations Gaggione LLC66

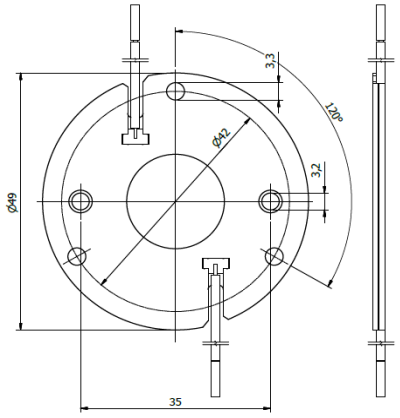
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse / Halter Lense / Holder
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1	LLS66.. / LLH066B1..
LG	12W F-COB G1	434 Typ Z1	LLS66.. / LLH066B1..
LG	25W / 30W F-COB G1	433 Typ Z1	LLS66.. / LLH066B1..

JORDAN

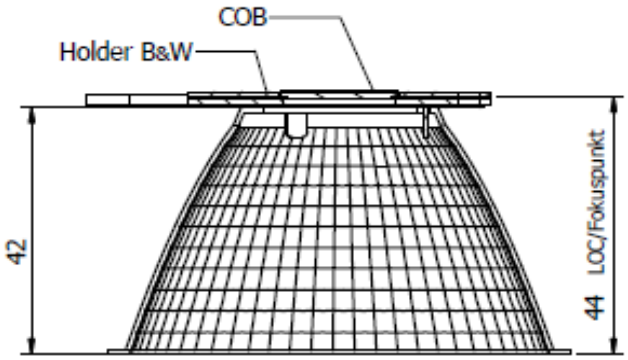
Serie 75

Jordan Reflektor Jordan reflector	112991S03101 - Spot 113238S03101 - Medium 113239S03101 - Flood
Hersteller Webseite Manufacturer website	www.jordan-reflektoren.de
LED Halter B+W LED Holder B+W	4xx / Typ Z1

4xx Typ Z1



11xxxxS03101*

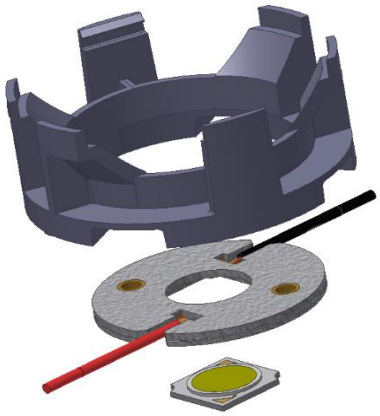


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Jordan Serie 75**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ Z1	11xxxxS03101
LG	10W L-COB G1	480 Typ Z1	11xxxxS03101
LG	16W / 21W L-COB G1	432 Typ Z1	11xxxxS03101
LG	32W L-COB G1	432 Typ Z1	11xxxxS03101
LG	42W L-COB G1	471 Typ Z1	11xxxxS03101
LG	56W L-COB G1	471 Typ Z1	11xxxxS03101
LG	6W / 9W / 12W L-COB G2	434 Typ Z1	11xxxxS03101
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1	11xxxxS03101
LG	34W / 37W / 55W L-COB G2	471 Typ Z1	11xxxxS03101
LG	12W F-COB G1	434 Typ Z1	11xxxxS03101
LG	25W / 30W F-COB G1	433 Typ Z1	11xxxxS03101
LG	40W / 83W F-COB G1	431 Typ Z1	11xxxxS03101

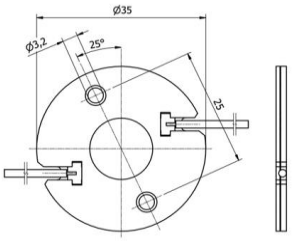
KHATOD®
Optical Solutions for LED Lighting

COSMO

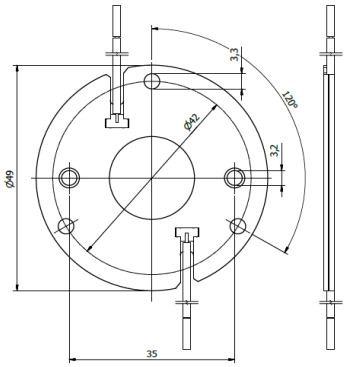


Khatod Linse Khatod lenses	PLL 2010.. 50mm PLL 2009.. 70mm PLL 2008.. 90mm
Hersteller Webseite Manufacturer website	www.khatod.com
LED Halter B+W LED Holder B+W	4xx / Typ K3 (PLL2010) 4xx / Typ Z1 (PLL2008/9)

4xx Typ K3



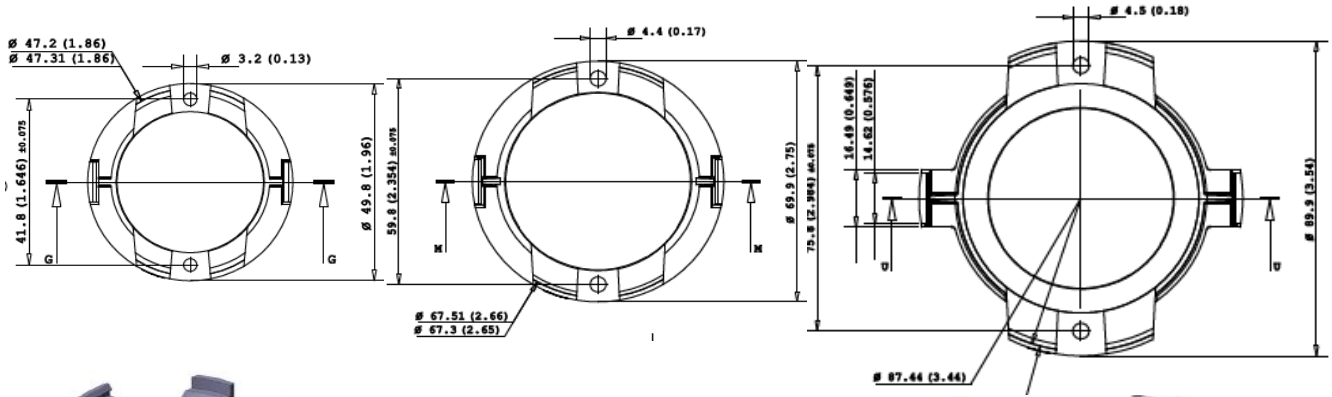
4xx Typ Z1



KEL 2010
lense holder for PLL2010

KEL2009
lense holder for PLL2009

KEL 2008
lense holder for PLL2008



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod Cosmo**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	7W L-COB G1	452 Typ K3	PLL2010.. + KEL2010 50mm
LG	10W L-COB G1	480 Typ K3	PLL2010.. + KEL2010 50mm
LG	16W / 21W L-COB G1	432 Typ Z1	PLL2009.. + KEL2009 70mm
LG	32W L-COB G1	432 Typ Z1	PLL2009.. + KEL2009 70mm
LG	42W L-COB G1	471 Typ Z1	PLL2008.. + KEL2008 90mm
LG	56W L-COB G1	471 Typ Z1	PLL2008.. + KEL2008 90mm
LG	6W / 9W / 12W L-COB G2	434 Typ K3	PLL2010.. + KEL2010 50mm
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1	PLL2009.. + KEL2009 70mm
LG	34W / 37W / 55W L-COB G2	471 Typ Z1	PLL2008.. + KEL2008 90mm
LG	12W F-COB G1	434 Typ K3	PLL2010.. + KEL2010 50mm
LG	25W / 30W F-COB G1	433 Typ Z1	PLL2009.. + KEL2009 70mm
LG	40W / 83W F-COB G1	431 Typ Z1	PLL2008.. + KEL2008 90mm

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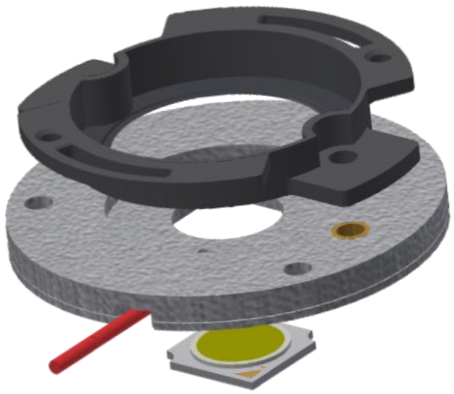
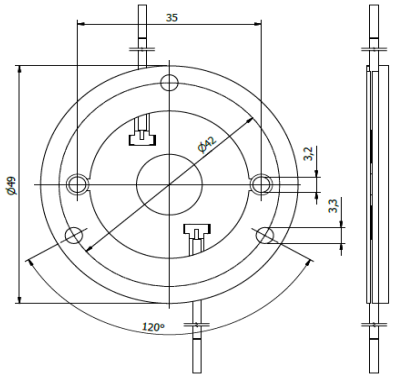
Optical Solutions for LED Lighting

EASY reflector system

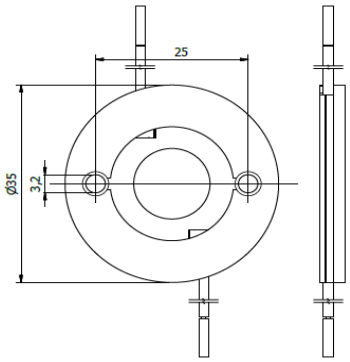


Khatod Reflektor Khatod reflector	KCLP 1856 / 1857 KCLP 1858 KCLP 1859
Hersteller Webseite Manufacturer website	www.khatod.com
LED Halter B+W LED Holder B+W	4xx / Typ Z2 4xx / Typ Z3

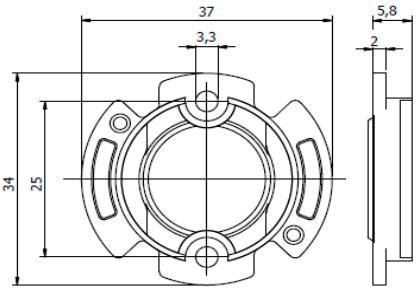
4xx Typ Z2



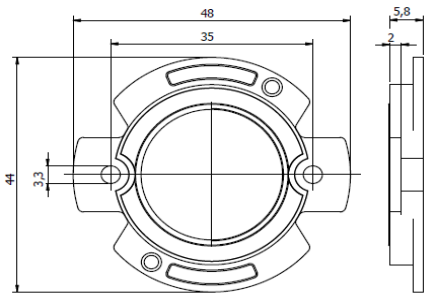
4xx Typ Z3



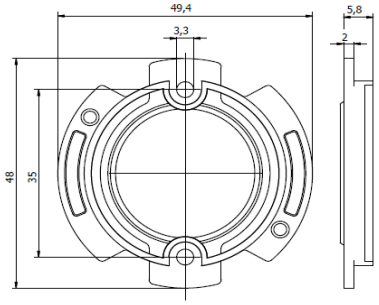
KCLP1856/1857
50mm reflector



KCLP1858
72mm reflector



KCLP1859
110 mm reflector



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod Easy**

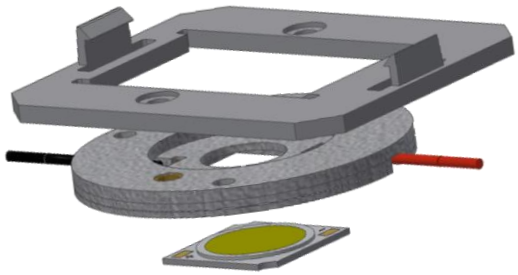
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	7W L-COB G1	452 Typ Z3	KCLP 1856 / 1857 (50mm)
LG	10W L-COB G1	480 Typ Z3	KCLP 1856 / 1857 (50mm)
LG	16W / 21W L-COB G1	432 Typ Z2	KCLP 1858 (72mm)
LG	32W L-COB G1	432 Typ Z2	KCLP 1858 (72mm)
LG	42W L-COB G1	471 Typ Z2	KCLP 1859 (110mm)

Mögliche Halter / COB Kombinationen / Holder / COB combinations Khatod Easy

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	6W / 9W / 12W L-COB G2	434 Typ Z3	KCLP 1856 / 1857 (50mm)
LG	15W/18W/25W/30W L-COB G2	433 Typ Z2	KCLP 1858 (72mm)
LG	12W F-COB G1	434 Typ Z3	KCLP 1856 / 1857 (50mm)
LG	25W / 30W F-COB G1	433 Typ Z2	KCLP 1858 (72mm)

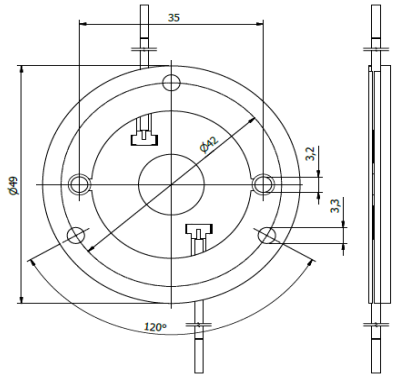
KHATOD®
Optical Solutions for LED Lighting

EASY
reflector system
Asymmetric

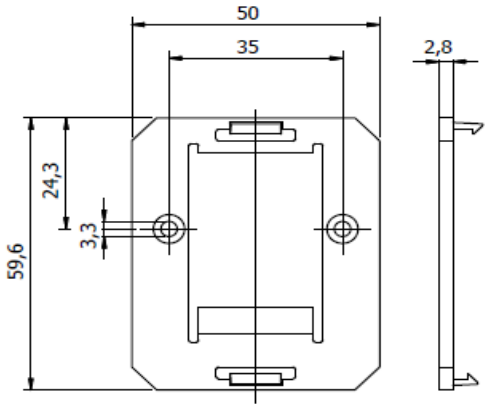


Khatod Adapter Khatod adaptor	KCLP 1799
Hersteller Webseite Manufacturer website	www.khatod.com
LED Halter B+W LED Holder B+W	4xx / Typ Z2

4xx Typ Z2



KCLP 1799

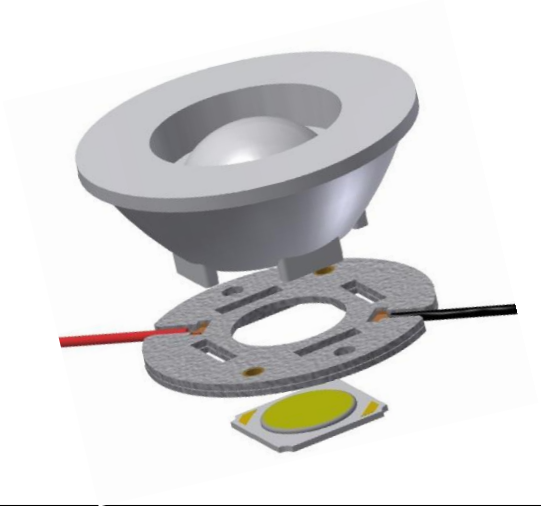


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod Easy asym.**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Reflektor Reflector
LG	10W L-COB G1	480 Typ Z2	KCLP 1799
LG	16W / 21W L-COB G1	432 Typ Z2	KCLP 1799
LG	32W L-COB G1	432 Typ Z2	KCLP 1799
LG	42W L-COB G1	471 Typ Z2	KCLP 1799
LG	6W / 9W / 12W L-COB G2	434 Typ Z2	KCLP 1799
LG	15W/18W/25W/30W L-COB G2	433 Typ Z2	KCLP 1799
LG	12W F-COB G1	434 Typ Z2	KCLP 1799
LG	25W / 30W F-COB G1	433 Typ Z2	KCLP 1799

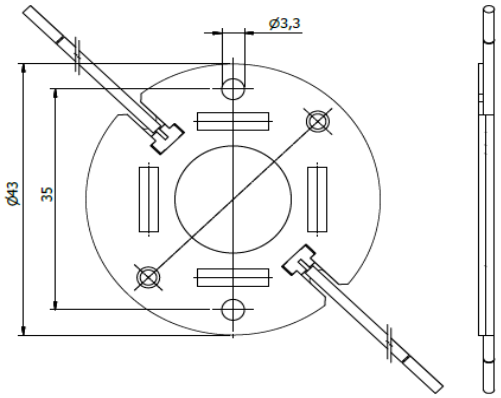
KHATOD® Optical Solutions for LED Lighting

PL50SIL Silicone Lense

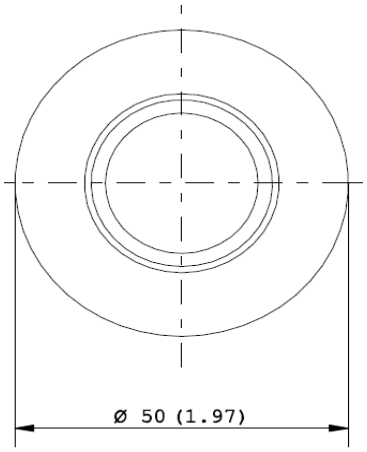


Khatod Linse Khatod lense	PL50SIL
Hersteller Webseite Manufacturer website	www.khatod.com
LED Halter B+W LED Holder B+W	4xx / Typ K2

4xx Typ K2



PL50SIL

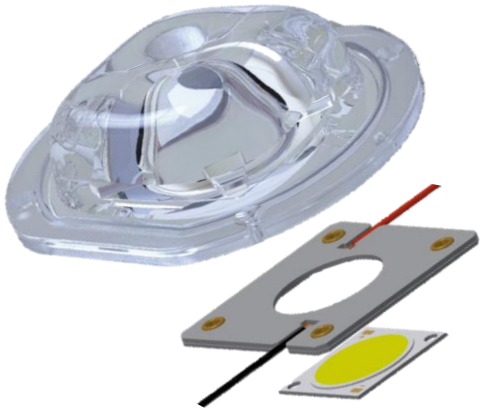


Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod PL50SIL**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	7W L-COB G1	452 Typ K2	PL50SIL
LG	10W L-COB G1	480 Typ K2	PL50SIL
LG	6W / 9W / 12W L-COB G2	434 Typ K2	PL50SIL
LG	15W/18W/25W/30W L-COB G2	433 Typ K2	PL50SIL
LG	12W F-COB G1	434 Typ K2	PL50SIL
LG	25W / 30W F-COB G1	433 Typ K2	PL50SIL

KHATOD® Optical Solutions for LED Lighting

SiO3
SiO3 Junior



Khatod Linse
Khatod lense

Khatod partnumbers

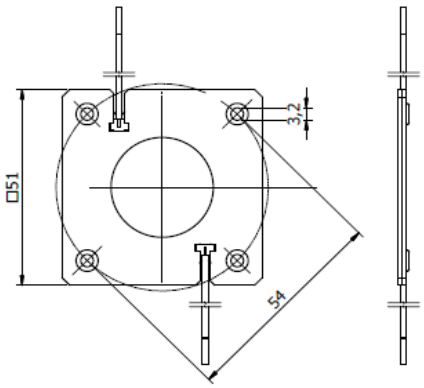
Hersteller Webseite
Manufacturer website

www.khatod.com

LED Halter B+W
LED Holder B+W

4xx / Typ K1

4xx Typ K1



Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod SiO3**

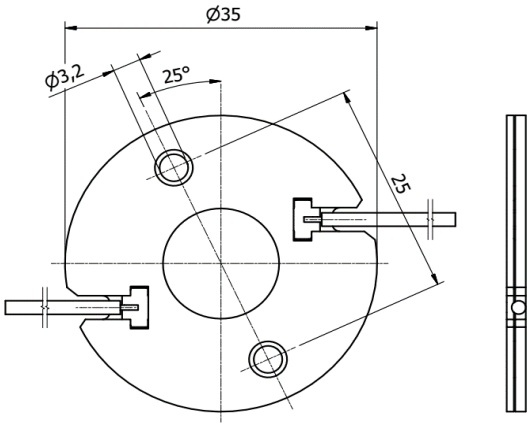
COB Hersteller COB Supplier	COB Typ COB Type	LES LES	Halter Holder	Linse Lense
LG	10W L-COB G1	9 mm	480 Typ K1	see Khatod website
LG	16W / 21W L-COB G1	13 mm	432 Typ K1	see Khatod website
LG	32W L-COB G1	15 mm	432 Typ K1	see Khatod website
LG	42W L-COB G1	19 mm	471 Typ K1	see Khatod website
LG	56W L-COB G1	23 mm	471 Typ K1	see Khatod website
LG	6W / 9W / 12W L-COB G2	10 mm	434 Typ K1	see Khatod website
LG	15W/18W/25W/30W L-COB G2	15 mm	433 Typ K1	see Khatod website
LG	34W / 37W / 55W L-COB G2	23 mm	471 Typ K1	see Khatod website
LG	12W F-COB G1	9 mm	434 Typ K1	see Khatod website
LG	25W / 30W F-COB G1	15 mm	433 Typ K1	see Khatod website
LG	40W / 83W F-COB G1	22 mm	431 Typ K1	see Khatod website

KHATOD® Optical Solutions for LED Lighting

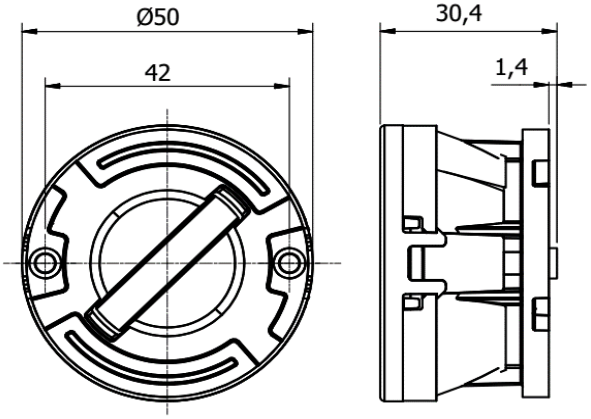
SIR50 Silicone Lense

Khatod Linse Khatod lense	SIR50
Hersteller Webseite Manufacturer website	www.khatod.com
LED Halter B+W LED Holder B+W	4xx / Typ K3

4xx Typ K3



SIR50



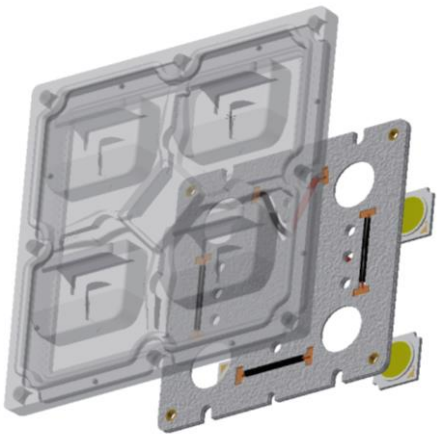
Mögliche Halter / COB Kombinationen / Holder / COB combinations **Khatod SIR50**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	7W L-COB G1	452 Typ K3	KEPLL1994…
LG	10W L-COB G1	480 Typ K3	KEPLL1994…
LG	6W / 9W / 12W L-COB G2	434 Typ K3	KEPLL1994…
LG	12W F-COB G1	434 Typ K3	KEPLL1994…

LEDiL®

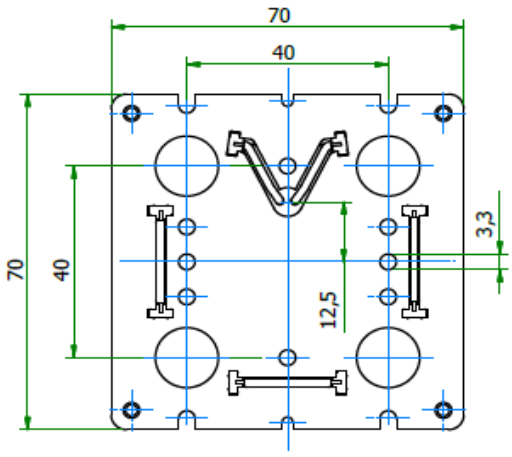
2x2MX System

LEDiL® and 2X2MX are registered trademarks of Ledil Oy in the European Union, the U.S.A and certain other countries.

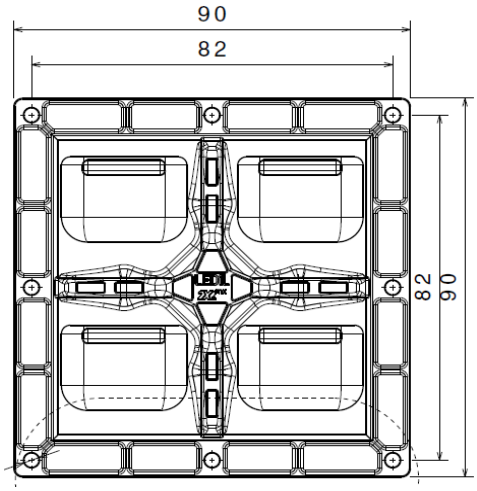


LEDiL Optik LEDiL optics	STRADA 2x2MX STRADA 2x2MXS
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ 2x2MX HV

Holder 4xx Type 2x2MX HV



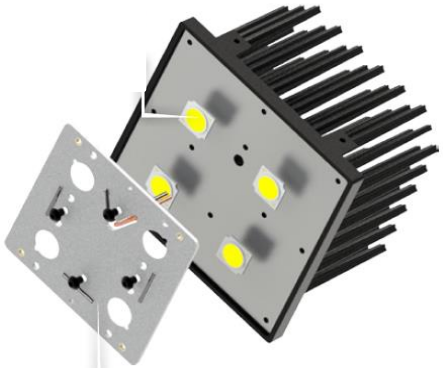
e.g. LEDiL Strada 2x2MXS DWC2



Passende Kühlkörper / Suitable heat sinks:

MechaTronix

CoolBlock SQ
CoolBeam SQ



MechaTronix Cooler MechaTronix Cooler	CoolBlock SQ-01
Hersteller Webseite Manufacturer website	www.led-heatsink.com

Die dargestellten Halterlösungen sind Mehrfachhalter, bei denen die COBs im Halter in Serie geschaltet werden. Daher muss bei Serienschaltungen von mehreren Modulen die gesamte Vorwärtsspannung betrachtet werden.
The described holder solution is a multiple COB holder where all COBs are prewired in a serial connection. Therefore the total forward voltage maybe critical if holders are connected in series.

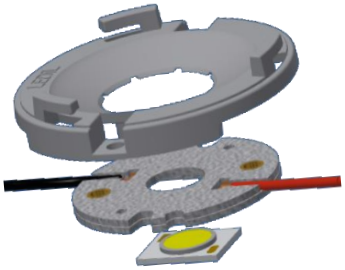
COB forward Voltage **36 V** (Standard)		COB forward Voltage **18 V** (special versions like Citizen CLU028 0604 or CREE 1512 available)	
holder rated voltage **150V DC**	holder rated voltage **450V DC** by using **insulating TIM**	holder rated voltage **150V DC**	holder rated voltage **450V DC** by using **insulating TIM**
single use only	up to **2 holders** in series	up to **2 holders** in series	up to **4 holders** in series

Die max. Ausgangsspannung des LED Treibers kann eine Veränderung der o.g. Anordnung zur Folge haben und muss daher überprüft werden.
The max output voltage may have an influence on the proposal above and need to be checked.

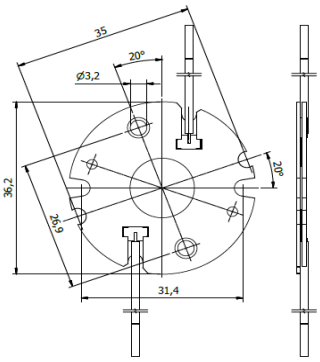
Mögliche Halter / COB Kombinationen / Holder / COB combinations 2x2MX System

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	**7W L-COB G1**	**452 Typ 2x2MX HV**	**see LEDiL website**
LG	**6W / 9W / 12W L-COB G2**	**434 Typ 2x2MX HV**	**see LEDiL website**
LG	**12W F-COB G1**	**434 Typ 2x2MX HV**	**see LEDiL website**

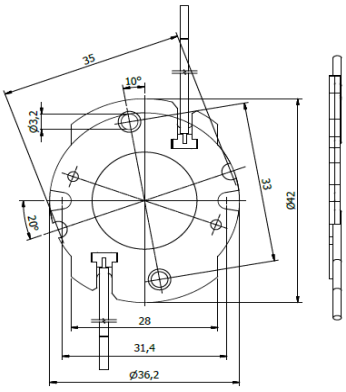
LEDiL®	**CLAMP System (3 Hook)**
Passende LEDiL Optik Suitable LEDiL optics	**ANGELA** **ANGELETTE** **ANGELINA** **MOLLY** **RONDA**
LEDiL Adapter LEDiL adaptor	C13658_CLAMP-VERO13-18 C13584_CLAMP-VERO29
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L1 4xx / Typ L2 4xx / Typ L3



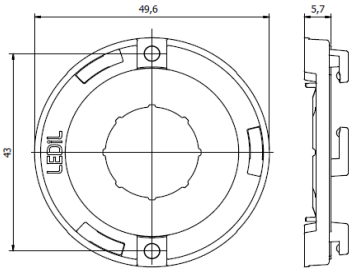
4xx Typ L1



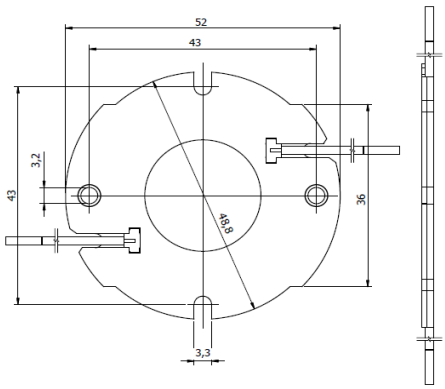
4xx Typ L2



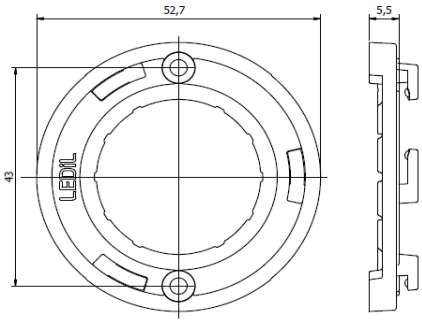
C13658_CLAMP-VERO13-18



4xx Typ L3



C13584_CLAMP-VERO29



Mögliche Halter / COB Kombinationen / Holder / COB combinations — LEDiL Clamp System

COB Hersteller COB Supplier	COB Typ COB Type	LES LES	Halter Holder	Adapter Base part
LG	10W L-COB G1	9 mm	480 Typ L1	C13658_CLAMP-VERO13-18
LG	16W / 21W L-COB G1	13 mm	432 Typ L2	C13658_CLAMP-VERO13-18
LG	32W L-COB G1	15 mm	432 Typ L2	C13658_CLAMP-VERO13-18
LG	42W L-COB G1	19 mm	471 Typ L3	C13584_CLAMP-VERO29
LG	56W L-COB G1	23 mm	471 Typ L3	C13584_CLAMP-VERO29
LG	6W / 9W / 12W L-COB G2	10 mm	434 Typ L1	C13658_CLAMP-VERO13-18
LG	15W/18W/25W/30W L-COB G2	15 mm	433 Typ L1	C13658_CLAMP-VERO13-18
LG	34W / 37W / 55W L-COB G2	23 mm	471 Typ L3	C13584_CLAMP-VERO29
LG	12W F-COB G1	9 mm	434 Typ L1	C13658_CLAMP-VERO13-18
LG	25W / 30W F-COB G1	15 mm	433 Typ L1	C13658_CLAMP-VERO13-18
LG	40W / 83W F-COB G1	22 mm	431 Typ L3	C13584_CLAMP-VERO29

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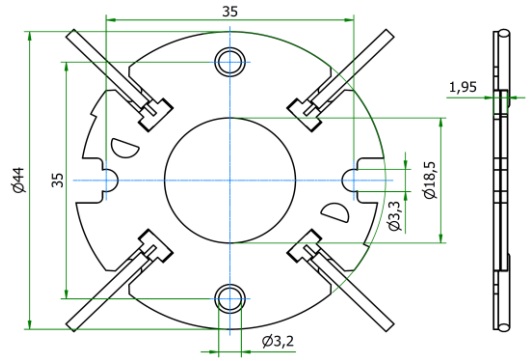
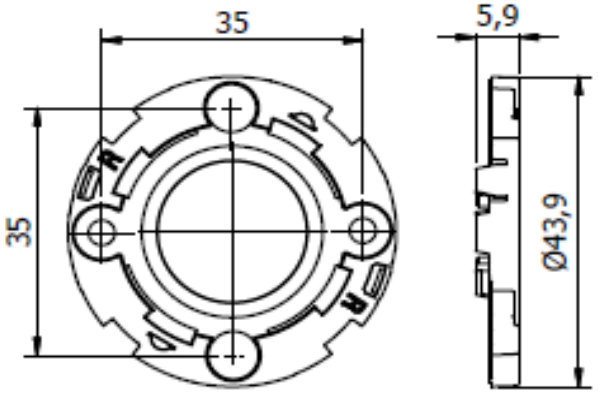
LEDiL®	**HEKLA System**
Passende LEDiL Optik Suitable LEDiL optics	**BARBARA-G2** **MIRELLA-G2** **BROOKE-G2** **CARMEN 50 / 70** **ZORYA, RONDA** **WINNIE, AMY 50** **YASEMEEN 50 / 70** **ILONA / ILONA-ZOOM**
LEDiL Adapter LEDiL adaptor	C16142_HEKLA-SOCKET-K
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L8

4xx Type L8
(eg. 489 Type L8 for Tunable COBs)



C16142 Hekla Socket K



e.g. solution with BROOKE-G2 reflector

Mögliche Halter / COB Kombinationen / Holder / COB combinations LEDiL Hekla System

COB Hersteller COB Supplier	COB Typ COB Type	LES LES	Halter Holder	Adapter Base part
LG	7W L-COB G1	7 mm	452 Typ L8	C16142_HEKLA-SOCKET-K
LG	10W L-COB G1	9 mm	480 Typ L8	C16142_HEKLA-SOCKET-K
LG	16W / 21W L-COB G1	13 mm	432 Typ L8	C16142_HEKLA-SOCKET-K
LG	32W L-COB G1	15 mm	432 Typ L8	C16142_HEKLA-SOCKET-K
LG	6W / 9W / 12W L-COB G2	10 mm	434 Typ L8	C16142_HEKLA-SOCKET-K
LG	15W/18W/25W/30W L-COB G2	15 mm	433 Typ L8	C16142_HEKLA-SOCKET-K
LG	12W F-COB G1	9 mm	434 Typ L8	C16142_HEKLA-SOCKET-K
LG	25W / 30W F-COB G1	15 mm	433 Typ L8	C16142_HEKLA-SOCKET-K

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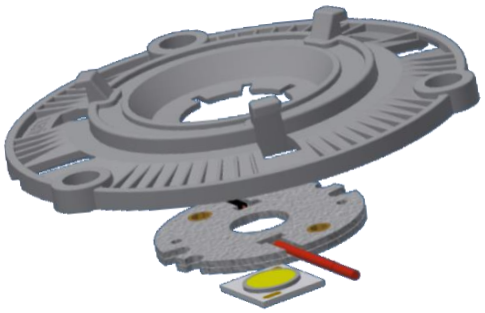
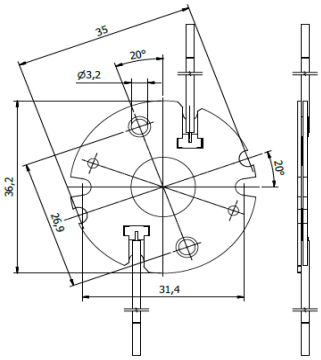
LEDiL®

LENA
LENINA

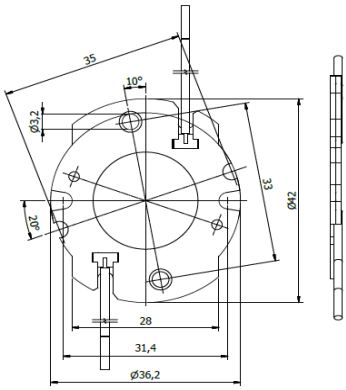


LEDiL Adapter LEDiL adaptor	C13868_LENA-STD-BASE-VERO13-18 C13867_LENA-STD-BASE-VERO29
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L1 4xx / Typ L2 4xx / Typ L3

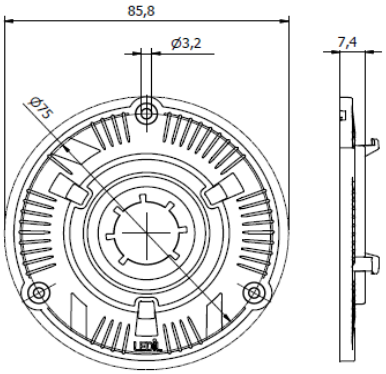
4xx Typ L1



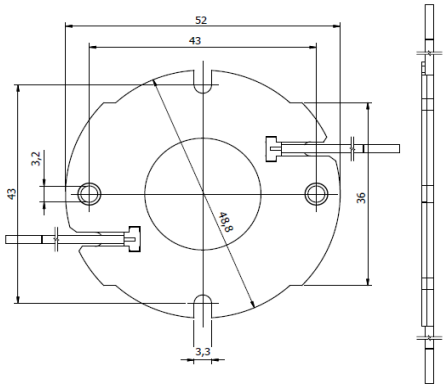
4xx Typ L2



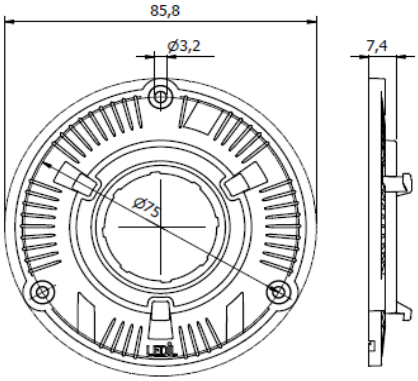
C13868_LENA-STD-BASE-VERO13-18



4xx Typ L3



C13867_LENA-STD-BASE-VERO29



Mögliche Halter / COB Kombinationen / Holder / COB combinations LEDiL Lena

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	16W / 21W L-COB G1	432 Typ L2	C13868_LENA-STD-BASE-VERO13-18
LG	32W L-COB G1	432 Typ L2	C13868_LENA-STD-BASE-VERO13-18
LG	42W L-COB G1	471 Typ L3	C13867_LENA-STD-BASE-VERO29
LG	56W L-COB G1	471 Typ L3	C13867_LENA-STD-BASE-VERO29
LG	6W / 9W / 12W L-COB G2	434 Typ L1	C13868_LENA-STD-BASE-VERO13-18

Mögliche Halter / COB Kombinationen / Holder / COB combinations LEDiL Lena

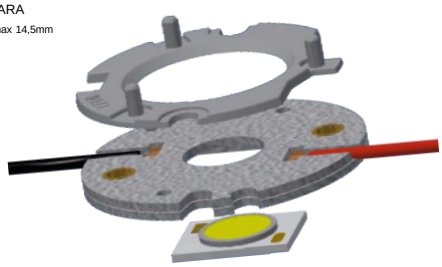
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Adapter Base part
LG	15W/18W/25W/30W L-COB G2	433 Typ L1	C13868_LENA-STD-BASE-VERO13-18
LG	34W / 37W / 55W L-COB G2	471 Typ L3	C13867_LENA-STD-BASE-VERO29
LG	25W / 30W F-COB G1	433 Typ L1	C13868_LENA-STD-BASE-VERO13-18
LG	40W / 83W F-COB G1	431 Typ L3	C13867_LENA-STD-BASE-VERO29

LEDiL®

PF-SOCKET SYSTEM

MIRELLA
LES: max 14,5mm

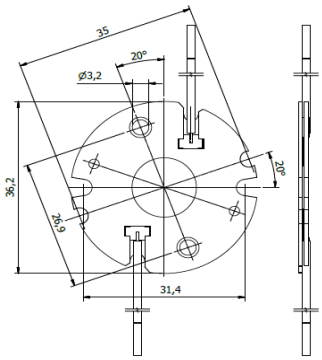
BARBARA
LES: max 14,5mm



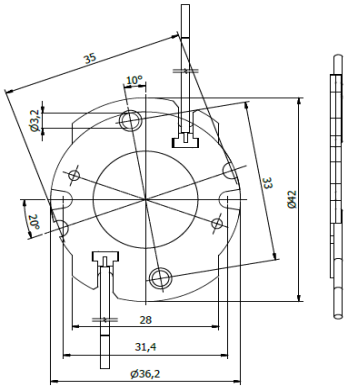
Passende LEDiL Optik **Suitable** LEDiL optics	**BARBARA** **MIRELLA**
LEDiL Adapter LEDiL adaptor	C13709_PF-SOCKET-VERO13-18
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L1 4xx / Typ L2

Für BARBARA-G2 und MIRELLA-G2 ist die passende Lösung unter LEDiL HEKLA aufgeführt
Take care that BARBARA-G2 and MIRELLA-G2 requieres a different solution available under LEDiL HEKLA

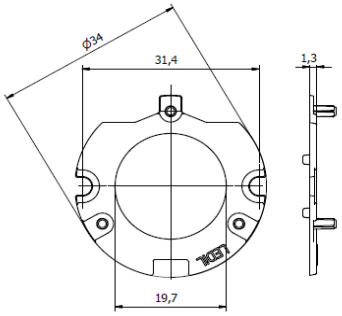
4xx Typ L1



4xx Typ L2



C13709_PF-SOCKET-VERO13-18

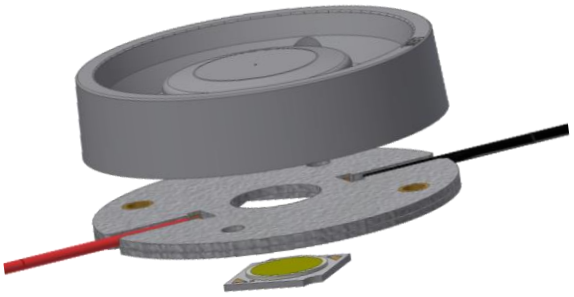


Mögliche Halter / COB Kombinationen / Holder / COB combinations LEDiL PF-Socket

COB Hersteller COB Supplier	COB Typ COB Type	LES LES	Halter Holder	Adapter Base part
LG	7W L-COB G1	7 mm	452 Typ L1	C13709_PF-SOCKET-VERO13-18
LG	10W L-COB G1	9 mm	480 Typ L1	C13709_PF-SOCKET-VERO13-18
LG	16W / 21W L-COB G1	13 mm	432 Typ L2	C13709_PF-SOCKET-VERO13-18
LG	32W L-COB G1	15 mm	432 Typ L2	C13709_PF-SOCKET-VERO13-18
LG	6W / 9W / 12W L-COB G2	10 mm	434 Typ L1	C13709_PF-SOCKET-VERO13-18
LG	15W/18W/25W/30W L-COB G2	15 mm	433 Typ L1	C13709_PF-SOCKET-VERO13-18
LG	12W F-COB G1	9 mm	434 Typ L1	C13709_PF-SOCKET-VERO13-18
LG	25W / 30W F-COB G1	15 mm	433 Typ L1	C13709_PF-SOCKET-VERO13-18

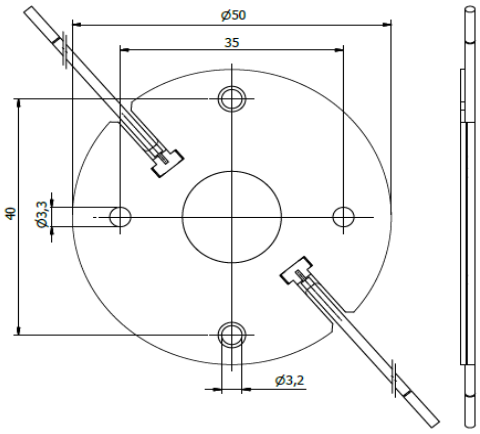
LEDiL®

SAGA

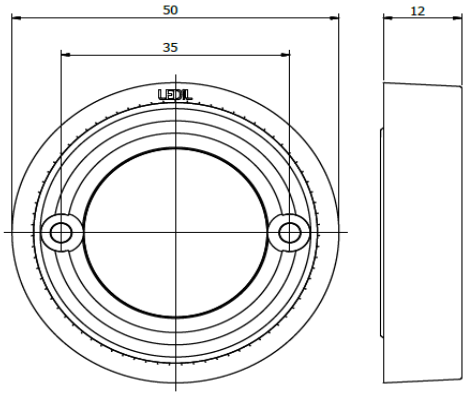


LEDiL Linse LEDiL lense	CN13990_SAGA-HB-IP-WHT FCA14933_SAGA-S-WHT
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L6

4xx Typ L6



CN13990_SAGA-HB-IP-WHT

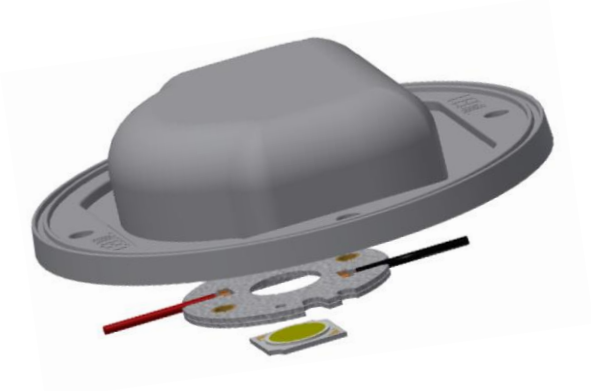


Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL Saga**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	7W L-COB G1	452 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	10W L-COB G1	480 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	16W / 21W L-COB G1	432 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	32W L-COB G1	432 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	6W / 9W / 12W L-COB G2	434 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	15W/18W/25W/30W L-COB G2	433 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	12W F-COB G1	434 Typ L6	CN13990_SAGA-HB-IP-WHT
LG	25W / 30W F-COB G1	433 Typ L6	CN13990_SAGA-HB-IP-WHT

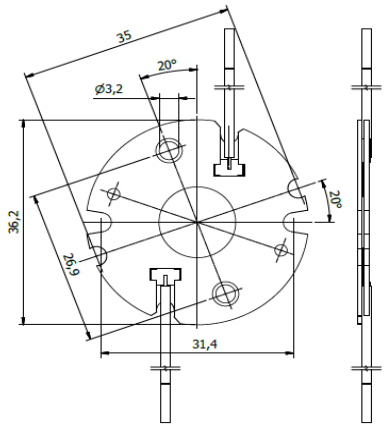
LEDiL®

STELLA
(Type L1)

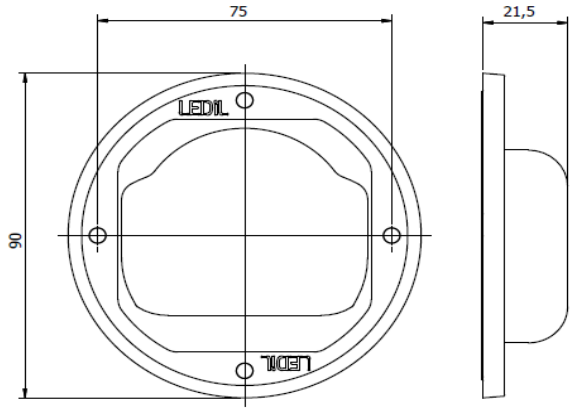


Passende LEDiL Optik Suitable LEDiL optics	**STELLA-A** LEDiL part numbers
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L1

4xx Typ L1



STELLA-A

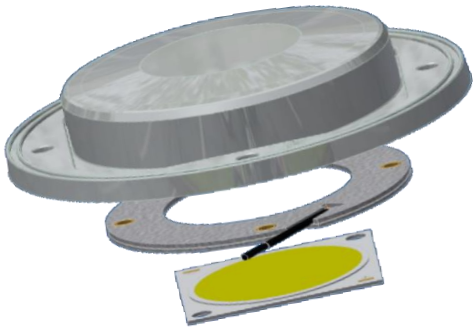


Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL Stella (L1)**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	10W L-COB G1	480 Typ L1	FN13323_STELLA-A
LG	6W / 9W / 12W L-COB G2	434 Typ L1	FN13323_STELLA-A
LG	15W/18W/25W/30W L-COB G2	433 Typ L1	FN13323_STELLA-A
LG	12W F-COB G1	434 Typ L1	FN13323_STELLA-A
LG	25W / 30W F-COB G1	433 Typ L1	FN13323_STELLA-A

LEDiL®

STELLA (Type L4)



Passende LEDiL Optik
Suitable LEDiL optics

STELLA-HB
STELLA-HB-WWW
STELLA-FRESNEL
STELLA-RS
STELLA-G2-VSM
LEDiL part numbers

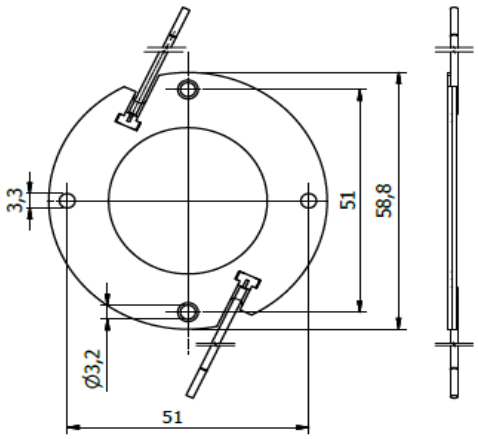
Hersteller Webseite
Manufacturer website

www.ledil.com

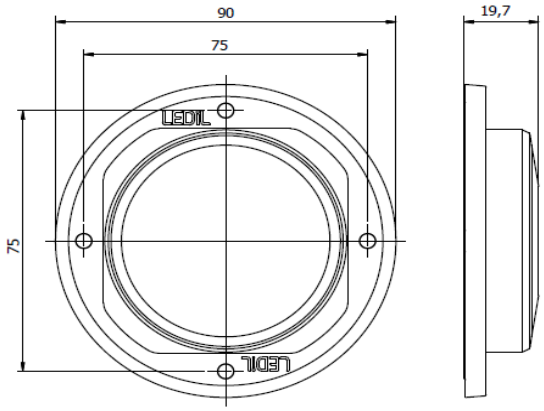
LED Halter B+W
LED Holder B+W

4xx / Typ L4

4xx / Typ L4



eg. STELLA-HB

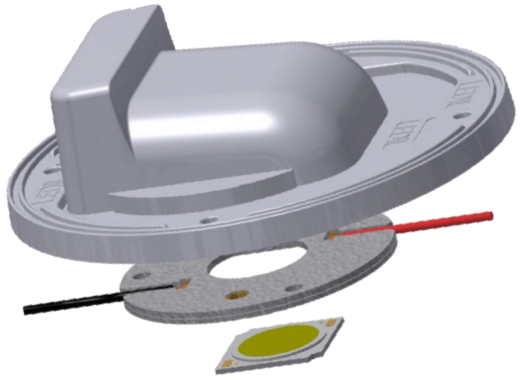


Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL STELLA (L4)**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	42W L-COB G1	471 Typ L4	see LEDiL website
LG	56W L-COB G1	471 Typ L4	see LEDiL website
LG	34W / 37W / 55W L-COB G2	471 Typ L4	see LEDiL website
LG	40W / 83W F-COB G1	431 Typ L4	see LEDiL website
LG	115W / 170W F-COB G1	458 Typ L4	see LEDiL website

LEDiL®

STELLA (Type Z1)



Passende LEDiL Optik
Suitable LEDiL optics

STELLA-T4
STELLA-VSM
STELLA-DWC2
STELLA-G2-T2
STELLA-G2-T3
STELLA-G2-T4
LEDiL part numbers

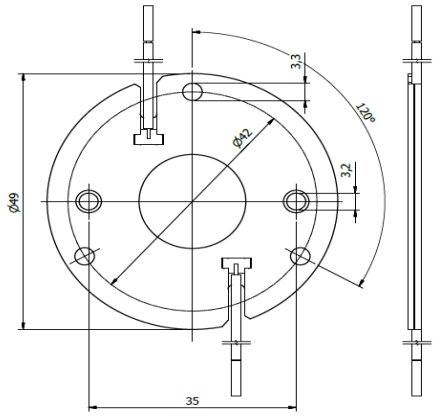
Hersteller Webseite
Manufacturer website

www.ledil.com

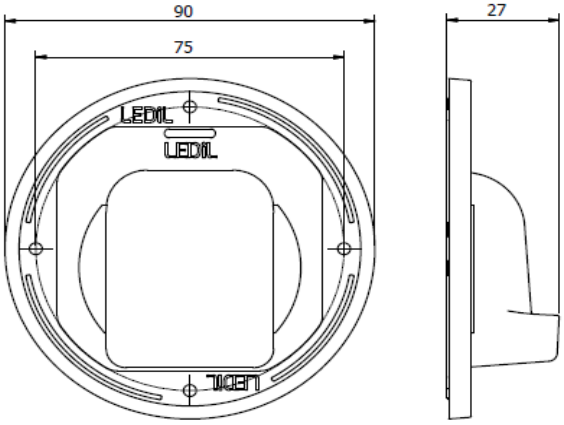
LED Halter B+W
LED Holder B+W

4xx / Typ Z1

4xx Typ Z1



eg. STELLA-DWC2



Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL STELLA (Z1)**

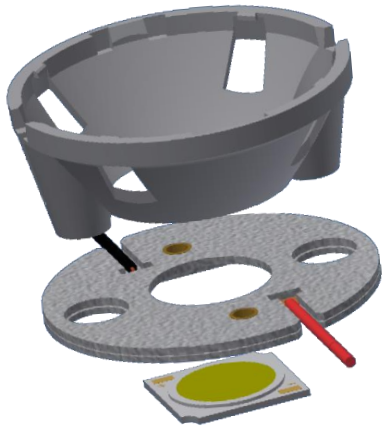
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	10W L-COB G1	480 Typ Z1	see LEDiL website
LG	16W / 21W L-COB G1	432 Typ Z1	see LEDiL website
LG	32W L-COB G1	432 Typ Z1	see LEDiL website
LG	42W L-COB G1	471 Typ Z1	see LEDiL website
LG	56W L-COB G1	471 Typ Z1	see LEDiL website
LG	6W / 9W / 12W L-COB G2	434 Typ Z1	see LEDiL website
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1	see LEDiL website
LG	34W / 37W / 55W L-COB G2	471 Typ Z1	see LEDiL website

Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL STELLA (Z1)**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	12W F-COB G1	434 Typ Z1	see LEDiL website
LG	25W / 30W F-COB G1	433 Typ Z1	see LEDiL website
LG	40W / 83W F-COB G1	431 Typ Z1	see LEDiL website

LEDiL®

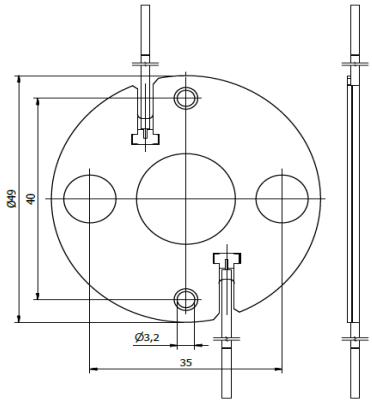
WINNIE



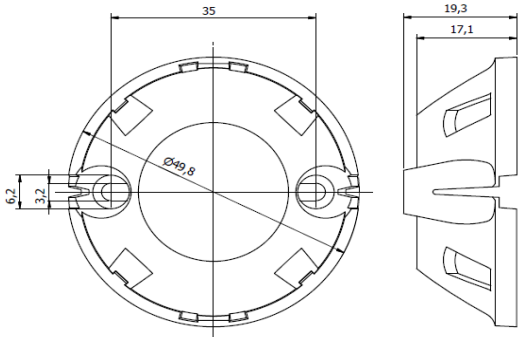
LEDiL Linse LEDiL lense	LEDiL part numbers
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L5

Für WINNIE-HLD_C ist die passende Lösung unter LEDiL HEKLA aufgeführt
Take care that WINNIE-HLD-C requieres a different solution available under LEDiL HEKLA

4xx / Typ L5



CN14xxx WINNIE-x

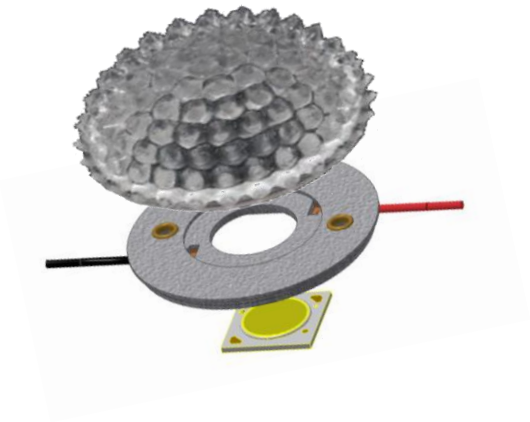


Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL WINNIE**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	7W L-COB G1	452 Typ L5	see part numbers above
LG	10W L-COB G1	480 Typ L5	see part numbers above
LG	16W / 21W L-COB G1	432 Typ L5	see part numbers above
LG	32W L-COB G1	432 Typ L5	see part numbers above
LG	6W / 9W / 12W L-COB G2	434 Typ L5	see part numbers above
LG	15W/18W/25W/30W L-COB G2	433 Typ L5	see part numbers above
LG	12W F-COB G1	434 Typ L5	see part numbers above
LG	25W / 30W F-COB G1	433 Typ L5	see part numbers above

LEDiL®

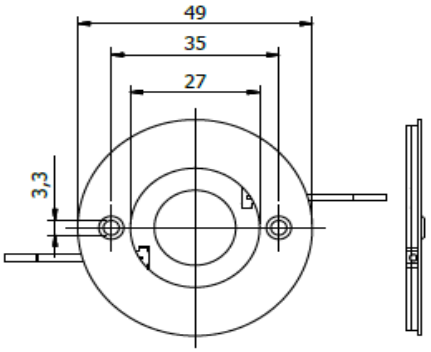
ZORYA



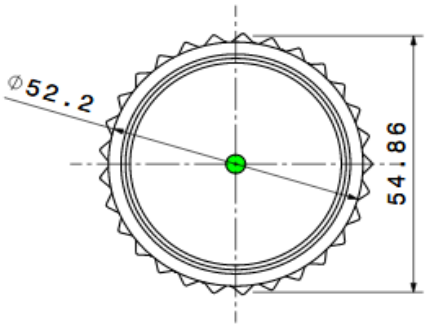
LEDiL Linse LEDiL lense	F15074_ZORYA-SC
Hersteller Webseite Manufacturer website	www.ledil.com
LED Halter B+W LED Holder B+W	4xx / Typ L7

Alternativ zur direkten Montage kann ZORYA auch mit dem Adapter HEKLA montiert werden.
In addition to the direct mounting Zorya can be assembled with the LEDiL HEKLA adaptor

4xx / Typ L7



F15074_ZORYA-SC



Bottom view

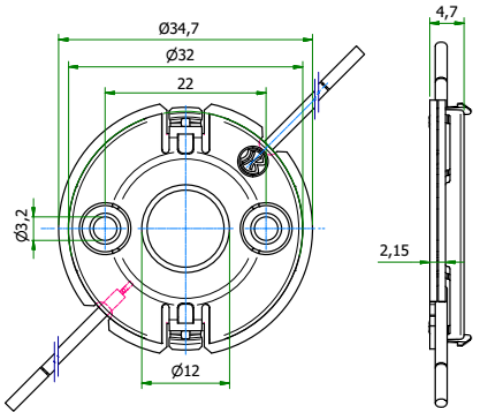
Mögliche Halter / COB Kombinationen / Holder / COB combinations **LEDiL ZORYA**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Linse Lense
LG	10W L-COB G1	480 Typ L7	F15074_ZORYA-SC
LG	16W / 21W L-COB G1	432 Typ L7	F15074_ZORYA-SC
LG	32W L-COB G1	432 Typ L7	F15074_ZORYA-SC
LG	42W L-COB G1	471 Typ L7	F15074_ZORYA-SC
LG	56W L-COB G1	471 Typ L7	F15074_ZORYA-SC
LG	6W / 9W / 12W L-COB G2	434 Typ L7	F15074_ZORYA-SC
LG	15W/18W/25W/30W L-COB G2	433 Typ L7	F15074_ZORYA-SC
LG	34W / 37W / 55W L-COB G2	471 Typ L7	F15074_ZORYA-SC
LG	12W F-COB G1	434 Typ L7	F15074_ZORYA-SC
LG	25W / 30W F-COB G1	433 Typ L7	F15074_ZORYA-SC
LG	40W / 83W F-COB G1	431 Typ L7	F15074_ZORYA-SC

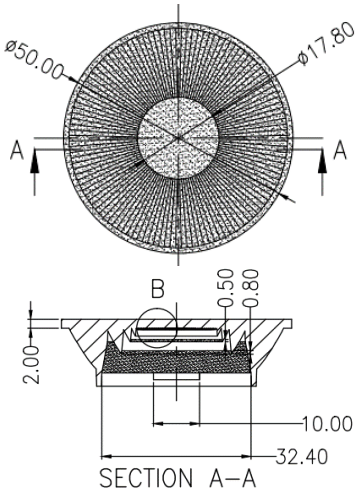
LED HALTER / OPTIK
LED HOLDER / OPTICS

LedLink Linking LEDs to The Real World	**CEW** **CHQ**	
Ledlink Optik Ledlink optics	LL01CR-CEWxxL02 LL01CR-CHQxxL02	
Hersteller Webseite Manufacturer website	www.ledlink-optics.com	
LED Halter B+W LED Holder B+W	4xx / Typ LL1	

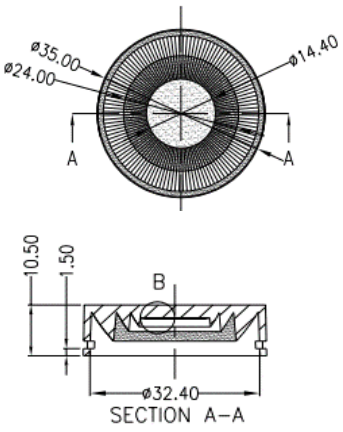
4xx Typ LL1



CEW series



CHQ series

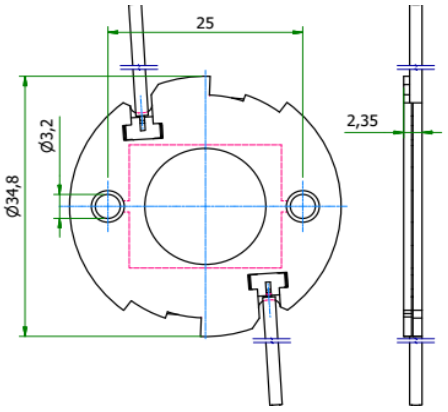


Mögliche Halter / COB Kombinationen / Holder / COB combinations **CEW / CHQ**

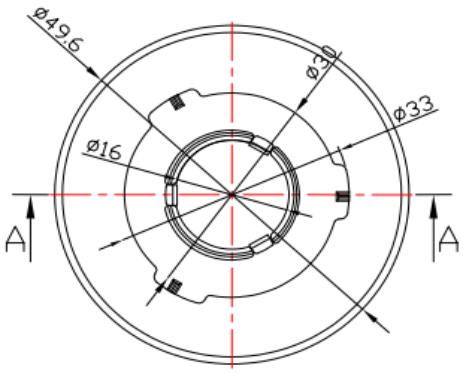
COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	B+W Adapter B+W Adaptor
LG	7W L-COB G1	452 Typ LL1	430/48993 Adaptor LL1
LG	6W / 9W / 12W L-COB G2	434 Typ LL1	430/48993 Adaptor LL1
LG	12W F-COB G1	434 Typ LL1	430/48993 Adaptor LL1

Nata Reflector • Lens	**Nata M30**
Nata Reflektor Nata reflector	1687-M 1709-M 1-0788-M
Hersteller Webseite Manufacturer website	www.nata.cn
LED Halter B+W LED Holder B+W	4xx / Typ N1

4xx Typ N1



1709-M

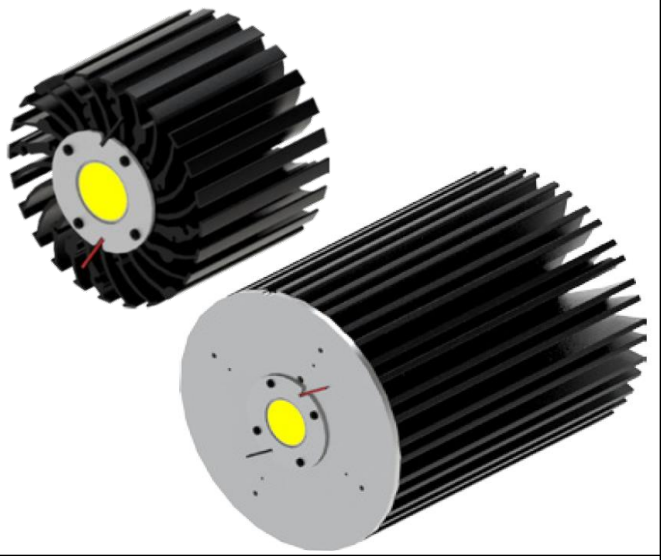


Mögliche Halter / COB Kombinationen / Holder / COB combinations **1709-M**

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	B+W Adapter B+W Adaptor
LG	7W L-COB G1	452 Typ N1	430/48720 Adaptor N1 M30
LG	10W L-COB G1	480 Typ N1	430/48720 Adaptor N1 M30
LG	6W / 9W / 12W L-COB G2	434 Typ N1	430/48720 Adaptor N1 M30
LG	12W F-COB G1	434 Typ N1	430/48720 Adaptor N1 M30

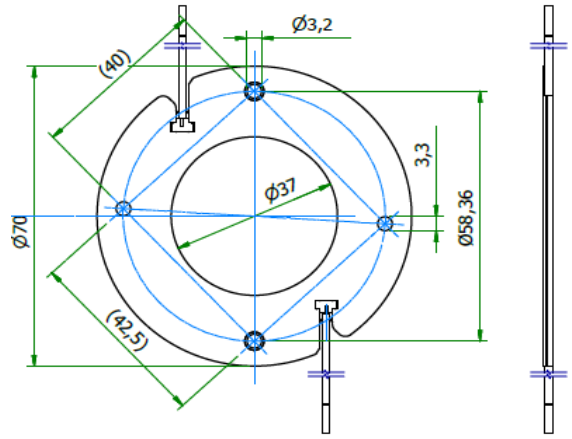
MechaTronix

ModuLed Mega
ModuLed Giga
CoolBay Giga-B
CoolBay Tera-B

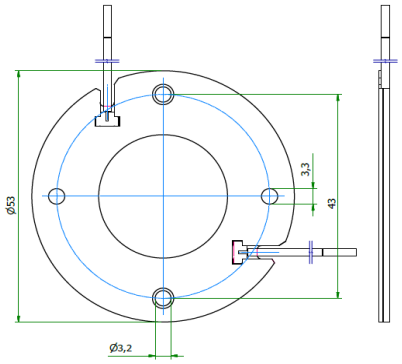


MechaTronix Kühlkörper Mechatronix heat sink	High Bay Coolers
Hersteller Webseite Manufacturer website	www.led-heatsink.com
LED Halter B+W LED Holder B+W	4xx / Typ M1 (HV) 4xx / Typ M2

4xx / Typ M1 (HV)



4xx / Typ M2



Mögliche Halter / COB Kombinationen / Holder / COB combinations

MechaTronix
High Bay Cooler

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder	Kühlkörper Heat sink
LG	42W L-COB G1	471 Typ M2	see MechaTronix website
LG	56W L-COB G1	471 Typ M2	see MechaTronix website
LG	34W / 37W / 55W L-COB G2	471 Typ M2	see MechaTronix website
LG	40W / 83W F-COB G1	431 Typ M2	see MechaTronix website
LG	115W / 170W F-COB G1	458 Typ M1	see MechaTronix website

Zhaga

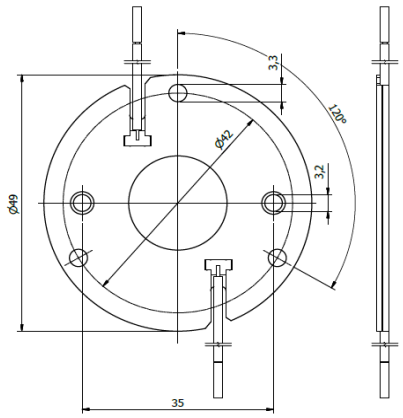
Buch 3 kompatibler Halter
Book 3 compatible holder

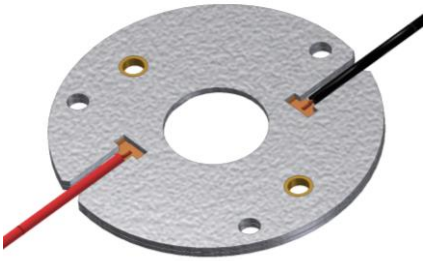
Zhaga Webseite Zhaga website	www.zhagastandard.org	**Zertifikate / certificates**
LED Halter B+W LED Holder B+W	4xx / Typ Z1	**Ausweis-Nr.** 40041342 **File** E47294

Unsere Halter 4xx Typ Z1 entsprechen mit dem Aussendurchmesser und den Befestigungspunkten den Vorgaben von Zhaga Buch 3, aber durch die extrem flache Bauweise können sie nicht zertifziert werden.

The shape and fixing points holders of our holders 4xx Type Z1 are compatible to Zhaga Book 3, but due to the thin design they cannot be certified.

4xx / Typ Z1





verfügbare Halter / available Holder

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder
LG	7W L-COB G1	452 Typ Z1
LG	10W L-COB G1	480 Typ Z1
LG	16W / 21W L-COB G1	432 Typ Z1
LG	32W L-COB G1	432 Typ Z1
LG	42W L-COB G1	471 Typ Z1
LG	56W L-COB G1	471 Typ Z1
LG	6W / 9W / 12W L-COB G2	434 Typ Z1
LG	15W/18W/25W/30W L-COB G2	433 Typ Z1
LG	34W / 37W / 55W L-COB G2	471 Typ Z1
LG	12W F-COB G1	434 Typ Z1
LG	25W / 30W F-COB G1	433 Typ Z1

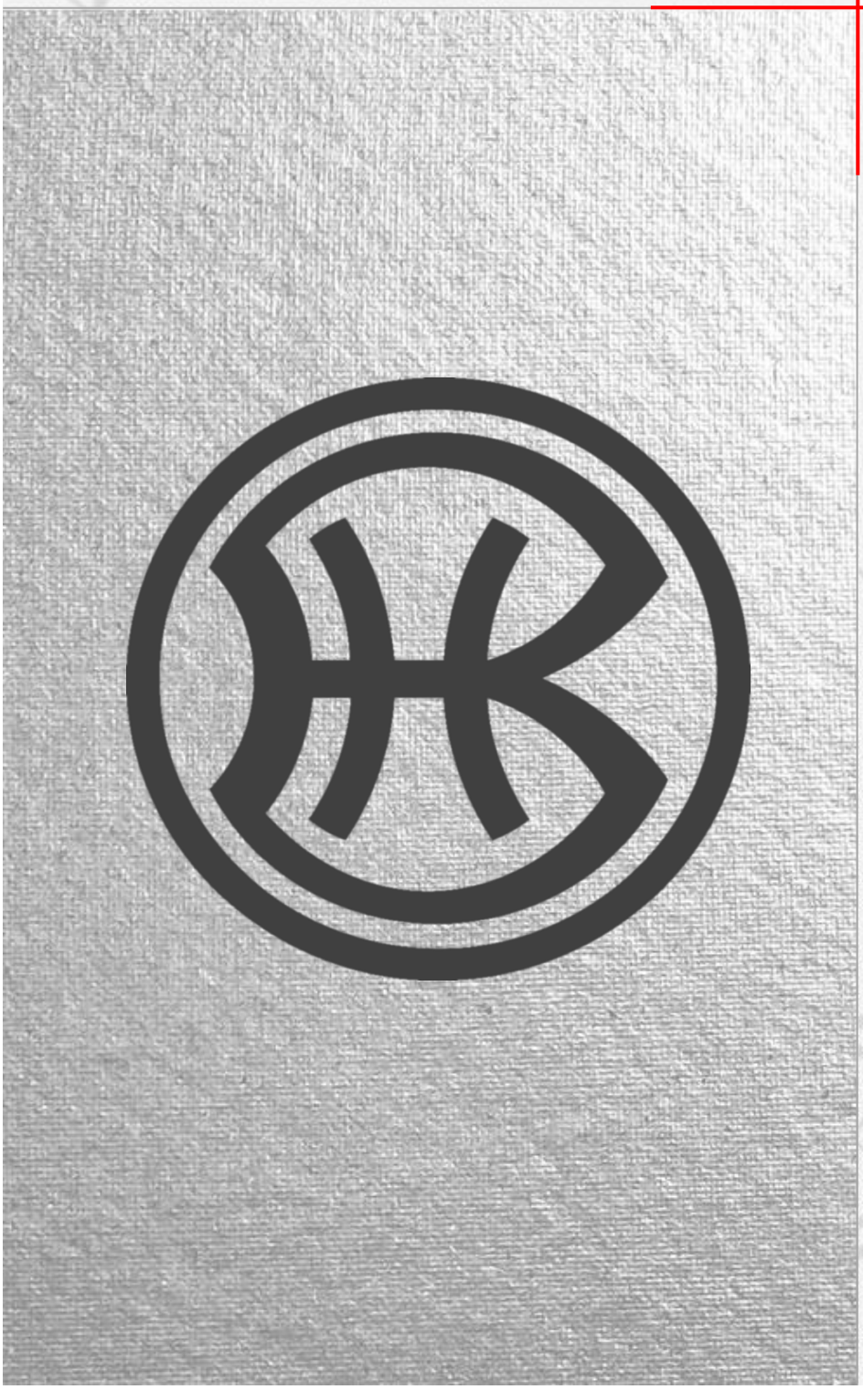
verfügbare Halter / available Holder

COB Hersteller COB Supplier	COB Typ COB Type	Halter Holder
LG	40W / 83W F-COB G1	431 Typ Z1

Wir helfen Ihnen gerne weiter.
Sprechen Sie uns einfach an!

Please don´t hesitate to contact us for any further questions.

BENDER +WIRTH



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