

- High-quality Samsung™ LEDs and very good color rendering of Ra>92 /CRI 92
- Fit into many common hole cutouts
- IP44 Protection class for damp rooms
- Dimmable via phase dimmer and no-flicker / flicker-free power supplies.
- On request also available with DALI power supply units (surcharge)
- 5 years manufacturer warranty
- Very pleasant warm white of 3000K or 4000K
- Long service life of 50,000 hours - glare-reduced UGR< 23 due to inwardly positioned luminous surface

product image



SELECTEER
ZELF EEN
DRIVER



item number	ILCLED3K	ILCLED4K	ILCLED6K	ILCLED8K	ILCLED10K
special features	<ul style="list-style-type: none"> • Colour rendering Ra92 • Dimmable • Samsung™ LEDs • IP44 Protection class • Also available as DALI version 	<ul style="list-style-type: none"> • Colour rendering Ra92 • Dimmable • Samsung™ LEDs • IP44 Protection class • Also available as DALI version 	<ul style="list-style-type: none"> • Colour rendering Ra92 • Dimmable • Samsung™ LEDs • IP44 Protection class • Also available as DALI version 	<ul style="list-style-type: none"> • Colour rendering Ra92 • Dimmable • Samsung™ LEDs • IP44 Protection class • Also available as DALI version 	<ul style="list-style-type: none"> • Colour rendering Ra92 • Dimmable • Samsung™ LEDs • IP44 Protection class

www.cologne-led.de

Solutions for commercial energy efficiencyTel.

Address: Neusser Strasse 422c / 50733 Cologne

Contact: Mr. Oliver Rothweiler

: +49-177-6027983

Fixed: 0221- 29821660

E-Mail:cologne-led.de/contact.php

LED recessed lights dimmable Ra90 / CRI90 Samsung™ LEDs IP44 5 years guarantee

					<ul style="list-style-type: none"> Also available as DALI version
housing colour	White	White	White	White	White
power	8 Watt	11 Watt	15 Watt	20 Watt	20 / 40Watt
light colour	3000K Warm white 4000K Neutral white	3000K Warm white 4000K Neutral white	3000K Warm white 4000K Neutral white	3000K Warm white 4000K Neutral white	3000K (830) 4000K (840)
Luminous flux Lumen	700 Lumen (3000K) 700 Lumen (4000K)	1000 Lumen (3000K) 1000 Lumen (4000K)	1500 Lumen (3000K) 1500 Lumen (4000K)	2000 Lumen (3000K) 2000 Lumen (4000K)	4000 Lumen 40W2000 Lumen 20W
beam angle	110°	110°	110°	110°	110°
Colour rendering RA /CRI	CRI = 92	CRI = 92	RA= 92	RA = 92	RA = 92
Dimmable	Yes: Dimmable via phase dimming	Yes: Dimmable via phase dimming	Yes: Dimmable via phase dimming	Yes: Dimmable via phase dimming	Yes: Dimmable via phase dimming
Specified service life	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
manufacturer's warranty	5 years	5 years	5 years	5 years	5 years
power factor	Cos-phi: 0.9	Cos-phi: 0.9	Cos-phi: 0.9	Cos-phi: 0.9	Cos-phi: 0.9
LED Manufacturer	Samsung™ LEDs	Samsung™ LEDs	Samsung™ LEDs	Samsung™ LEDs	Samsung™ LEDs
energy efficiency class	A+	A+	A+	A+	A+
Dimensions (mm)	Outer diameter: 110 mm Ceiling cut-out: 90 mm Installation height: 40mm	Outer diameter:130 mm Hole cutout: 110 mm Installation height: 40mm	Outer diameter: 180mm Hole cut: 160mm Installation height: 50mm	Outer diameter:245mm Hole size: 225mm Installation height: 50mm	Outside. 300 mm hole size: 250-290 mm Installation height: 50mm
Power consumption 1000 hours	8 kWh	11 kWh	15kWh	20kWh	20kWh-40 kWh
degree of protection	IP44	IP44	IP44	IP44	IP44

LED recessed lights dimmable Ra90 / CRI90 Samsung™ LEDs IP44 5 years guarantee

housing material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
power supply	220-250V 50/60Hz	220-250V 50/60Hz	220-250V 50/60Hz	220-250V 50/60Hz	220-250V 50/60Hz
operating temperature	-10~45°C	-10~45°C	-10~45°C	-10~45°C	-10~45°C
Reduced glare	UGR<23	UGR<23	UGR<23	UGR<23	UGR<23