

- High-quality Samsung™ LEDs and very good colour rendering of Ra>92 /CRI 92 for DALI Bus
- Dimmable via DALI 2 power supplies / 1-10V or PUSH DIMM (no-flicker / flicker-free power supplies)
- LED recessed luminaires DALI fit into many standard hole cut-outs
- IP44 Protection class for damp rooms
- Very pleasant warm white of 3000K (930) or 4000K neutral white (940)
- Long service life of 50,000 hours according to L90| B10 and 5-year manufacturer's warranty
- Reduced glare UGR< 23 due to inwardly positioned luminous surface
- power supply is ENEC and TÜV certified

product image



item number	CLED3DA	CLED4DA	CLED6DA	CLED8DA	CLED10DA
special features	<ul style="list-style-type: none"> ✓ Colour rendering RA92 / CRI92 ✓ DALI Dimmable - Can be used in the DALI Bus ✓ High-quality Samsung™ LEDs ✓ 930 Warm white 3000K or 940 Neutral white 4000K ✓ IP44 Protection class for humid environments ✓ Dimmable via DALI or 1-10V or alternatively PUSH dimming ✓ Very low flicker content <3% <ul style="list-style-type: none"> • 5 years manufacturer warranty 				

cologne-led.de

Solutions for commercial energy efficiencyTel.

Address: Neusser Strasse 422c / 50733 Cologne

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LED recessed lights DALI 2 dimmable CRI92 / RA92 Samsung™ LEDs 5 years guarantee

housing colour	White RAL 9016				
power	8 Watt	11 Watt	15 Watt	20 Watt	40 / 20Watt
light colour	3000K Warm white Neutral white	3000K Warm white Neutral white	3000K Warm white Neutral white	3000K Warm white 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	CRI92				
Dimmable	DALI dimming				
Specified service life	50,000 hours				
manufacturer's warranty	5 years				
power factor	Cos-phi: 0.9				
LED Manufacturer	Samsung™ LEDs				
energy efficiency class	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				
housing material	Aluminium				
power supply	220-250V 50/60Hz				
operating temperature	-10~45°C				

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LED recessed lights DALI 2 dimmable CRI92 / RA92 Samsung™ LEDs 5 years guarantee

Reduced glare	UGR<23	UGR<23	UGR<23	UGR<23	UGR<23
Options for the	Power supply for phase control dimming or phase control dimming				

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