

Datasheet

LED Ceiling Light RGBW Tree White

Part No: 100377



Technical data

Power supply	22 ... 25VDC
Power consumption	Standby: <150mW Red: 8W Green: 6.4W Blue: 4W Warm White: 19.7W max. 20.5W
Dimming range	0 ... 100%
Ambient temperature	-40 ... 55°C / -40 ... 131°F
Interface	Loxone Tree: connection with Miniserver / Tree Extension
Humidity	max. 95% r.H. (non condensing)
PWM frequency	200Hz
Energy efficiency	A+
Motion detection	passive infrared sensor
Motion detection range	8m / 26.25ft (at height of 3m / 9.84ft)
Measuring range of brightness sensor	0.045 ... 188000lx
Detection angle vertical	110°
Detection angle horizontal	360°

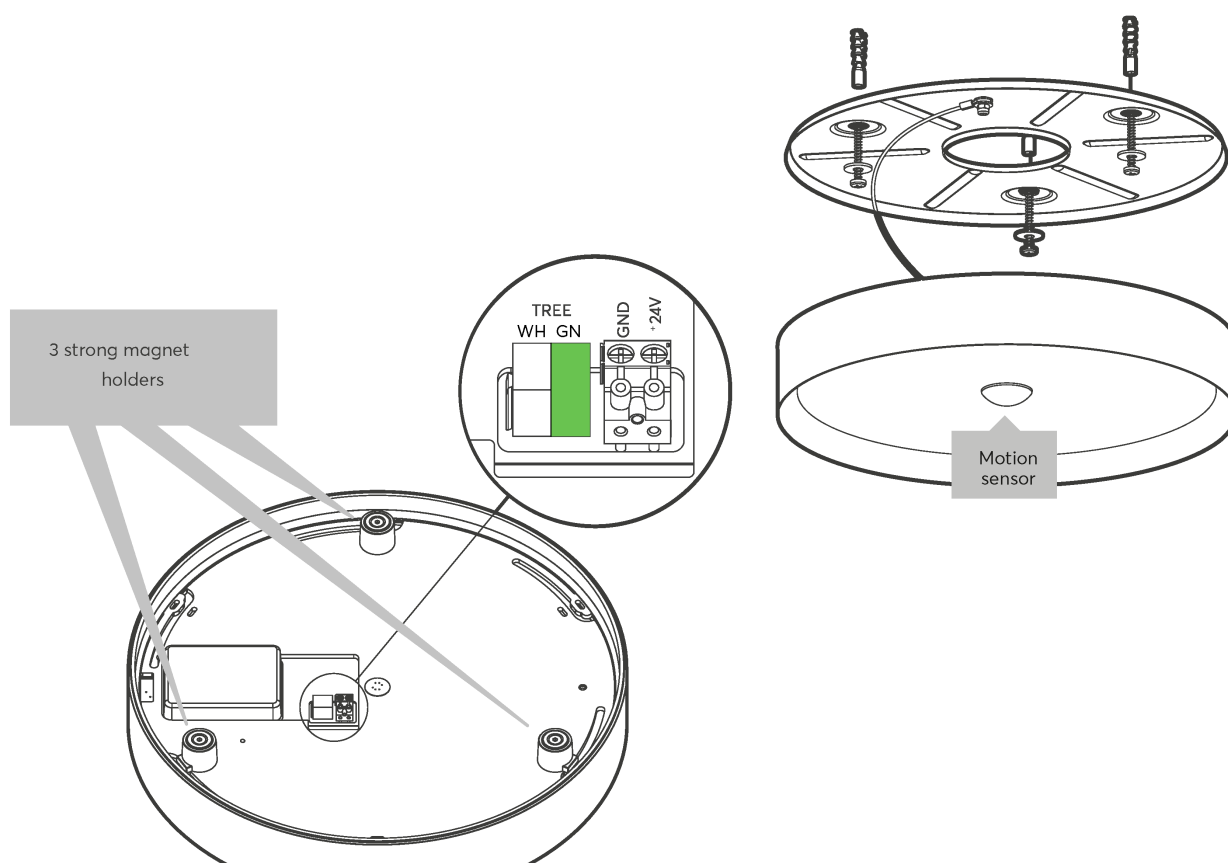
Colour temperature	typ. 3000k (warm white)
Luminous flux	typ. 1350lm (warm white)
Colour rendering index (CRI)	min. 90, (R9 min. 50)
Beam angle	120°
Unified glare rating (UGR)	<19

Connections

Wire cross-section	0.25 ... 0.8mm ² /AWG23 ... 18	0.75 ... 2.5mm ² / AWG18 ... 13
Stripping length	5mm / 0.2"	5mm / 0.2"
Torque of terminal blocks	-	0.35 ... 0.4Nm / 0.26 ... 0.3 lbf ft
Temperature resistance	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F for IEC,min. 75°C / 167°F for UL

Green / White	Loxone Tree	-
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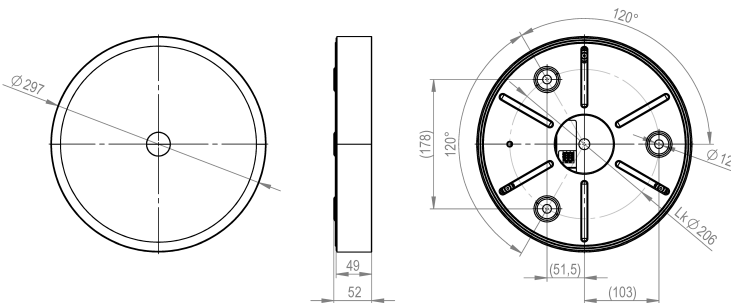
Connection diagram



Product features

Colours	Anthracite: RAL 7016 - Part No. 100378 White: RAL 9003 - Part No. 100377
Material	Alu and Plastic
Finish	Matte

Weight & dimensions

Net weight	2600g
Total weight	2800g
Product Dimensions	D: 298mm / 11.73"H: 50mm / 2"
	
Pack size	355x355x55mm / 13.98x13.98x2.17" (LxWxH)

Certifications & Standards

Safety ratings	IP20
Certifications	UL 1598 CSA C22.2 Fire Rated UL263 & BS 476-20 60 mins IC Rated California Title 24 JA8-2016 compliant  Intertek

DRY LOCATIONS ONLY
POUR EMPLACEMENTS SECS SEULEMENT
CLASS 2 INPUT ONLY
ENTRÉE DE CLASSE 2 UNIQUEMENT

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

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LED Ceiling Light RGBW Tree White

Artikel Nr.: 100377



Über das Produkt

With its built-in motion and brightness sensors, the full-color LED Ceiling Light is a powerful all-around lighting solution with even more functionality working with audio and alarm system.

- Integrated motion sensor
- Integrated brightness sensor
- High lumen output
- Integrated tunable white light
- Evenly diffused light
- Smooth, gentle dimming curve
- Available in white or anthracite finish
- ETL Listed

Technische Daten

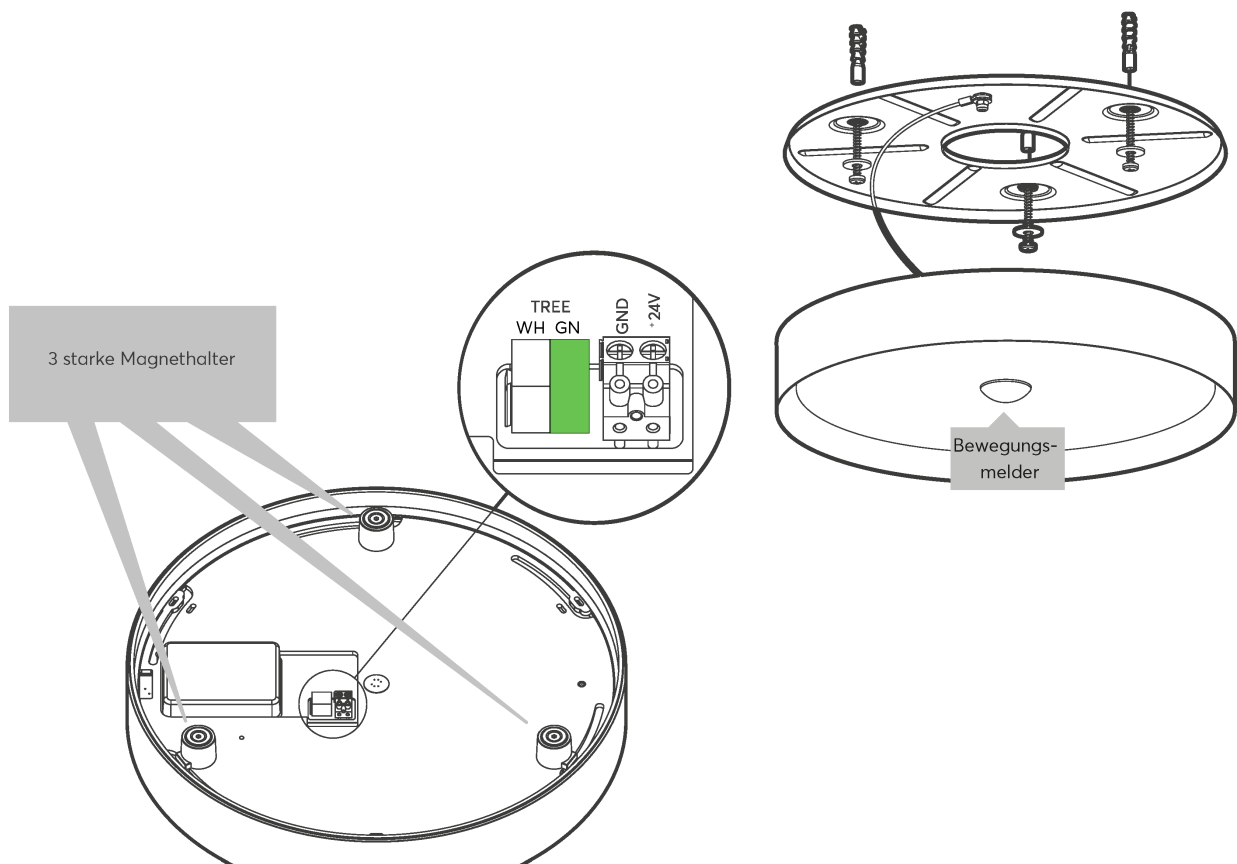
Spannungsversorgung	22 ... 25VDC
Leistungsaufnahme	Standby: <150mW Rot: 8W Grün: 6,4W Blau: 4W Warmweiß: 19,7W max. 20,5W
Dimmbereich	0 ... 100%
Umgebungstemperatur	-40 ... 55°C / -40 ... 131°F
Schnittstelle	Loxone Tree: Verbindung mit Miniserver / Tree Extension
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)
PWM Frequenz	200Hz
Energieeffizienz	A+
Bewegungserkennung	passiver Infrarotsensor
Reichweite der Bewegungserkennung	8m / 26.25ft (in 3m / 9.84ft Höhe)
Messbereich Helligkeitssensor	0,045 ... 188.000lx
Erfassungswinkel vertikal	110°
Erfassungswinkel horizontal	360°
Farbtemperatur	typ. 3000k (warmweiß)
Lichtstrom	typ. 1350 (warmweiß)
Farbwiedergabeindex (CRI)	min. 90, (R9 min. 50)
Strahlwinkel	120°
Einheitliche Blendungsbewertung (UGR)	<19

Anschlüsse

	Loxone Tree	Spannungsversorgung
Leiterquerschnitt	0,25 ... 0,8mm ² /AWG23 ... 18	0,75 ... 2,5mm ² / AWG18 ... 13
Abisolierlänge	5mm / 0,2"	5mm / 0,2"
Drehmoment der Klemmen	-	0,35 ... 0,4Nm / 0,26 ... 0,3 lbf ft
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F for IEC,min. 75°C / 167°F for UL

Grün / Weiß	Loxone Tree	-
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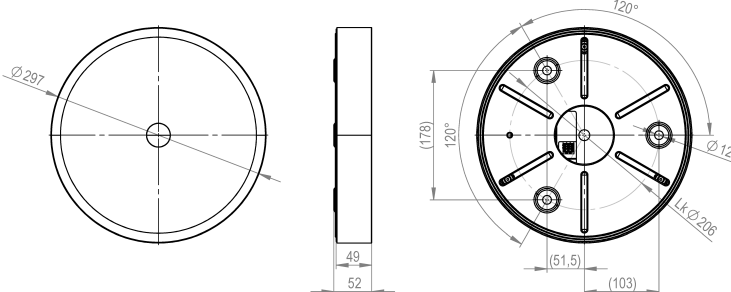
Anschlussplan



Produkteigenschaften

Farben	Anthrazit: RAL 7016 - Art. Nr. 100378 Weiß: RAL 9003 - Art. Nr. 100377
Material	Alu und Kunststoff
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	2600g
Bruttogewicht	2800g
Produktmaße	D: 298mm / 11,73"H: 50mm / 2"
	
Packmaß	355x355x55mm / 13,98x13,98x2,17" (LxBxH)

Zertifizierungen & Standards

Schutzart	IP20
Zertifizierungen	UL 1598 CSA C22.2 Brandschutzklasse UL263 & BS 476-20 60 Min. IC Bewertung Kalifornien Titel 24 JA8-2016 konform 

NUR TROCKENE STANDORTE
NUR KLASSE 2 EINGANG

Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

Veröffentlicht von
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