






AGRILED® pro 32

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Technische specificaties	Technical specifications	Spécification technique	Technische Spezifikationen
NL	ENG	FR	DE

Date : 2-2-2015
version : 01

 <p>EN 60598-2-1</p>  <p>(Pending)</p>  	
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NL	ENG	FR	DE	
Spanning	Main voltage	Tension	Spannung	120 - 277 V(AC)
Frequentie	Frequency	Fréquence	Frequenz	50 / 60 Hz
Stroom	Current	Courant	Strom	1,3A (Led White) / 0,05A (Led Red) @230V
Lamp	Lamp	Lampe	Lampe	CREE® LED Neutral White
Inschakelpiek	Inrush current	Pic de courant	Einschalt strom	180A (50% @ 200 microsec.) Based on IEC60555
Vermogen	Power	Puissance	Leistung	279W +/- 5% (Led White) / 11W (Led Red)
Arbeidsfactor	Power factor	Facteur de puissance	Wirkungsgrad	0,96
Efficiëntie	Efficiency	Efficacité	Effizienz	131 Lm/W (brutt)
Kleurtemperatuur	color temperature	Température de couleur	Farbtemperatur	4250K (+/- 5%)
Kleurweergave	Color rendering index	rendu des couleurs	Farbwiedergabe	CRI 75
Dimbaar	Dimming function	Gradable	Dimmbar	ja / yes / oui / Ja (100% ~ +/- 10%)
Dimsignaal	Dimming signal	électronique variable	Dimmsignal	DALI
IP beschermingsgraad	IP class	Protection	Schützungsgrad	IP 65
Temperatuur bereik	Temperature	Température	Temperatur	- 30°C ~ + 30°C (Ta)
Afmeting artikel	Size article	Taille article	Abmessung Artikel	L x B/W x H = 1033 x 326 x 133 mm
Afmeting verpakking	Packing dimensions	Dimensions de l'emballage	Packmaß	L x B/W x H = 1085 x 345 x 150 mm
Gewicht artikel	Weight article	Article poids	Gewicht artikel	15,0 kg
Gewicht incl. verpakking	Weight including packaging	Poids avec emballage	Gewicht mit verpackung	16,9 kg
Kabeldiameter voeding	Cable diameter power supply	Diamètre du câble tension	Kabeldurchmesser spannung	7-13mm (Included 2 mtr cable 4G1,5mm²)
Kabeldiameter Dali	Cable diameter Dali	Diamètre du câble Dali	Kabeldurchmesser Dali	3,5-7mm (advised 2x1,5mm², not included)
Striplengte aansluiting	Stripping lenght connection	Longueur dénudage Raccordement	Abisolierlänge Anschluss	7 mm
Aandraaimoment	Torque	Force de serrage	Drehmoment	1,5Nm
Levensduur (branduren armatuur)	Lifetime (burning hours fixture)	Durée de vie (durée de vie luminaire)	Lebensdauer (Betriebsstunden der Armatur)	> 60.000 (L70)
NH3 (Ammonia) Bestendig	NH3 (Ammonia) Resistance	NH3 (Ammoniac) Résistant	NH3 (Ammoniak) beständig	> 20 ppm
Garantie (jaar)*	Warranty (year)*	Garantie (année)*	Garantie (Jahr)*	5
* zie garantie voorwaarden	* see warranty conditions	* Voir conditions de garantie	* Siehe Garantiebedingungen	

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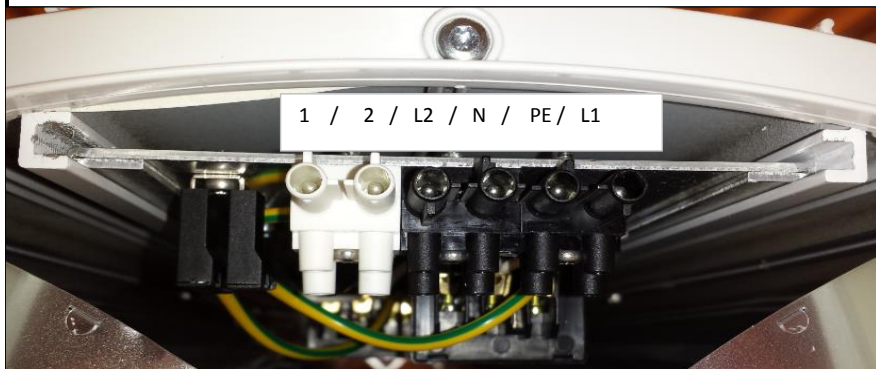
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Algemene opmerkingen	General comments	observations générales	Allgemeine Bemerkungen
<p>Wij behouden ons recht om wijzigen in tekst, tekeningen en schema's zonder voorafgaande kennisgeving door te voeren.</p> <p>Indien onderstaande instructies, veiligheidsvoorschriften en waarschuwingen niet worden opgevolgd, kan dit leiden tot zwaar of dodelijk persoonlijk letsel en tot schade aan de installatie</p>  	<p>We reserve the right to make changes to text, drawings and shemes without prior notice.</p> <p>Any failure to comply with the following instructions, safety instructions and warnings, may result in serious or lethal personal injury and to material damage to the installation</p>  	<p>Se réserve le droit de modifier le texte, les schémas, les graphiques et autres sans avis préalable</p> <p>Si les consignes de sécurité, les avertissements et les instructions ne sont pas respectées, cela peut susciter des accidents graves voire mortels et endommager l'installation.</p>  	<p>Wir behalten uns das Recht vor, ohne vorherige Ankündigung Änderungen an Text, Zeichnungen und Grafiken u. A. vorzunehmen</p> <p>Wenn die unten stehenden Anweisungen, Sicherheitsanweisungen und warnungen nicht eingehalten werden, kann dies zu schweren Verletzungen, sogar mit Todesfolge, führen und zu Schäden an der Anlage</p>  

Installatie tekening	Installation Schedule	Calendrier d'installation	Installation Zeitplan
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Wiring conections: (Pictures taken with cooling ribs on top!)



1 = Dali connection * (white connector)
2 = Dali connection * (white connector)

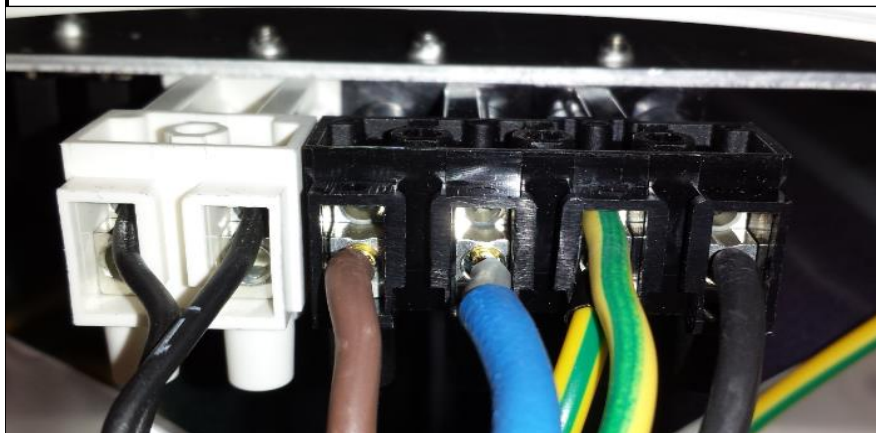
L2 = Brown wire (mains Led White)

N = Grey/blue wire, Neutral for Led White and Led Red

PE = Yellow/Green wire , earth connection fixture

L1 = Black wire (mains Led Red)

* Only needed in combination with



2 pins white Dali contra connector is included in fixture.

4 pins black connector is included in fixture with 2 meter attached cable 4G1,5mm²

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Mounting brackets:

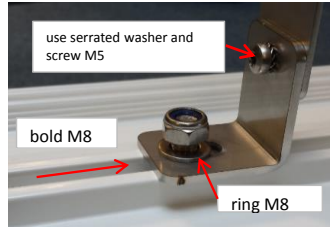
There are 2 options for mounting the AGRILED® pro 32 fixtures:

1. mounting brackets

Mounting set art.no. TAM-SUB086



situation bracket on fixture (2x needed)



bracket to ceiling (excl. Screws to roof)



bracket 360mm or bracket 1010mm



Connecting multiple brackets max. 2 mtr in length.



2 holes always mounted downwards!

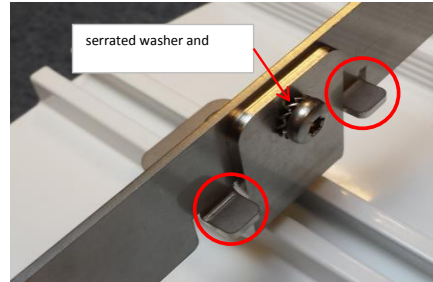
2. Chain bracket

If distance between ceiling and fixture is more than 2 meter, than you can use our chain brackets.
The chain bracket set art.no. TAM-SUB087 is delivered exclusive S-hooks and chains!

Chain bracket set TAM-SUB087



place 90 degrees bracket between the 2 noks (2x per fixture)



Use M8 bold, ring and nut to mount 90 degrees bracket

General needed:

Wrench 13mm for M8 nut
screwdriver torq 20 for screws M5x10 and screws endcap M4x10

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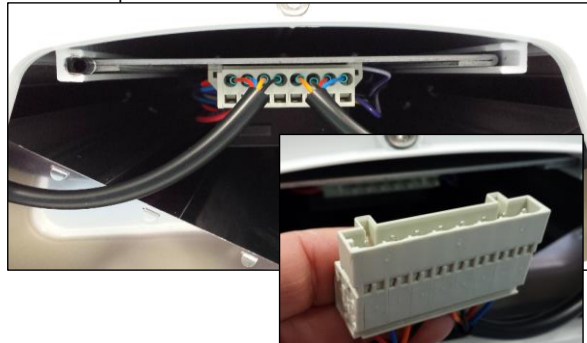
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Maintenance (only in case of failure)

1. Remove endcap with Agrilight logo (4x screw M4x10 with torq 20)



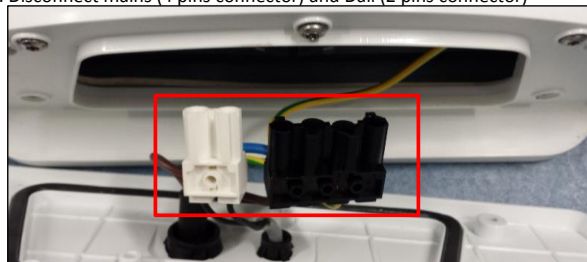
2. Disconnect 8 pins connector



3. Remove endcap electrical side (4x screw M4x10 torq 20)



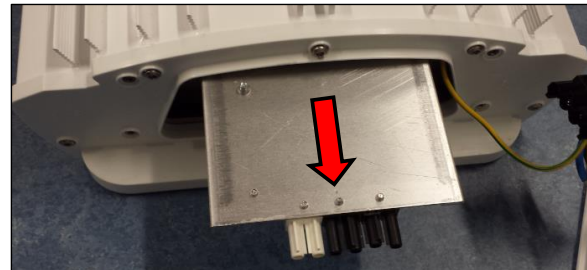
4. Disconnect mains (4 pins connector) and Dali (2 pins connector)



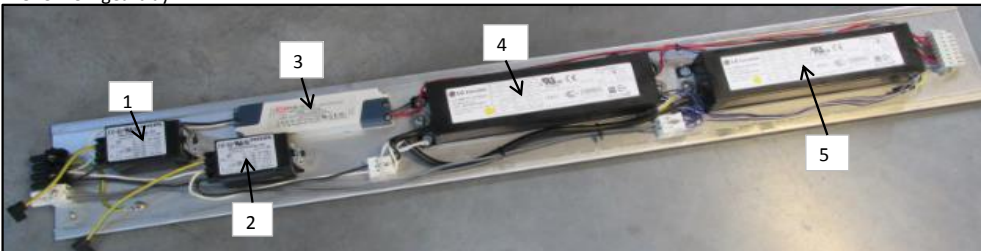
5. Unscrew M6 inbus screw with inbus no. 3



6. Slide geartray out of the fixture



7. Overview geartray



- 1: Surge protection red LED
- 2: Surge protection white LED
- 3: Led driver red LED (Meanwell)
- 4+5: Led driver s white LED (LG) Left and right side

Assembly:

- 1: slide in geartray from the side of the electrical connection with 4 pins black connector and 2 pins white connector in front side
- 2: Screw inbus M6 on the right side in U-shape
- 3: Connect 4 pins black connector and 2 pins white connector (Click)
- 4: Mounting endcap elec with 4x screw M4x10 (1,5 Nm)
- 5: Connect 8 pins connector on the other side of the fixture with 4x screw M4x10 (Click)
- 6: Mounting endcap elec with 4x screw M4x10 (1,5 Nm)