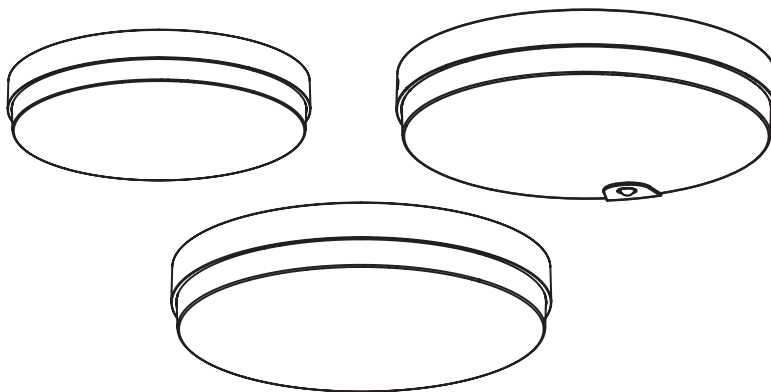


PROLUMIA®

PRODISC III SERIES

SURFACE MOUNTED CEILING LIGHTS



OPERATING INSTRUCTION

GEBRUIKSAANWIJZING
MANUEL D'UTILISATION
INSTALAČNÍ NÁVOD
GEBRAUCHSANLEITUNG

WHITE	BLACK	DESCRIPTION
40008280	40008285	Prodisc III Mini, srf.mt., Ø 267 mm, max. 9.0 W, standard (on/off)
40008281	40008286	Prodisc III Mini, Ø 267 mm, max. 9.5 W, SenseLink Grouping Sensor
40008270	40008275	Prodisc III, srf.mt., Ø 335 mm, max. 21.5 W, standard (on/off)
40008271	40008276	Prodisc III, srf.mt., Ø 335 mm, max. 22.0 W, SenseLink Grouping Sensor
40008272	40008277	Prodisc III, srf.mt., Ø 335 mm, max. 24.0 W, emergency unit
40008273	40008278	Prodisc III, srf.mt., Ø 335 mm, max. 24.5 W, SenseLink Grouping Sensor + emergency unit
40008240	40008245	Prodisc III, srf.mt., Ø 335 mm, max. 22.0 W, PIR sensor
40008241	40008246	Prodisc III, srf.mt., Ø 335 mm, max. 24.5 W, PIR sensor + emergency unit



LED



CAUTION !

**For your safety: read all instructions and mounting steps carefully.
Keep the instructions for future maintenance and disassembly work.**

This product contains a light source of energy efficiency class D.

WARNING !

**DANGER OF ELECTRIC SHOCK ! RISK OF FIRE !
DISCONNECT MAINS POWER BEFORE INSTALLATION OR MAINTENANCE.**

- Installation must be carried out by qualified, authorized personnel only.
- Installation must be carried out in accordance local norms and regulations.
- Improper installation can cause personal injury and/or damage to the product.
- Do not touch the electronic components, electric circuit or LEDs.
- The light source contained in this product shall only be replaced by the manufacturer, or an assigned service agent.
- Use only original parts for repairs and replacements.
- Contact supplier or manufacturer for spare parts and warranty conditions.

ATTENTIE !

**Voor uw veiligheid: lees alle aanwijzingen en montagestappen zorgvuldig door.
Bewaar de handleiding voor toekomstige onderhouds- en demontagewerkzaamheden.**

Dit product bevat een lichtbron met energie-efficiëntieklasse D.

WAARSCHUWING !

**GEVAAR VOOR ELEKTRISCHE SCHOK ! BRANDGEVAAR !
SCHAKEL NETSPANNING UIT VÓÓR AANVANG VAN INSTALLATIE OF ONDERHOUD.**

- De installatie mag uitsluitend worden uitgevoerd door gekwalificeerd, bevoegd personeel.
- De installatie moet worden uitgevoerd in overeenstemming met de plaatselijke normen en voorschriften.
- Onjuiste installatie kan persoonlijk letsel en/of schade aan het product veroorzaken.
- Raak de elektronische componenten, het elektrische circuit of de LEDs niet aan.
- De lichtbron in dit product mag alleen worden vervangen door de fabrikant of een toegewezen serviceagent.
- Gebruik alleen originele onderdelen voor reparaties en vervangingen.
- Neem contact op met de leverancier of fabrikant voor reserveonderdelen en garantievoorwaarden.

ATTENTION !

Pour votre sécurité: lisez attentivement toutes les remarques et étapes de montage. Conservez ces instructions pour des travaux d'entretien ou de démontage.

Ce produit contient une source lumineuse de classe d'efficacité énergétique D.

AVERTISSEMENT !

RISQUE DE CHOC ÉLECTRIQUE ! RISQUE D'INCENDIE !
DÉBRANCHER L'ALIMENTATION SECTEUR AVANT L'INSTALLATION OU L'ENTRETIEN.

- L'installation doit être effectuée uniquement par du personnel qualifié et autorisé.
- L'installation doit être effectuée conformément aux normes et réglementations locales.
- Une installation incorrecte peut entraîner des blessures et/ou endommager le produit.
- Ne pas toucher les composants électroniques, le circuit électrique ou les diodes électroluminescentes.
- La source lumineuse contenue dans ce produit ne doit être remplacée que par le fabricant ou un agent de service désigné.
- N'utilisez que des pièces d'origine pour les réparations et les remplacements.
- Contacter le fournisseur ou le fabricant pour les pièces de rechange et les conditions de garantie.

POZOR !

Pro vaši bezpečnost: pečlivě si přečtete všechny pokyny a montážní kroky. Návod si uschovejte pro budoucí údržbu a demontáž.

Tento výrobek obsahuje světelný zdroj s třídou energetické účinnosti D.

VAROVÁNÍ !

NEBEZPEČÍ ÚRAZU ELEKTRICKÝM PROUDEM ! RIZIKO POŽÁRU !
PŘED INSTALACÍ NEBO ÚDRŽBOU ODPOJTE NAPÁJENÍ Z ELEKTRICKÉ SÍTĚ.

- Instalaci smí provádět pouze kvalifikovaný a autorizovaný personál.
- Instalace musí být provedena v souladu s místními normami a předpisy.
- Nesprávná instalace může způsobit zranění osob a/nebo poškození výrobku.
- Nedotýkejte se elektronických součástí, elektrického obvodu ani LED diod.
- Světelný zdroj obsažený v tomto výrobku smí vyměnit pouze výrobce nebo pověřený servisní pracovník.
- Pro opravy a výměny používejte pouze originální díly.
- Ohledně náhradních dílů a záručních podmínek se obraťte na dodavatele nebo výrobce.

ACHTUNG!

Zu Ihrer Sicherheit: lesen Sie sorgfältig alle Hinweise und Montageschritte. Bewahren Sie diese Gebrauchsanleitung für zukünftige Wartungs- und Demontearbeiten auf.

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

VORSICHT!

**GEFAHR EINES STROMSCHLAGS! BRANDGEFAHR!
VOR DER INSTALLATION ODER WARTUNG DIE STROMZUFUHR UNTERBRECHEN.**

- Die Installation darf nur von qualifiziertem, autorisiertem Personal durchgeführt werden.
- Die Installation muss in Übereinstimmung mit den örtlichen Normen und Vorschriften durchgeführt werden.
- Eine unsachgemäße Installation kann zu Verletzungen und/oder Schäden am Produkt führen.
- Berühren Sie nicht die elektronischen Komponenten, den Stromkreis oder die LEDs.
- Die in diesem Produkt enthaltene Lichtquelle darf nur durch den Hersteller oder einen beauftragten Servicepartner ausgetauscht werden.
- Verwenden Sie für Reparaturen und Austausch nur Originalteile.
- Wenden Sie sich für Ersatzteile und Garantiebedingungen an den Lieferanten oder Hersteller.

GENERAL SPECIFICATIONS

Specification	Prodisc III Mini Ø 267 mm	Prodisc III Ø 335 mm
Type of luminaire	Surface mounted	
Installation options	Wall, ceiling	
Installation environment	Indoor	
Lighting function	General, functional	
Luminaire versions	Standard (on/off) SenseLink-Sensor	Standard (on/off) SenseLink-Sensor Emergency unit SenseLink-Sensor + Emergency unit PIR sensor PIR sensor + Emergency unit
Electrical safety class	Class II	
AC voltage & frequency	220-240 V AC 50-60 Hz or 220 V DC ¹⁾	
Type of driver	Constant current	
Light source type	LED (type SMD 2835)	
Power consumption (min. - max.)	4.5 - 9.5 W	7 - 24.5 W
Luminous flux (min. - max.) at 4000 K	485 - 970 lm	850 - 2450 lm
Luminous flux adjustable	2 settings	4 settings
Light colour	3000 / 3500 / 4000 K	
Light colour adjustable	3 positions	
Color Rendering Index	Ra >80	
Optical system	Lens + Diffuser (opal)	
Beam angle	120° round symmetrical	
Ingress Protection (IP)	IP54	
Impact resistance (IK)	IK10 / IK03 ²⁾	
Median useful life	L90 >50.000 hours L80 >100.000 hours	
Ambient temperature (Ta-range)	-25°C to +50°C ³⁾	
Material	Polycarbonate housing and diffuser	
Color / finish	White or black / Matte finish	
Certification	CE	
Warranty period	5 years ⁴⁾	

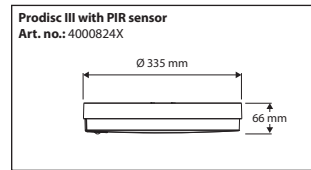
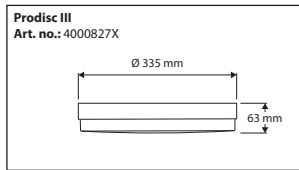
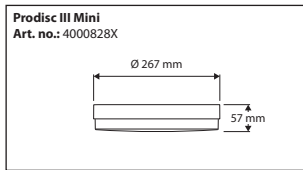
¹⁾ Applicable to Standard (on/off) versions only.

²⁾ Versions without PIR sensor: IK10 | Versions with PIR sensor: IK03.

³⁾ Temperature range refers to Standard(on/off) versions and Sensor versions. Versions w. Emergency Unit: 0°C to +50°C

⁴⁾ Warranty period for Emergency Battery limited to 3 years.

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Art. no.	Description	Front-Ø (mm)	Height (mm)	CCT (K) 3 positions	Luminous flux (lm) 2 levels	
					50% 4.5 - 5 W	100% 9 - 9.5 W
40008280 40008281	Prodisc III Mini - Standard (on/off) - White Prodisc III Mini - SenseLink-Sensor - White	267	57	3000	460	920
				3500	470	940
				4000	485	970
40008285 40008286	Prodisc III Mini - Standard (on/off) - Black Prodisc III Mini - SenseLink-Sensor - Black	267	57	3000	418	836
				3500	425	850
				4000	440	880

Art. no.	Description	Front-Ø (mm)	Height (mm)	CCT (K) 3 positions	Luminous flux (lm) 4 levels				Luminous flux (lm) Emergency lighting ¹⁾
					35% 6.8 - 8.5 W	50% 9.4 - 11.5 W	70% 14.1 - 16.5 W	100% 21.3 - 24.5 W	
40008270 40008271 40008272 40008273	Prodisc III - Standard (on/off) - White Prodisc III - SenseLink-Sensor - White Prodisc III - Emergency unit - White Prodisc III - SenseLink-Sensor + Emergency unit - White	335	63	3000	810	1130	1610	2320	260
				3500	830	1180	1710	2510	
				4000	850	1190	1700	2450	
40008275 40008276 40008277 40008278	Prodisc III - Standard (on/off) - Black Prodisc III - SenseLink-Sensor - Black Prodisc III - Emergency unit - Black Prodisc III - SenseLink-Sensor + Emergency unit - Black	335	63	3000	720	1000	1430	2050	235
				3500	740	1040	1490	2140	
				4000	750	1050	1500	2150	

¹⁾ Only applicable to versions with integrated emergency unit (40008272, 40008273, 40008277, and 40008278)

Art. no.	Description	Front-Ø (mm)	Height (mm)	CCT (K) 3 positions	Luminous flux (lm) 4 levels				Luminous flux (lm) Emergency lighting ¹⁾
					35% 6.8 - 8.5 W	50% 9.4 - 11.5 W	70% 14.1 - 16.5 W	100% 21.3 - 24.5 W	
40008240 40008241	Prodisc III - PIR Sensor - White Prodisc III - PIR Sensor + Emergency unit - White	335	66	3000	810	1130	1610	2320	260
				3500	830	1180	1710	2510	
				4000	850	1190	1700	2450	
40008245 40008246	Prodisc III - PIR Sensor - Black Prodisc III - PIR Sensor + Emergency unit - Black	335	66	3000	720	1000	1430	2050	235
				3500	740	1040	1490	2140	
				4000	750	1050	1500	2150	

¹⁾ Only applicable to versions with integrated emergency unit (40008241, 40008246)

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MAXIMUM NUMBER OF LUMINAIRES BY MINIATURE CIRCUIT BREAKER (MCB) TYPE

Art. no.	Description	Miniature Circuit Breaker Type			
		B 10A	B 16A	C 16A	C 20A
40008280 40008285	Prodisc III Mini - Standard (on/off)	67	107	213	266
40008281 40008286	Prodisc III Mini - SenseLink-Sensor	63	101	202	252
40008270 40008275	Prodisc III - Standard (on/off)	28	44	89	111
40008271 40008276	Prodisc III - SenseLink-Sensor	27	43	87	109
40008272 40008277	Prodisc III - Emergency unit	25	40	80	100
40008273 40008278	Prodisc III - SenseLink-Sensor + Emergency unit	24	39	78	98
40008240 40008245	Prodisc III - PIR-Sensor	27	43	87	109
40008241 40008246	Prodisc III - PIR -Sensor + Emergency unit	24	39	78	98



Maximum nr. of **wired** master/slave-connected luminaires = 30 units, regardless MCB-type

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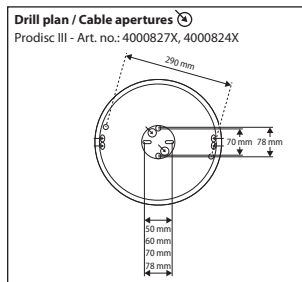
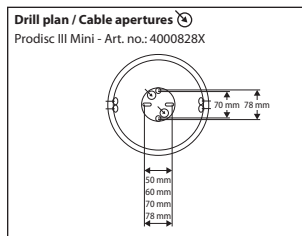
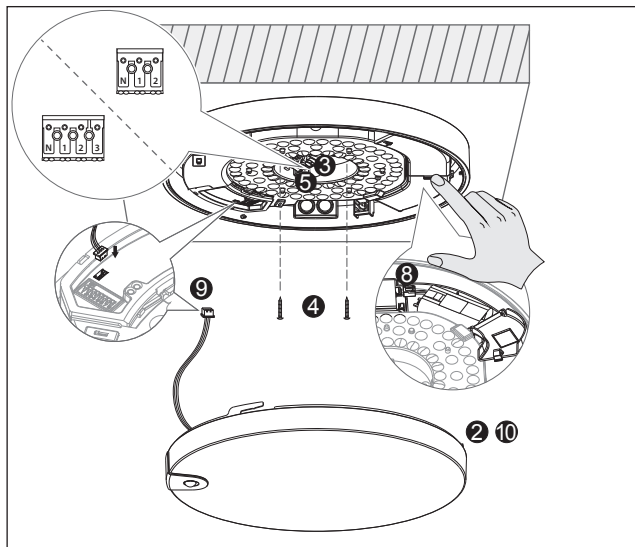
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INSTALLATION - SURFACE MOUNTING

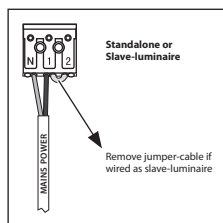
1. Determine the location and mounting points (see drill plans below) of the luminaire on the ceiling or wall and provide mains voltage supply.
2. Unlock the diffuser (opal front section) by turning it briefly anticlockwise and remove it from the luminaire.
3. Make sure mains voltage is disconnected. Feed the (supply) cables into the luminaire via the grommet at the required cable aperture (see fig. below).
4. Fix the base of the fitting to the ceiling or wall using the screws (and plugs) provided.
5. Connect the (power supply) cables to the correct inputs of the terminal block (see mains power wiring schedule below).
6. Set the desired light colour and light intensity, using the switches provided in the luminaire (see page 5).
7. Pls refer to the separate SensorLink operation instruction to activate the desired automatic operation of the luminaire.
8. If the fixture is fitted with an emergency unit, connect the plug of the battery to the emergency unit in the battery compartment.
9. Connect the detector wire to PIR sensor module on the base. (applicable to version with PIR sensor unit 4000824X)
10. Place the diffuser back on the luminaire and lock it by turning clockwise a short turn.
11. Switch on the power supply and check the operation of the fixture and any sensor and/or emergency unit.



MAINS POWER CONNECTION / WIRING SCHEDULE BY LUMINAIRE TYPE

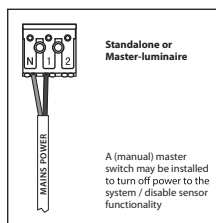
NOTE: Mains power connection cables should have a cross-sectional area of minimum 1.0 mm² and maximum 2.5 mm². Recommended cable type: H03VV-F.

LUMINAIRE WITHOUT SENSOR, WITHOUT EMERGENCY UNIT



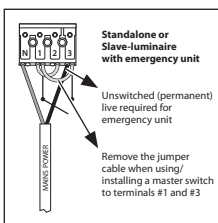
Prodisc III Mini - Art. no.: 40008280 / 40008285
Prodisc III - Art. no.: 40008270 / 40008275

LUMINAIRE WITH SENSOR, WITHOUT EMERGENCY UNIT



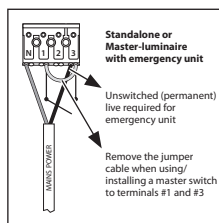
Prodisc III Mini - Art. no.: 40008281 / 40008286
Prodisc III - Art. no.: 40008271 / 40008276 / 40008240 / 40008245

LUMINAIRE WITHOUT SENSOR, WITH EMERGENCY UNIT



Prodisc III - Art. no.: 40008272 / 40008277

LUMINAIRE WITH SENSOR, WITH EMERGENCY UNIT



Prodisc III - Art. no.: 40008273 / 40008278 / 40008241 / 40008246

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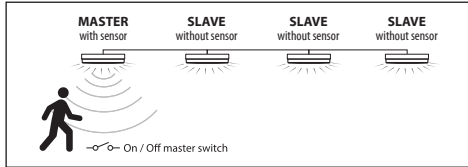
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MASTER/SLAVE WIRING OPTIONS

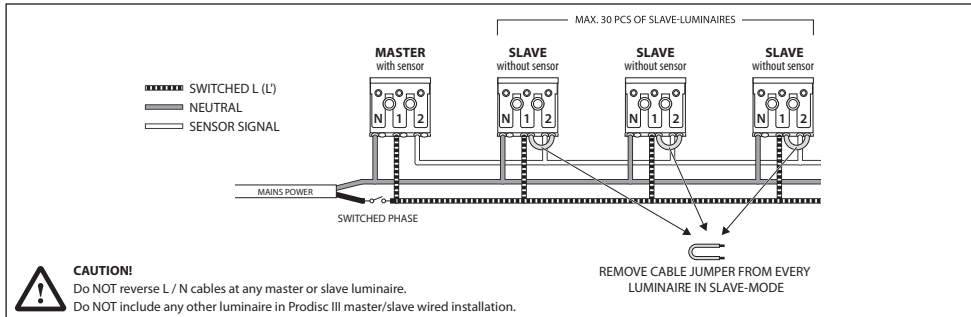
Applicable to installations without emergency units.

SCENARIO A - MASTER/SLAVE SETUP WITH ON/OFF (MASTER) SWITCH

Luminaire with sensor (single master) to control luminaires without sensor (multiple slaves)

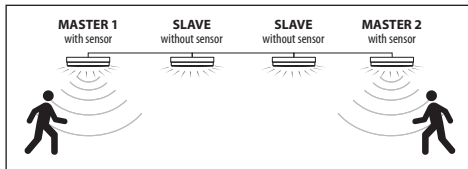


SCENARIO A - WIRING SCHEDULE

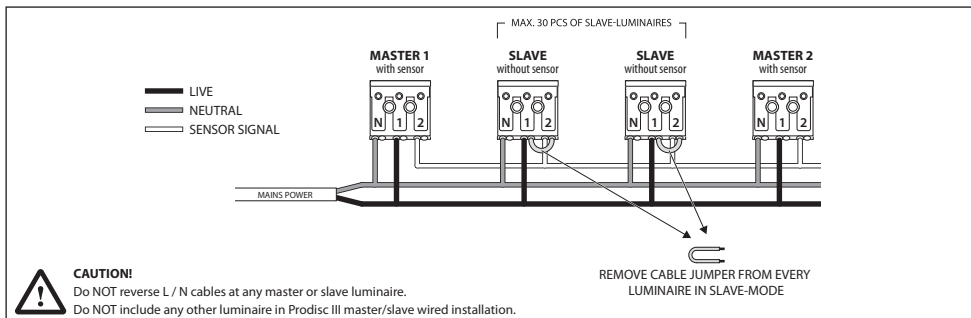


SCENARIO B - MASTER/SLAVE SETUP WITH 2 x MASTER

Luminaires with sensor (multiple masters) to control luminaires without sensor (multiple slaves)



SCENARIO B - WIRING SCHEDULE

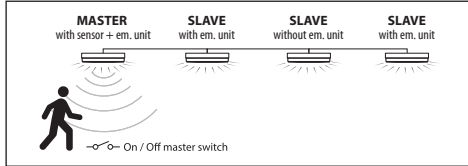


MASTER/SLAVE WIRING OPTIONS

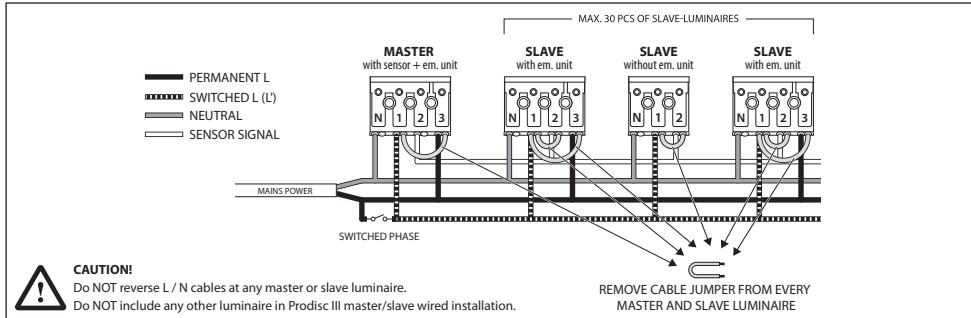
Applicable to installations including luminaires with emergency unit.

SCENARIO C - MASTER/SLAVE SETUP WITH ON/OFF (MASTER) SWITCH

Luminaire with sensor incl. emergency unit (single master) to control luminaires with/without emergency unit (multiple slaves)

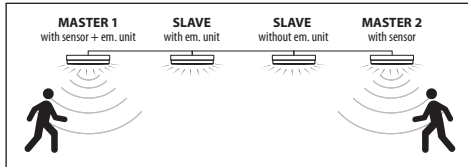


SCENARIO C - WIRING SCHEDULE

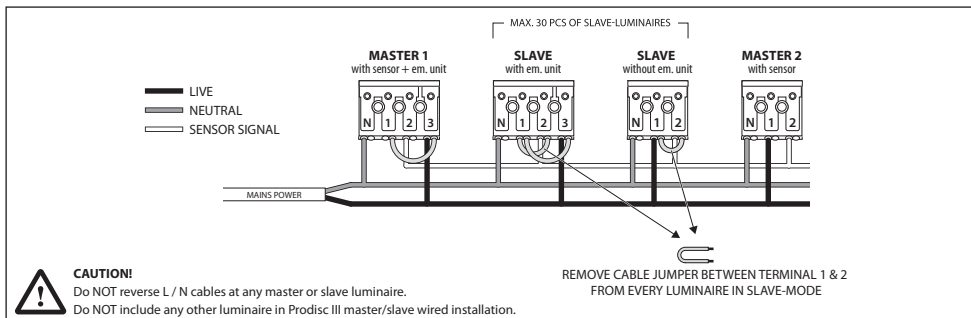


SCENARIO D - MASTER/SLAVE SETUP WITH 2 x MASTER

Luminaires with sensor incl. emergency unit (multiple masters) to control luminaires with/without emergency unit (multiple slaves)



SCENARIO D - WIRING SCHEDULE



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MICROWAVE MOTION SENSOR – SPECIFICATIONS / FEATURES / SETTINGS

Please refer to the Prolumia 'SenseLink Wireless Grouping Sensor' operating instructions for detailed information on sensor specifications, features, and settings.

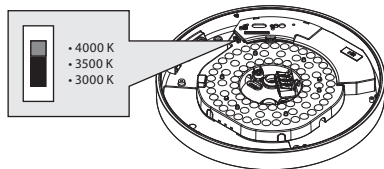
PIR SENSOR – SPECIFICATIONS / FEATURES / SETTINGS

Please refer to the Prolumia 'Prodisc III Integrated PIR Motion & Daylight Sensor' operating instructions for detailed information on sensor specifications, features, and settings.

ADJUSTABLE LIGHT COLOR

This feature is available on all Prodisc III models.

The slide-switch is located on the LED-module.
The switch is made accessible by removing the diffuser front.

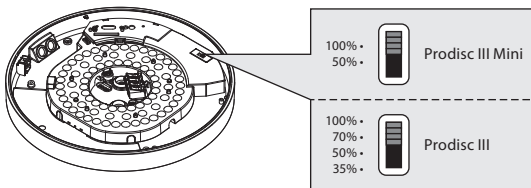


ADJUSTABLE LUMINOUS FLUX

Prodisc III Mini - luminous flux level adjustable to 2 levels.

Prodisc III - luminous flux level adjustable to 4 levels.

The slide-switch is located on the LED-module.
The switch is made accessible by removing the diffuser front.



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EMERGENCY UNIT / BATTERY HANDLING & MAINTENANCE INSTRUCTIONS

This information is only applicable to luminaires with integrated emergency unit.

These luminaires are self-contained emergency lighting systems, fitted with a rechargeable LiFePO4 backup battery. In case of mains power outage, the converter automatically switches to battery power for emergency lighting for the rated duration.

Regular checks are required to ensure proper functionality and battery health. When the indicator LED installed on the fitting is illuminated green it means the emergency system is connected/standby and batteries are charging. If the fitting is disconnected from mains, the green LED indicator will switch off and the fixture will illuminate using its battery power. Please refer to the relevant sections in this manual for further information.

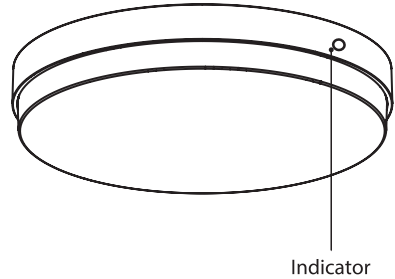
Emergency fittings with an indicator LED which is not green illuminated, must be inspected and serviced directly. These self-contained emergency lights are designed for easy replacement of the battery. Please refer to the relevant sections in this manual for further information. Batteries must be replaced in case the fitting is unable to reach its rated duration under battery operation, or after reaching the operational lifespan. Contact the manufacturer or authorized service agent for original replacement batteries.

For proper long term performance, batteries must be recharged for an uninterrupted period of 24 hours if the time between manufacturing date and commissioning date has exceeded 6 months. For verification, the battery is marked with a manufacturing date code, e.g. 07/2020 (July 2020). When the luminaire is not connected to mains voltage, self-discharge of the battery takes place. Damage to the battery as a result of self-discharge is excluded from the warranty. During construction and renovation work, frequent mains voltage interruptions may occur. Frequently interrupted charging and discharging cycles lead to shortened service life, irreparable damage or sudden failure of the battery. Such damage is excluded from warranty.

Make sure luminaires containing batteries are stored or installed in locations with an ambient temperature (T_a) within the rated range. For optimal storage, LiFePO4 batteries should be kept in a cool, dry place. The ideal storage temperature is between 15°C and 25°C, with humidity levels kept low to prevent moisture buildup.

BATTERY SELF TESTING

- Green light on:** Mains power supply on & battery system normal.
- Red light on (flashing):** Test failed.
- Amber light on:** Test in progress.



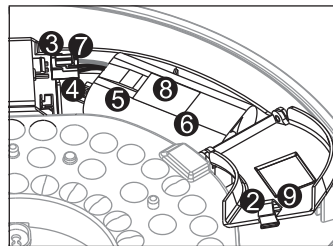
	Tests	Battery status under test	Starting time	Test duration	Test frequency	Result	Indicator status
1	Emergency driver / battery / loading	Charging	First connection to mains power	Continuously	Non-stop	Normal	Green light
						Failed	Red light !
2	Rated duration time	Discharging	30 days after first connection to mains power	Rated duration time (1 hr)	Once per year	Normal	Green light on
						Failed	Red light !
						Test in progress	Amber light
Remarks: If a mains supply failure occurs up to 24 hrs before a programmed rated duration test, the test will be postponed and rescheduled for up to 7 days after restoration of the mains supply.							
3	Emergency function	Discharging	60 days after first connection to mains power	1 min.	Once per month	Normal	Green light
						Failed	Red light !
						Test in progress	Amber light
Remarks: If a mains supply failure occurs up to 4 hrs before a programmed functional test, the test will be postponed and rescheduled for up to 10 hrs after restoration of the mains supply.							

!	Failure	Indicator status	Flash frequency
	Emergency driver	Red light on (quick flashing)	Flash once every second
	Battery	Red light on (slow flashing)	Flash once every three seconds
	Loading	Red light on	---

BATTERY REPLACEMENT

CAUTION: DISCONNECT MAINS POWER FIRST!

- Remove the diffuser to reach the integrated battery
- Open the battery compartment
- Unplug the battery from the driver
- Unscrew the battery holder
- Remove the old battery
- Insert / fix the new battery in place
- Connect the battery to the driver
- Note the new battery commissioning date
- Close the battery compartment, reattach the diffuser



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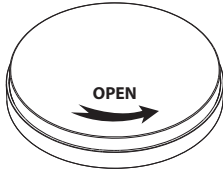
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ECODESIGN - MODULAR CONSTRUCTION

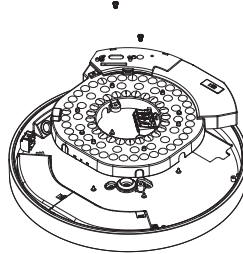
The product is built according to the Ecodesign principle. The modular construction makes component replacement easy. It also offers advantages in terms of waste separation and recycling.

Steps for dismantling modular parts:

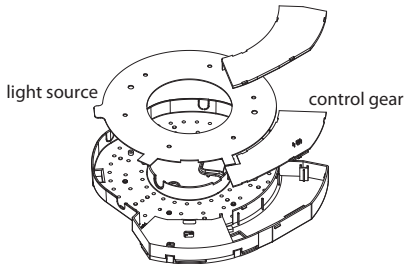
1 Open the diffuser



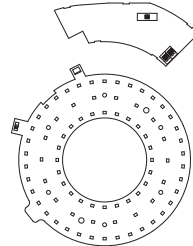
2 Remove the base



3 Dismantle all these parts



4 The control gear and the light source



EN

NL

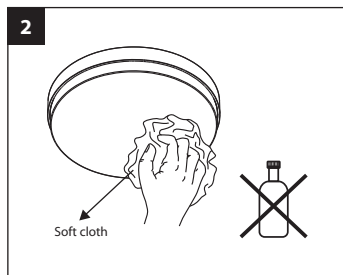
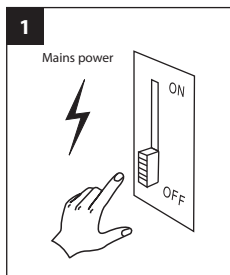
FR

CZ

DE

MAINTENANCE

1. Cut off the mains power first.
2. Don't use chemical reagent to clean lamp.



ENVIRONMENTAL PROTECTION

Do not dispose of electrical and electronic devices including their accessories with the household waste. When the luminaire is at the end of its life cycle, it must be disposed of according to local recycling guidelines.



EN

BESCHERMING VAN HET MILIEU

Gooi elektrische en elektronische apparaten en hun accessoires niet weg met het huisvuil. Wanneer het armatuur aan het einde van zijn levenscyclus is, moet het worden afgevoerd volgens de plaatselijke richtlijnen op het gebied van recycling.



NL

PROTECTION DE L'ENVIRONNEMENT

Ne jetez pas les appareils électriques et électroniques, y compris leurs accessoires, avec les ordures ménagères. Lorsque le luminaire se trouve en fin de cycle de vie, il doit être mis au rebut, dans le respect des directives locales en matière de recyclage.



FR

OCHRANA ŽIVOTNÍHO PROSTŘEDÍ

Elektrická a elektronická zařízení včetně jejich příslušenství nevyhazujte do domovního odpadu. Po skončení životnosti svítidla je třeba jej zlikvidovat podle místních směrnic pro recyklaci.



CZ

UMWELTSCHUTZ

Entsorgen Sie elektrische und elektronische Geräte einschließlich deren Zubehör nicht mit dem Hausmülle. Wenn das Ende des Lebenszyklus der Leuchte erreicht ist, muss sie ordnungsgemäß und in Übereinstimmung mit den örtlichen Richtlinien entsorgt werden.



DE

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SCAN QR-CODE
TO ACCESS
USER MANUAL:



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