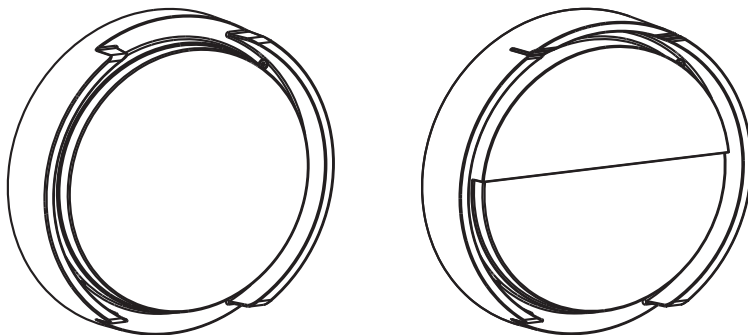


PROLUMIA®

ROCKDISC III SERIES

SURFACE MOUNTED OUTDOOR LUMINAIRES



OPERATING INSTRUCTION

GEBRUIKSAANWIJZING
MANUEL D'UTILISATION
INSTALAČNÍ NÁVOD
GEBRAUCHSANLEITUNG

ART.NR	DESCRIPTION
40009030	Rockdisc III Mini, Ø 270 mm, max. 9.0 W, On/Off
40009031	Rockdisc III Mini, Ø 270 mm, max. 9.5 W, SenseLink-sensor
40009035	Rockdisc III Mini, Shielded, Ø 270 mm, max. 9.0 W, On/Off
40009036	Rockdisc III Mini, Shielded, Ø 270 mm, max. 9.5 W, SenseLink-sensor
40009180	Rockdisc III, Ø 340 mm, max. 23.0 W, On/Off
40009181	Rockdisc III, Ø 340 mm, max. 23.5 W, SenseLink-sensor
40009182	Rockdisc III, Ø 340 mm, max. 25.5 W, Emergency unit
40009183	Rockdisc III, Ø 340 mm, max. 26.0 W, SenseLink-sensor + Emergency unit
40009185	Rockdisc III, Shielded, Ø 340 mm, max. 23.0 W, On/Off
40009186	Rockdisc III, Shielded, Ø 340 mm, max. 23.5 W, SenseLink-sensor
40009187	Rockdisc III, Shielded, Ø 340 mm, max. 25.5 W, On/Off + Emergency unit
40009188	Rockdisc III, Shielded, Ø 340 mm, max. 26.0 W, SenseLink-sensor + Emergency unit



IP66



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 přečtěte 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 součástek, 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

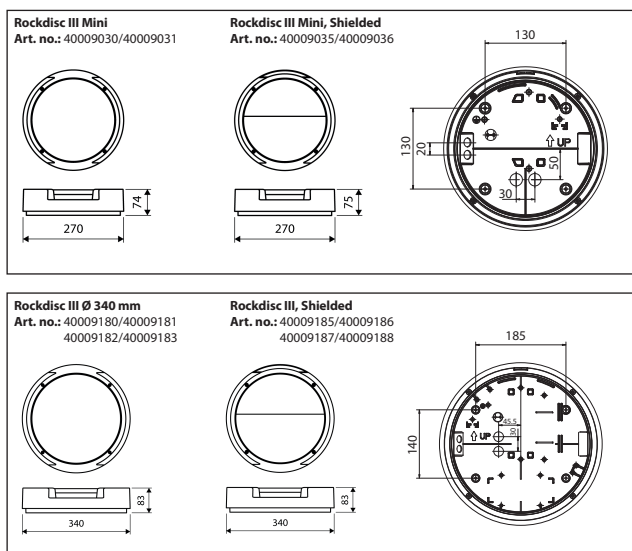
Specification	ROCKDISC III Mini Ø 270 mm	ROCKDISC III Ø 340 mm
Type of luminaire	Surface mounted	
Application	Wall, ceiling	
Installation environment	Outdoor	
Lighting function	General, functional	
Luminaire versions	Standard (on/off) SenseLink-Sensor	Standard (on/off) SenseLink-Sensor Emergency unit SenseLink-Sensor + Emergency unit
Electrical safety class	Class I	
AC voltage & frequency	220-240 V AC 50-60 Hz or 220 V DC ¹⁾	
Type of driver	Constant current	
Type of light source	LED (type SMD 2835)	
Power consumption (min. - max.)	4.5 - 9.5 W	10 - 26 W
Luminous flux (min. - max.)	380 - 900 lm	800 - 2300lm
Luminous flux adjustable	2 settings	3 settings
Light color	3000 / 3500 / 4000 K	
Light color adjustable	3 positions	
Color Rendering Index	Ra >80	
Optical system	Diffuser (opal)	
Beam angle	120° round symmetrical	
Ingress Protection (IP)	IP66	
Impact resistance (IK)	IK10	
Median useful life	L90 >50.000 hours L80 >100.000 hours	
Ambient temperature (Ta-range)	-25°C to +50°C ²⁾	
Material	Aluminium housing and polycarbonate diffuser	
Color / finish	Black / Matte finish	
Certification	CE	
Warranty period	5 years ³⁾	

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

²⁾ Temperature range refers to Standard(on/off) versions and Sensor versions.
Versions w. Emergency Unit: -10°C to +50°C

³⁾ 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
40009030 40009031	Rockdisc III Mini - Standard (on/off) - black Rockdisc III Mini - SenseLink (Sensor) - black	270	74	3000	430	860
				3500	440	880
				4000	450	900
40009035 40009036	Rockdisc III Mini, Shielded - Standard (on/off) - black Rockdisc III Mini, Shielded - SenseLink (Sensor) - black	270	75	3000	360	730
				3500	370	740
				4000	380	750

Art. no.	Description	Front-Ø (mm)	Height (mm)	CCT (K) 3 positions	Luminous flux (lm) 3 levels			Luminous flux (lm) Emergency lighting ¹⁾
					45% 10-12 W	65% 15-16.5 W	100% 23-26W	
40009180 40009181 40009182 40009183	Rockdisc III - Standard (on/off) - black Rockdisc III - SenseLink (Sensor) - black Rockdisc III - Emergency unit - black Rockdisc III - SenseLink (Sensor) + Emergency unit - black	340	83	3000	960	1450	2200	260
				3500	980	1475	2250	
				4000	1000	1500	2300	
40009185 40009186 40009187 40009188	Rockdisc III, Shielded - Standard (on/off) - black Rockdisc III, Shielded - SenseLink (Sensor) - black Rockdisc III, Shielded - Emergency unit - black Rockdisc III, Shielded - SenseLink (Sensor) + Emergency unit - black	340	83	3000	770	1050	1720	210
				3500	785	1075	1760	
				4000	800	1100	1800	

¹⁾ Only applicable to versions with integrated emergency unit (40009182, 40009183, 40009187 en 40009188)

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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
40009030 40009035	Rockdisc III Mini / Rockdisc III Mini, Shielded - Standard (On/Off)	67	107	213	266
40009031 40009036	Rockdisc III Mini / Rockdisc III Mini, Shielded - SenseLink (Sensor)	63	101	202	252
40009180 40009185	Rockdisc III / Rockdisc III, Shielded - Standard (On/Off)	26	41	83	104
40009181 40009186	Rockdisc III / Rockdisc III, Shielded - SenseLink (Sensor)	25	40	81	102
40009182 40009187	Rockdisc III / Rockdisc III, Shielded - Emergency unit	23	37	75	94
40009183 40009188	Rockdisc III / Rockdisc III, Shielded - SenseLink (Sensor) + Emergency unit	23	36	74	92



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

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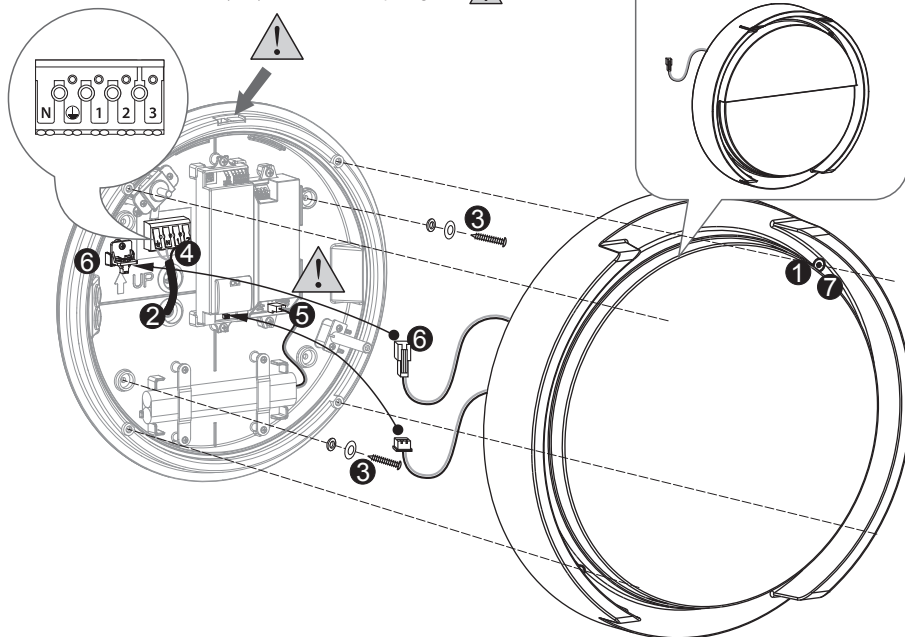
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INSTALLATION - SURFACE MOUNTING

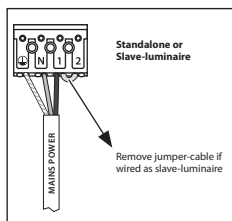
1. Disassemble the diffuser kit.
2. Pull in the power cord through the gasket.
3. Fix the fixture on the wall with screws.
Pay attention to the direction with a marking UP on the base.
4. Connect the power cord on the terminal correctly.
(Caution: Earthing cable must be connected firmly.)
5. Connect the plug of battery onto the emergency driver firmly.
6. Connect the male connector of diffuser kit to the female connector of fixture.
7. Assemble the diffuser kit firmly. Pay attention to the spacing hole.



MAINS POWER CONNECTION / WIRING SCHEDULE BY LUMINAIRE TYPE

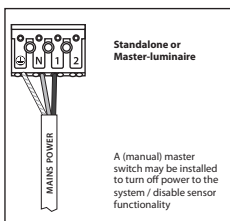
NOTE: Mains power connection cables should have a cross-sectional area of minimum 1.0 mm² and maximum 2.5 mm².
Recommended cable type: H05RN-F.

LUMINAIRE WITHOUT SENSOR, WITHOUT EMERGENCY UNIT



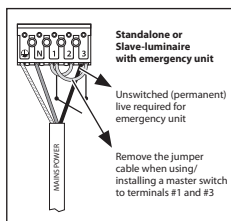
Rockdisc III Mini - Art. no.: 40009030 / 40009035
Rockdisc III - Art. no.: 40009180 / 40009185

LUMINAIRE WITH SENSOR, WITHOUT EMERGENCY UNIT



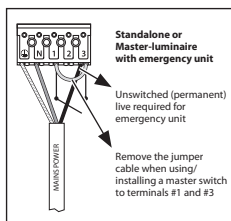
Rockdisc III Mini - Art. no.: 40009031 / 40009036
Rockdisc III - Art. no.: 40009181 / 40009186

LUMINAIRE WITHOUT SENSOR, WITH EMERGENCY UNIT



Rockdisc III - Art. no.: 40009182 / 40009187

LUMINAIRE WITH SENSOR, WITH EMERGENCY UNIT



Rockdisc III - Art. no.: 40009183 / 40009188

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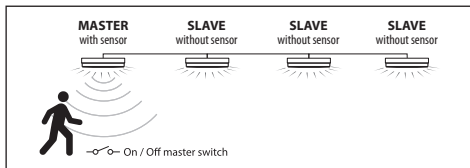
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MASTER/SLAVE WIRING OPTIONS

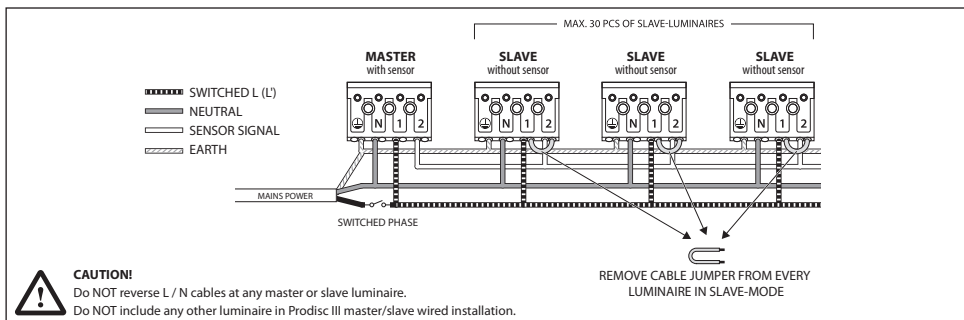
Applicable to installations without emergency units.

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

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

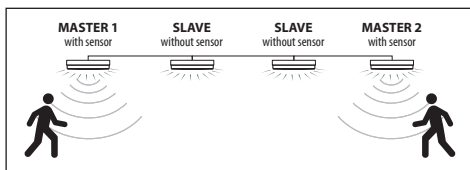


SCENARIO A - WIRING SCHEDULE

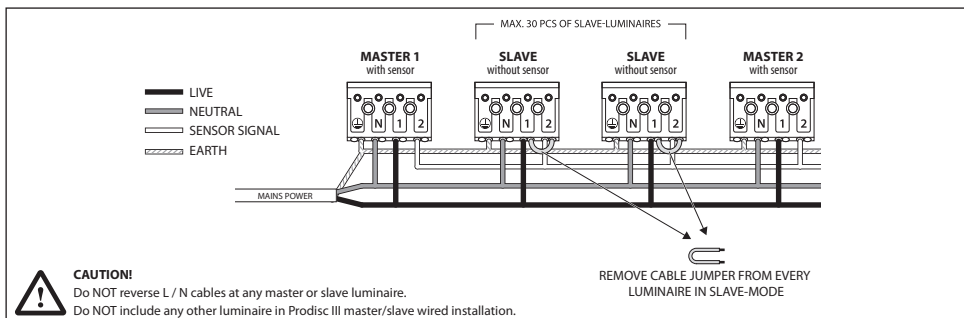


SCENARIO B - MASTER/SLAVE SETUP WITH 2 x MASTER

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



SCENARIO B - WIRING SCHEDULE

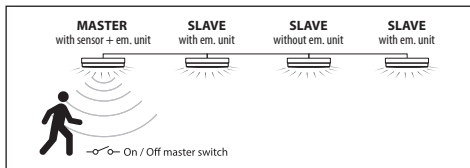


MASTER/SLAVE WIRING OPTIONS

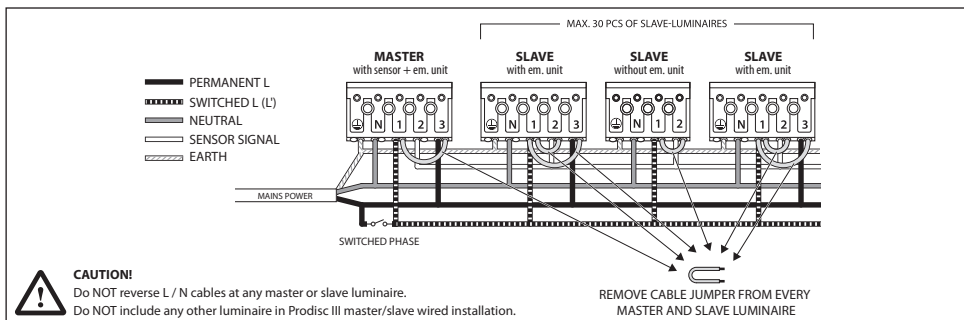
Applicable to installations including luminaires with emergency unit.

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)

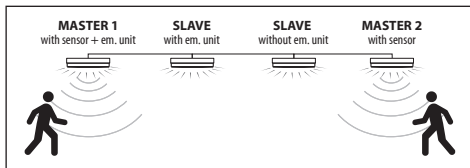


SCENARIO C - WIRING SCHEDULE

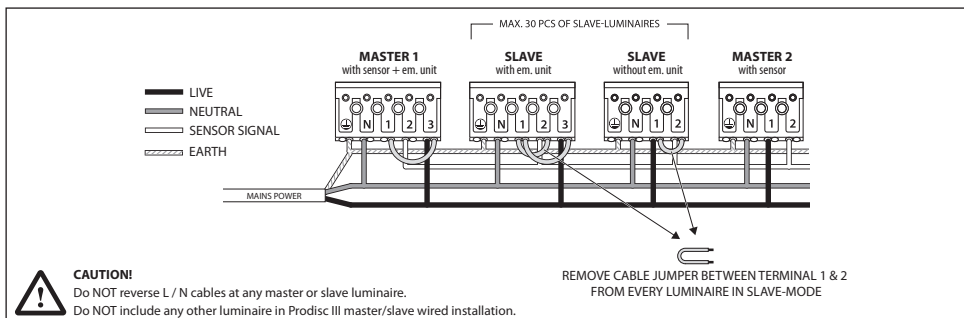


SCENARIO D - MASTER/SLAVE SETUP WITH 2 x MASTER

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 about sensor specifications, features, and settings.

OPTIONAL OUTPUT BRIGHTNESS

The fixture can be set at 2 or 3 different light levels.

The switch can be found on the LED driver and can be seen when you have removed the light unit.



ON Rockdisc III Mini

2 choices of output brightness

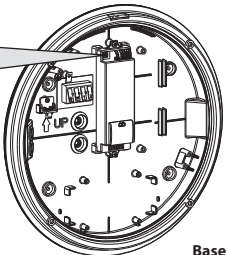
	1	
I	ON	100%
II	-	50%



ON Rockdisc III

3 choices of output brightness

	1	2	
I	ON	ON	100%
II	ON	-	65%
III	-	-	45%



Base

OPTIONAL COLOR TEMPERATURE

The fixture can be set at 3 different light colours.

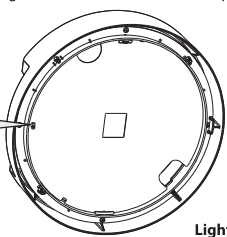
The switch is located on the inside of the light unit and is accessible after opening the fixture.



3000K

3500K

4000K



Light unit

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.

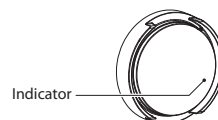
Emergency fittings with an indicator LED which is not green illuminated, must be inspected and serviced directly. These self-contained emergency lights are designed for easy replacement of the battery. Please refer to the relevant sections in this manual for further information. Batteries must be replaced 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 (Ta) 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

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

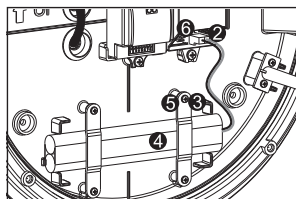


	Tests	Battery status under test	Starting time	Test duration	Test frequency	Result	Indicator status
1	Emergency driver / battery / loading	Charging	First connection to mains power	Continuously	Non-stop	Normal	Green light
						Failed	Red light ⚠
2	Rated duration time	Discharging	30 days after first connection 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	---

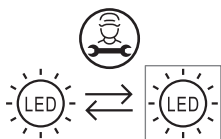
HOW TO REPLACE BATTERY

1. Cut the power supply first.
2. Pull out the plug of battery from the emergency driver.
3. Screw out the plastic brackets.
4. Remove the old battery.
5. Fix the new battery with the plastic brackets.
6. Connect the plug onto the emergency driver.
7. Record the date of commissioning of the battery

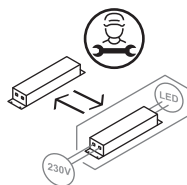


REPLACING LED MODULE AND LED DRIVER

Please note: The LED driver in this fixture is not suitable for use without the presence of a load. Before working on the fixture, cut off the mains power first.



Replaceable light source (LED only)
by a qualified technician.



Replaceable LED driver
by a qualified technician.

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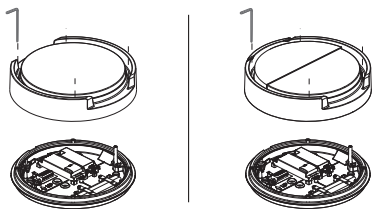
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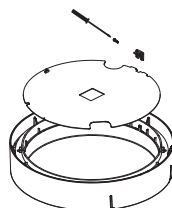
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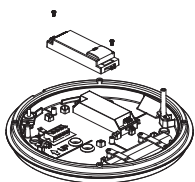
Open the fixture.

2



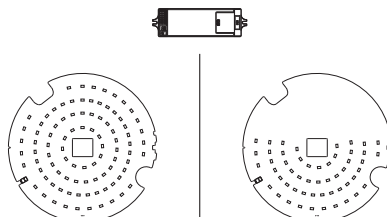
Dismantle the light source.

3



Dismantle the LED driver.

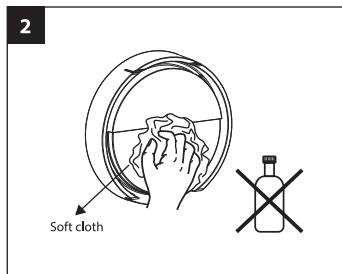
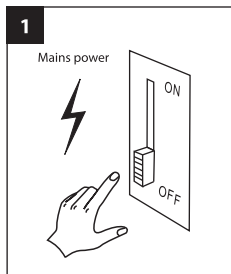
4



The LED driver and the light source.

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.



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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.



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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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