



## MINUS ONE ELEMENTS

**Niedervolt Einbau- downlight- Leuchte-** Die Minus-Downlight-Serie von Apure bringt mit ihrer noch nie dagewesenen Leistung und ihrer blendfreien Optik Raffinesse in den Innenraum. Eine einzige Hochleistungs-LED wird mit einer präzisionsfokussierenden Optik kombiniert, um eine beispiellose Leuchte zu schaffen. High-Tech-Mikroprozessor-gesteuertes Wärmemanagement sorgt für Zuverlässigkeit und eine lange Lebensdauer.

### Konstruktion

- Eloxiertes Aluminium-Kühlkörper- optimale Optik für maximale Lichtleistung
- 50.000 Stunden LED-Lebensdauer
- Mikroprozessorgesteuerter Wärmeschutz
- Gewicht der kompletten Leuchte: 720g (1.58lbs)
- Betriebstemperatur: -10°C - 50°C
- Schutzart IP 43 bei Einbau in geschlossenen Decken

### Lichtleistung

- 1140lm Lichtstrom
- Scharf definierte 20° oder 40° Linse
- Hochleistungs-Cree LED in 2700K, 3000K, 4000K Farbtemperaturen erhältlich
- Farbwiedergabeindex 90 CRI

### Elektrische Spezifikation

- Schutzklasse 3 in Verbindung mit SELV Treibern
- 12,5W Leistungsaufnahme
- 12V DC; 1030mA Anschluss
- Nur mit vorgegebenen Apure Netzteilen betreiben: **AA3-2202-D-EU, AA3-2205-D-EU, AA3-DALI-D-EU**
- Nicht direkt an die Hausspannung (230V, 50Hz) anschließen. Beachten Sie die Herstellervorgaben.

### Installation

- Die Standardmontage für die Minus One/ TWO erfolgt unter Verwendung unserer oben gezeigten Universalhalterung/ Montageblech (AM1-BRK-UXX), die es ermöglicht, die Minus One/ Two in neue oder bereits vorhandene Trockenbaudecken einzubauen.
- Gipskartonplatten können spezifiziert werden, um in Decken mit den Dicken von 10mm, 12,5mm, 15mm und 18mm zu verbauen.
- Ein 209mm X 209mm quadratischer Ausschnitt ist in der Deckenplatte erforderlich.

### Konformitäten / Patent

- CE
- IP66
- Schutzklasse 3
- Patentgeschützt



### ORDERING INFORMATION

SERIENNUMMER	MODEL	TYP	ORIENTIERUNG	TEMPERATURE	CRI	LINSE	IP SCHUTZKLASSE	PROTOKOLL
AM - Minus Series	1 - Minus One	1 - LED	F - Fixed	27 - 2700k 30 - 3000k 40 - 4000k	90 - 90 CRI	S - 20° Spot F - 40° Flood	IP - IP66 Rated	EU - Euro
AM11F-__								

**ORDERING EXAMPLE** AM11F-3090FIPEU

Project: _____	Type: _____
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EU/INT'L
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**Outdoor and Marine Custom Installation Questionnaire**

The Minus One Element series is designed to allow installation in a variety of different materials. As with any special installation, there are limitations. To determine if an installation within your desired material is possible, please fill out the questionnaire below and return it to your authorized Minus reseller for consideration. *All fields, including signature is required.*

**Full Name**

\_\_\_\_\_

**Project Name**

\_\_\_\_\_

**Company Name**

\_\_\_\_\_

**Required Questions**

- |   |  |
|---|--|
| 1. Where are you planning on installing this fixture? (circle one)                            | Interior / Exterior                      |
| 2. Is this fixture being installed on a vessel?   | Yes / No                                 |
| 3. If you selected exterior for question 2, is the structure open or closed? (circle one)     | Open / Closed                            |
| 4. Is this for new construction or retrofit construction? (circle one)                        | New Construction / Retrofit Construction |
| 5. Is the ceiling a plenum/air return ceiling? (circle one)                                   | Yes / No                                 |
| 6. What material are you planning to install the fixture in?                                  | _____                                    |
| 7. Does the desired material have any certifications/listings? (circle one)                   | Yes / No                                 |
| 8. If you answered yes to question 7, what certifications/listings does the material have?    | _____                                    |
| 9. What is the total thickness of the desired material?                                       | Thickness: ____Inches (____cm)           |
| 10. What are the dimensions of the desired material? (Length and Width)                       | Length: ____Inches (____cm)              |
|   | Width: ____Inches (____cm)               |
| 11. Does the ceiling material have additional backing material? (circle one)                  | Yes / No                                 |
| 12. If you answered yes to question 11, what is the backing material?                         | _____                                    |
| 13. What is the total thickness of the backing material?                                      | ____Inches (____cm)                      |
| 14. Can your installer route and/or cut the material according to shop drawings? (circle one) | Yes / No                                 |
| 15. Will the fixture has a one foot clearance below the opening?                              | Yes / No                                 |
| 16. Will the fixture be submerged under water? (circle one)                                   | Yes / No                                 |
| 17. Will this fixture be installed in a steam room / sauna? (circle one)                      | Yes / No                                 |
| 18. What is the target installation date?   | _____                                    |
| 19. How many fixtures do you require for this project?  | _____                                    |

**Additional Information**

To assist our engineering team, provide specification sheets for the material in which you would like to have the Minus One Elements Series installed.

**Acknowledgment / Signature**

I understand that the Minus One Element Series is a certified low voltage class 2 fixture and that I am fully responsible to conform to all NEC codes and all local and/or maritime codes when installing in the desired special material. I have completed the questionnaire to the best of my ability and understand that installation within the special material may not be possible. I understand and accept that Apure Distribution, LLC and its authorized resellers are not responsible for improper installation, code violations, or any damages resulting from special material installations both structural or monetary.

Signature \_\_\_\_\_ Printed Name \_\_\_\_\_ Date \_\_\_\_\_

Email Address \_\_\_\_\_