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Maretti Lighting is well-known in the World of interior design. In businesses, homes, store chains, and hospitality facilities all over the world, Maretti is unmistakable present with its project lighting that does more than just provide light. We make lighting an essential part of the interior. Maretti stands for stylish top quality and trendsetting design, modern, timeless and most of all, original.

Maretti Lighting works with all the top brands in the lighting industry, but we are especially notable for our own large product line and introduce our own brand name "Maretti". Our production team distinguishes itself time and time again with unique innovations from our own atelier and therefore our projects exude an entirely unique identity.

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GUARANTEE TERMS AND CONDITIONS

The other party should inspect the delivered items immediately upon receipt with regard to its soundness. Entitlements to repair or replacement only exist if the other party

- In the case of visible defects, informs MPV of them immediately.

- In the case of defects that are not visible, informs MPV in writing of the defects, within 2 working days after the day the defects were found, or in all reason could have been found and furthermore demonstrates that the MPV instructions for use, maintenance and operation were followed, whilst the defects are not the consequence of normal wear and tear, misuse, negligence, accident, exceeding the limits prescribed by the MPV or by the legal safety regulations, or, in the case of a repair or change without MPV's consent or the consent of its recognised repairer, there will be no entitlement to repairs or replacement. The parts that have to be replaced must be made available free of charge to MPV. Noncompliance by the other party to one or more of its obligations will release MPV of all its guarantee obligations. In the case of assembly of the other party's own products by Maretti, MPV will release itself from all guarantee stipulations.

Moreover, our general delivery terms and conditions are applicable. These can be obtained from Maretti or can be downloaded from www.maretti.com

The installation must be done by a competent installer. Maretti recommends that your (outside) lighting and fixtures are inspected and maintained annually.

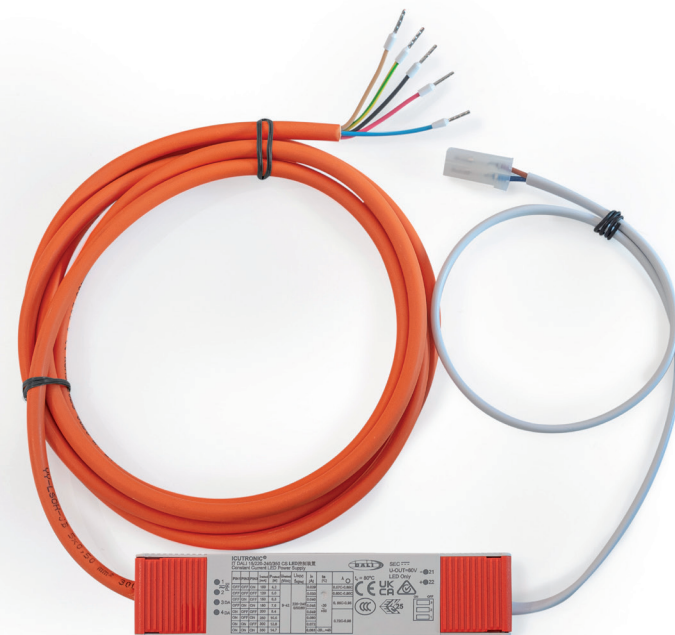
D: Für Garantiebedingungen bitte lesen Sie unsere Webseite
E: Consulte nuestro sitio web para los condiciones de garantía
FR: Consultez notre site web pour les conditions de garantie
NL: Voor garantievoorwaarden zie onze website

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16.7016.0150.Z

DRIVER DALI-2 LP 1/3

150mA (1,4 – 6,3 P&P)
excl. prim. connector, CTA/AM dimmable



Electrical data	
Nominal input voltage	220...240 V
Mains frequency	0/50/60 Hz
Input voltage AC	198...264 V ¹⁾
Total harmonic distortion	< 10 % ²⁾
Power factor	0.57C...0.98
Efficiency in full-load	85 % ³⁾
Device power loss	2.7 W ⁴⁾
Networked standby power	<0.50 W ³⁾
Inrush current	18 A ⁵⁾
Max. ECG no. on circuit breaker 10 A (B)	46
Max. ECG no. on circuit breaker 16 A (B)	74
Nominal output voltage	9...42 V ⁶⁾
U-OUT (working voltage)	60 V
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 % ⁷⁾
Output PSTLM	≤1
Output SVM	≤0.4
Galvanic isolation primary/secondary	SELV
Galvanic isolation DALI/mains	Basic
Galvanic isolation DALI/output	SELV

1) Permitted voltage range

2) At full load, 220...240 V, 50 Hz / see graphs

3) at 230 V, 50 Hz

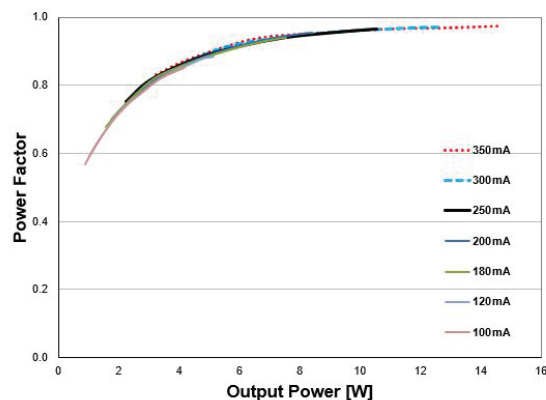
4) Maximum / Full load, 230 Vac, 50Hz / 60Hz

5) twidh = 100 µs (measured at 50 % Ipeak)

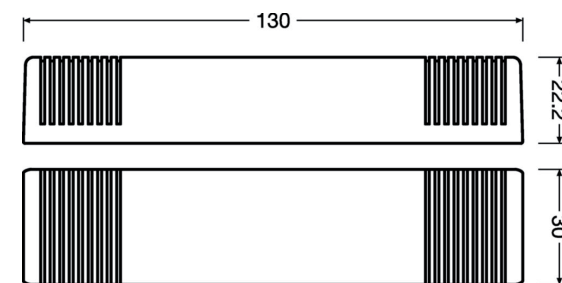
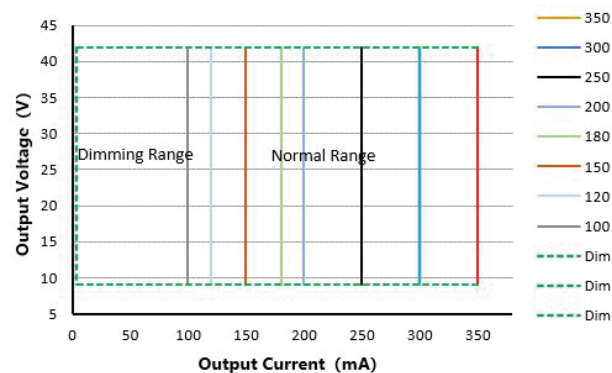
6) Maximum 60 V

7) Ripple average at 100 Hz

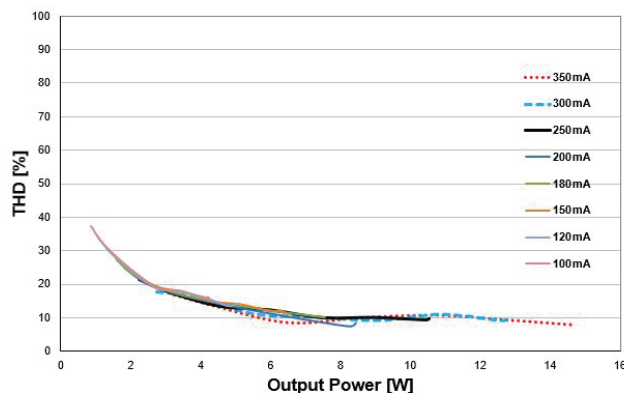
Typical Power Factor v Load
 Typical Power Factor vs load of IT DALI 15



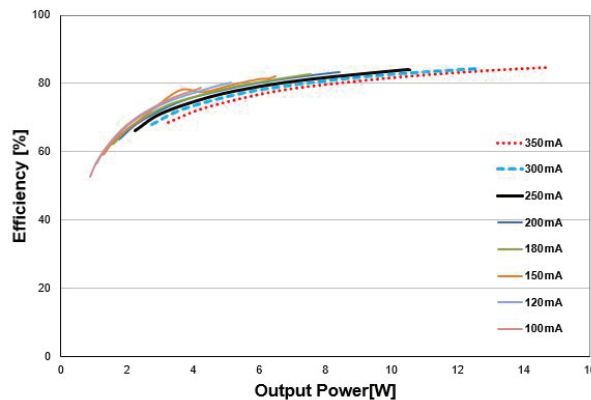
Operating Window
 Typical Operating Window of IT DALI 15



Typical THD v Load
 Typical THD vs load of IT DALI 15



Typical Efficiency v Load 230 V 50 Hz
 Typical Efficiency vs load of IT DALI 15



Temperatures & operating conditions

Ambient temperature range	-20...+50 / -20...+45 °C
Maximum temperature at tc test point	80 °C ¹⁾
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ²⁾

- 1) Maximum at the Tc-point
 2) Maximum 56 days/year at 85 %



LET OP: Volg en bewaar deze gebruiksaanwijzing.

- Zorg ervoor dat de netspanning uitgeschakeld is voor installatie, reparatie of onderhoud. (Installatie, reparatie en onderhoud uitsluitend door gekwalificeerde personen).
- Voor reparatie of onderhoud uitsluitend originele delen gebruiken. Probeer het product niet zelf te demonteren en te repareren, onjuiste reparaties kunnen het product beschadigen en elektrische schokken veroorzaken wat tot ernstig letsel kan leiden.
- Gebruik het armatuur alleen binnenshuis.
- Het armatuur niet in vochtige of natte ruimte gebruiken.
- Uitsluitend op het etiket aangegeven lichtbronnen gebruiken.

De fabrikant aanvaardt geen enkele aansprakelijkheid voor letsel of schade als gevolg van een verkeerde toepassing van het armatuur.

De fabrikant aanvaardt geen garantie in geval van het niet behandelen van de lampen volgens de richtlijnen van de fabrikant.

Als er schade aan elektrische onderdelen te vinden zijn, vraag dan een elektricien om het te vervangen.

Onderhoud is behoud:

- Een goede instandhouding van het armatuur is sterk afhankelijk van omgevings- en onderhoudsfactoren. Hierop kunnen wij geen invloed uitoefenen.
- Schakel voor de zekerheid de elektriciteit uit!
- Gebruik geen bijtende, chemische of schurende schoonmaakmiddelen.

NOTE: Follow and keep this instructions manual.

- Make sure that the mains voltage is switched off for installation, repair or maintenance. (Installation, repair and maintenance only by qualified persons).
- Use only original parts for repairs or maintenance. Never attempt to disassemble, repair or alter the product in any way, improper repairs could damage the product causing electrical shocks which may cause serious injury.
- Use the fixture only indoors.
- Don't use the fixture in humid or wet areas.
- Use only suitable light sources indicated on the label.

The manufacturer accepts no liability for any injuries or damages resulting from the incorrect use or installation of the fixture.

Any operation performed on the fixture that is not in accordance with instructions will void manufacturer's warranty.

If you find any damage to the electrical parts, please ask a qualified electrician to replace it.

Maintenance is preservation:

- A good preservation of the fixture is highly dependent on environmental factors and maintenance. We cannot exercise any influence on this.
- Make sure that the mains voltage is switched off before you begin.
- Do not use strong, chemicals or abrasive cleaners.

"No rights can be derived from the information provided on this Instruction Manual. Information on the Instruction Manual has been compiled with the utmost care and is updated on a continuous basis. Nevertheless Maretti cannot guarantee that all information is free of errors, complete or fully up to date."

DRIVER DALI-2 LP 150mA (1,4 – 6,3 P&P)

excl. prim. connector, CTA/AM dimmable

INSTRUCTIONS

Lifespan	
ECG lifetime	50000 h ¹⁾

1) At maximum Tc = 80°C / 10% failure rate

Capabilities	
Control interface	DALI-2
Dimmable	Yes
Dimming interface	DALI-2 / Touch DIM / Corridor
Dimming range	1...100 % ¹⁾
Dimming method	Amplitude Modulation
Max. cable length to lamp/LED module	2.0 m ²⁾
Suitable for emergency lighting	Yes
Number of channels	1
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
Intended for no-load operation	No
No-load proof	Yes

1) For maximum nominal output current

2) Output wires must be routed as close as possible to each other

Programmable features	
DALI Settings	Yes
TouchDIM + Sensor	Yes
Corridor Functionality	Yes
Dim to Dark	No
Soft Switch Off	No
Tuning Factor	No
Configuration Lock	Yes
Driver Guard	No
Emergency Mode	Yes

Certificates & standards	
Approval marks – approval	CE / ENEC / EL / RCM / UKCA / CCC / KC / BIS
Standards	IEC 61347-1 / IEC 61347-2-13 / EN 55015 / IEC 61547 / IEC 61000-3-2 / IEC 62384
Type of protection	IP20



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