## OTI DALI 35/220-240/1A0 LT2

SELV Constant current LED driver Wide operating area up to 1 A - dimmable

The reliable choice for the energy saving lighting: DALI dimmable, embedded corridor functionality and advanced Touch Dim with daylight harvesting, constant lumen output. Digitally programmable. Automatic current set through the LEDSet interface.



Wide operating range: 0.35 - 1 A Adjustable current via LEDset or via software. Long lasting and high reliability. Built-in and independent mounting (with opt. kit) Suitable for emergency lighting units.

### **Applications**

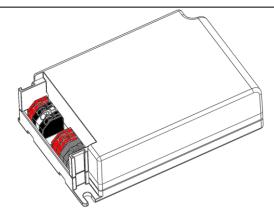
Downlight and spot. Office - industrial - shop

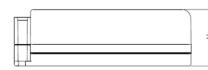
## **Approval marks**



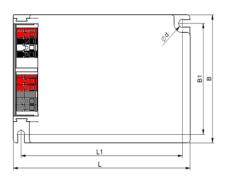








L	103mm
В	67mm
Н	29,5mm



Housing material: plastic, white.

### **Product Features**

- Output current range 0.35 1 A
- Smart dimming down to 1%
- Fully digitally programmable
- SELV-equivalent, Uout: 15 54 V<sub>DC</sub>
- Output power up to 35 W
- Mains voltage 220 240 V
- Suitable for emergency lighting

- Overload protection
- Overtemperature protection
- Load hot plug protection
- 100'000 h lifetime at  $t_c = 65$ °C
- $t_c max = 75 °C$
- Wide t<sub>a</sub> range -20 +50 °C
- 5 years guarantee

Misprints and technical changes excepted

# **Electrical Specifications**

Nominal voltage		Item	Value	Unit	Remarks
AC voltage range		Nominal voltage		V	
DC voltage range		Nominal frequency	0 / 50 / 60	Hz	Incl. DC or pulse DC
Maximum voltage		AC voltage range	198 – 264	V	
Nominal current		DC voltage range	176 – 276	V	DC or pulse DC
Total Harmonic Distortion (THD)		Maximum voltage	280	Vac	2 h maximum, unit might not operate in this abnormal condition
Power factor > 0.95 Full load, 220 – 240 V, 50 Hz / see graphs  Efficiency typical 86% Full load, 220 – 240 V, 50 Hz / see graphs  Protection clases 5.7 W Maximum, full load  No-load power n/a W Load switching on output side is safe but not permitted  Stand-by power < 350 mW  Protection class III Suitable for class I and II luminaires  Inrush current < 20 A pk Max, Th < 100 µs  Max. units per circuit breaker B16: 55; B10: 33  Nominal voltage range 15 – 54 V  Maximum voltage 60 V No load protection, restart trials every 1-3 s  Nominal current range 350-1050 mA  LEDset open: 175 mA; LEDset short: 700 mA (digitally programmable)  Current raccuracy +/-5 % Digital programming. +/-5% through the LEDset interface.  Current ripple < 2 % Ripple / average @ 100 Hz; Full load  Nominal power range 15 – 35 W  Maximum power 35 W LED output  Galvanic isolation SELV equivalent Output to earth - Touch current < 0.7 mA  Dimming control yes DALI, TouchDIM  Dimming range 1 – 100 % Of selected nominal current  Dimming range 1 – 100 % Of selected nominal current  Dimming technique mixed AM (>260mA) + PWM (<260mA)  PWM frequency > 2280 Hz  Galvanic isolation basic / double Basic DALI to Primary / Double DALI to Secondary  Ambient temperature range to 22+50 °C  Relative humidity 5 85 % Not condensing  Surge transient protection 1 kV L/N acc to EN 61547  Environmental rating Indoor IP rating IP 20  Mains switching cycles > 100000  Expected (Issue) 500000 b to = 75°C, 0.2% / 1'000 h failure rate		Nominal current	0.18	Α	
Power losses   5.7   W Maximum, full load   No-load power   N/a   W Load switching on output side is safe but not permitted		Total Harmonic Distortion (THD)	< 10	%	Full load, 220 – 240 V, 50 Hz / see graphs
Power losses   5.7   W Maximum, full load   No-load power   N/a   W Load switching on output side is safe but not permitted	TD ON	Power factor	> 0.95		Full load, 220 – 240 V, 50 Hz / see graphs
Power losses   5.7   W Maximum, full load   No-load power   N/a   W Load switching on output side is safe but not permitted		Efficiency	typical 86%	%	Full load, 220 – 240 V, 50 Hz / see graphs
Stand-by power   Canal Company   Suitable for class   In Important   Canal Company   Suitable for class   In Important   Canal Company   Suitable for class   In Important   Canal Company   Important   Canal Company   Important   Canal Company   Important	_	Power losses	5.7	W	Maximum, full load
Stand-by power   Company   Stand-by power   Company   Suitable for class   In Image   In Im		No-load power	n/a	W	Load switching on output side is safe but not permitted
Inrush current   Ray   B16: 55; B10: 33   Max, Th < 100 μs		Stand-by power	< 350	mW	
Nominal voltage range		Protection class	II		Suitable for class I and II luminaires
Nominal voltage range   15 - 54   V		Inrush current	< 20	A pk	Max, Th < 100 μs
Maximum voltage 60 V No load protection, restart trials every 1-3 s  Nominal current range 350-1050 mA  Nominal current range 350-1050 mA  Current accuracy +/- 5 % Digital programming. +/- 5% through the LEDset interface.  Current ripple <2 % Ripple / average @ 100 Hz; Full load  Nominal power range 15 – 35 W  Maximum power 35 W LED output  Galvanic isolation SELV equivalent Output to earth - Touch current < 0.7 mA  Dimming control yes DALI, TouchDIM  Dimming range 1 – 100 % Of selected nominal current  Dimming technique mixed AM (>260mA) + PWM (<260mA)  PWM frequency > 280 Hz  Galvanic isolation basic / double Basic DALI to Primary / Double DALI to Secondary  Ambient temperature range ta -20 +50 °C  Maximum case temperature tage -25 +85 °C  Relative humidity 5 85 % Not condensing  Surge transient protection 1 kV L/N acc to. EN 61547  Environmental rating Indoor  IP rating IP 20  Mains switching cycles 50'000 b tc = 75°C, 0.2% / 1'000 h failure rate		Max. units per circuit breaker	B16: 55; B10: 33		
Maximum voltage 60 V No load protection, restart trials every 1-3 s  Nominal current range 350-1050 mA  Nominal current range 350-1050 mA  Current accuracy +/- 5 % Digital programming. +/- 5% through the LEDset interface.  Current ripple <2 % Ripple / average @ 100 Hz; Full load  Nominal power range 15 – 35 W  Maximum power 35 W LED output  Galvanic isolation SELV equivalent Output to earth - Touch current < 0.7 mA  Dimming control yes DALI, TouchDIM  Dimming range 1 – 100 % Of selected nominal current  Dimming technique mixed AM (>260mA) + PWM (<260mA)  PWM frequency > 280 Hz  Galvanic isolation basic / double Basic DALI to Primary / Double DALI to Secondary  Ambient temperature range ta -20 +50 °C  Maximum case temperature tage -25 +85 °C  Maximum case temperature range -25 +85 °C  Relative humidity 5 85 % Not condensing  LVN acc to. EN 61547  Environmental rating Indoor  IP rating IP 20  Mains switching cycles 50'000 b tc = 75°C, 0.2% / 1'000 h failure rate		·			
Nominal current range    Society			15 – 54	-	
Current accuracy +/- 5 % Digital programmable)  Current ripple <2 % Ripple / average @ 100 Hz; Full load  Nominal power range 15 – 35 W  Maximum power 35 W LED output  Galvanic isolation SELV equivalent Output to earth - Touch current < 0.7 mA  Dimming control yes DALI, TouchDIM  Dimming range 1 − 100 % Of selected nominal current  Dimming technique mixed AM (>260mA) + PWM (<260mA)  PWM frequency > 280 Hz  Galvanic isolation basic / double Basic DALI to Primary / Double DALI to Secondary  Ambient temperature range t₁ -20+50 °C  Maximum case temperature t₂ 75 °C Measured on t₂ point indicated of the product label, t₁ anot exceeded  Max. case temp. in fault condition 110 °C  Storage temperature range -25+85 °C  Relative humidity 5 85 % Not condensing  Surge transient protection 1 kV L/N acc to. EN 61547  Environmental rating Indoor  IP rating IP 20  Mains switching cycles 50'000 b t₂ = 75°C, 0.2% / 1'000 h failure rate		Maximum voltage	60	V	
Nominal power range  Maximum power  Galvanic isolation  SELV equivalent  Output to earth - Touch current < 0.7 mA  Dimming control  Dimming range  1 - 100  Maximum prange  1 - 100  Maximum prange  1 - 100  Maximum prange  PWM frequency  Galvanic isolation  AM (>260mA) + PWM (<260mA)  PWM frequency  Galvanic isolation  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range  Max. case temp. in fault condition  110  C  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  IP 20  Mains switching cycles  Figure 150  Maximum power  35  W  LED output  Output to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, Touch DIM  Maximum case temperature to  AM (>260mA) + PWM (<260mA)  Hz  Maximum case temperature to  Maximum case temperature to  C  Measured on to point indicated of the product label, ta not exceeded  Maximum case temperature to  No C  Measured on to point indicated of the product label, ta not exceeded  L/N acc to EN 61547  L/N acc to EN 61547	5	Nominal current range	350-1050	mA	
Nominal power range  Maximum power  Galvanic isolation  SELV equivalent  Output to earth - Touch current < 0.7 mA  Dimming control  Dimming range  1 - 100  Maximum prange  1 - 100  Maximum prange  1 - 100  Maximum prange  PWM frequency  Galvanic isolation  AM (>260mA) + PWM (<260mA)  PWM frequency  Galvanic isolation  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range  Max. case temp. in fault condition  110  C  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  IP 20  Mains switching cycles  Figure 150  Maximum power  35  W  LED output  Output to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, Touch DIM  Maximum case temperature to  AM (>260mA) + PWM (<260mA)  Hz  Maximum case temperature to  Maximum case temperature to  C  Measured on to point indicated of the product label, ta not exceeded  Maximum case temperature to  No C  Measured on to point indicated of the product label, ta not exceeded  L/N acc to EN 61547  L/N acc to EN 61547	₽	Current accuracy	+/- 5	%	Digital programming. +/- 5% through the LEDset interface.
Nominal power range  Maximum power  Galvanic isolation  SELV equivalent  Output to earth - Touch current < 0.7 mA  Dimming control  Dimming range  1 - 100  Maximum prange  1 - 100  Maximum prange  1 - 100  Maximum prange  PWM frequency  Galvanic isolation  AM (>260mA) + PWM (<260mA)  PWM frequency  Galvanic isolation  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range ta  Ambient temperature range  Max. case temp. in fault condition  110  C  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  IP 20  Mains switching cycles  Figure 150  Maximum power  35  W  LED output  Output to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Duty to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  Dath, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, TouchDIM  Output to earth - Touch current < 0.7 mA  DALI, Touch DIM  Maximum case temperature to  AM (>260mA) + PWM (<260mA)  Hz  Maximum case temperature to  Maximum case temperature to  C  Measured on to point indicated of the product label, ta not exceeded  Maximum case temperature to  No C  Measured on to point indicated of the product label, ta not exceeded  L/N acc to EN 61547  L/N acc to EN 61547	Š	Current ripple	< 2	%	Ripple / average @ 100 Hz; Full load
Dimming control   SELV equivalent   Output to earth - Touch current < 0.7 mA	•	Nominal power range	15 – 35	W	
Dimming control  Dimming range  Dimming range  Dimming technique  Dimming technique  Mixed  AM (>260mA) + PWM (<260mA)  PWM frequency  Galvanic isolation  Ambient temperature range ta  Ambient temperature range  Max. case temp. in fault condition  Storage temperature range  Relative humidity  Surge transient protection  Environmental rating  IP rating  Mains switching cycles  PMALI, TouchDIM  Of selected nominal current  AM (>260mA) + PWM (<260mA)  Amb (>260mA)  PWM frequency  Amb (>260mA)  PWM frequency  Sasic DALI to Primary / Double DALI to Secondary  Po Measured on t <sub>c</sub> point indicated of the product label, ta not exceeded  Max. case temp. in fault condition  110  C  Storage temperature range  -25+85  C  Relative humidity  Surge transient protection  1 kV L/N acc to. EN 61547  Environmental rating  Indoor  IP rating  Mains switching cycles  > 100'000  Figure 175°C, 0.2% / 1'000 h failure rate		Maximum power	35	W	
Dimming range 1 – 100 % Of selected nominal current  Dimming technique mixed AM (>260mA) + PWM (<260mA)  PWM frequency > 280 Hz  Galvanic isolation basic / double Basic DALI to Primary / Double DALI to Secondary  Ambient temperature range t <sub>a</sub> -20+50 °C  Maximum case temperature t <sub>c</sub> 75 °C Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  Max. case temp. in fault condition 110 °C  Storage temperature range -25+85 °C  Relative humidity 5 85 % Not condensing  Surge transient protection 1 kV L/N acc to. EN 61547  Environmental rating Indoor  IP rating IP 20  Mains switching cycles > 100'000  Expected lifetime 50'000 b t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate		Galvanic isolation	SELV equivalent		Output to earth - Touch current < 0.7 mA
Galvanic isolation  Ambient temperature range t <sub>a</sub> -20+50  Maximum case temperature t <sub>c</sub> Max. case temp. in fault condition  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  Mains switching cycles  Figure 150'000  Basic DALI to Primary / Double DALI to Secondary  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **Not condensing  L/N acc to. EN 61547  Figure 175°C, 0.2% / 1'000 h failure rate	<b>(D</b>	Dimming control	yes		DALI, TouchDIM
Galvanic isolation  Ambient temperature range t <sub>a</sub> -20+50  Maximum case temperature t <sub>c</sub> Max. case temp. in fault condition  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  Mains switching cycles  Figure 150'000  Basic DALI to Primary / Double DALI to Secondary  C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  Max. case temp. in fault condition  110  °C  Storage temperature range  -25+85  °C  Relative humidity  5 85  Mot condensing  L/N acc to. EN 61547  Environmental rating  IP 20  Mains switching cycles  50'000  b  t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate	ž		1 – 100	%	Of selected nominal current
Galvanic isolation  Ambient temperature range t <sub>a</sub> -20+50  Maximum case temperature t <sub>c</sub> Max. case temp. in fault condition  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  Mains switching cycles  Figure 150'000  Basic DALI to Primary / Double DALI to Secondary  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **Not condensing  L/N acc to. EN 61547  Figure 175°C, 0.2% / 1'000 h failure rate			mixed		AM (>260mA) + PWM (<260mA)
Galvanic isolation  Ambient temperature range t <sub>a</sub> -20+50  Maximum case temperature t <sub>c</sub> Max. case temp. in fault condition  Storage temperature range  Relative humidity  Surge transient protection  IP rating  IP rating  Mains switching cycles  Figure 150'000  Basic DALI to Primary / Double DALI to Secondary  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **C  Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  **Not condensing  L/N acc to. EN 61547  Figure 175°C, 0.2% / 1'000 h failure rate	≧	PWM frequency	> 280	Hz	
Maximum case temperature t <sub>c</sub> 75 °C Measured on t <sub>c</sub> point indicated of the product label, t <sub>a</sub> not exceeded  Max. case temp. in fault condition 110 °C  Storage temperature range -25 +85 °C  Relative humidity 5 85 % Not condensing  Surge transient protection 1 kV L/N acc to. EN 61547  Environmental rating Indoor  IP rating IP 20  Mains switching cycles > 100'000  Executed lifetime 50'000 b t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate			basic / double		Basic DALI to Primary / Double DALI to Secondary
Max. case temp. in fault condition  Storage temperature range  -25 +85  C  Relative humidity  Surge transient protection  Environmental rating  IP rating  IP 20  Mains switching cycles  So'000  Mains switching cycles  Type and diffetime  Max. case temp. in fault condition  10  C  Not condensing  kV  L/N acc to. EN 61547  Environmental rating  IP 20  Mains switching cycles  50'000  Mains switching cycles  So'000  Mains switching cycles  Mains switching cycles  So'000  Mains switching cycles  Mains cycles  Mains switching cycles  Mains cycles  Mains		Ambient temperature range t <sub>a</sub>			
Storage temperature range   -25 +85   °C     Relative humidity   5 85   %   Not condensing     Surge transient protection   1   kV   L/N acc to. EN 61547     Environmental rating   Indoor     IP rating   IP 20     Mains switching cycles   > 100'000     Expected lifetime   50'000   h   t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate					Measured on tc point indicated of the product label, tanot exceeded
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Fynacted lifetime 50'000 b t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate					
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Fynacted lifetime 50'000 b t <sub>c</sub> = 75°C, 0.2% / 1'000 h failure rate	VIRO		•	kV	L/N acc to. EN 61547
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	_	iviains switching cycles			4 7500 0.00/ / 41000 h failure rate
		Expected lifetime		h	

## **Protections**

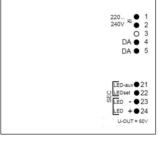
Overtemperature, Overload, No load, Short-circuit, Input overvoltage, Output overvoltage, Output undervoltage

See remarks on page 4.

### **Wiring Diagram**

Input
Gray 1 - Mains
Gray 2 - Mains

Gray 2 - Mains RED 4 - DALI RED 5 - DALI



Output

 Black
 21 - LED-aux

 White
 22 - LEDset

 Black
 23 - LED 

 Red
 24 - LED +

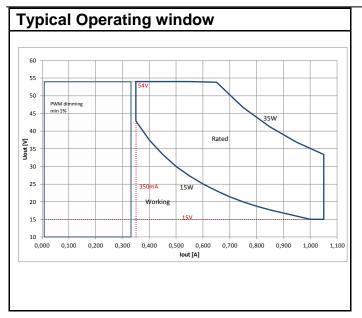
Load wires length: 2m max.

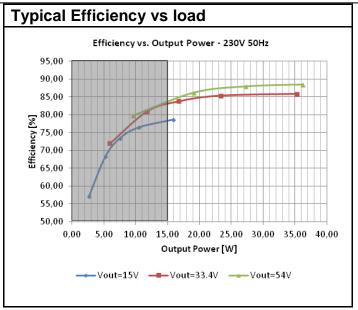
Wires cross section: massive leads 0,2-1,5 mm<sup>2</sup> / flexible leads 0,2 – 1,5 mm<sup>2</sup>

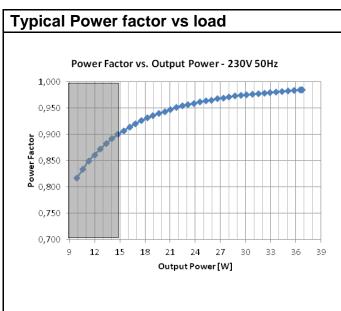
• Wire peeling length: 8-9 mm

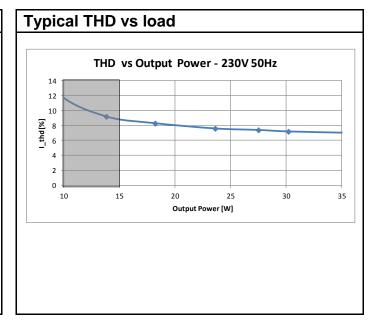
Misprints and technical changes excepted OSRAM CRAM

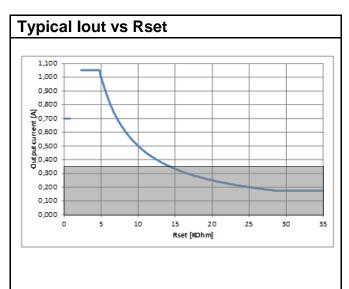
## OPTOTRONIC® LED Power Supply OTi DALI 35/220-240/1A0 LT2 Product Data Sheet











$I_{CUT\left[A\right]} = \frac{5V}{R_{set\left[\Omega\right]}} \times 1000$							
lout [mA]	Iout [mA] actual	Rset [kOhm] E48 series					
350	357	14					
700	699	7.15					

Rset formula and standard lout values

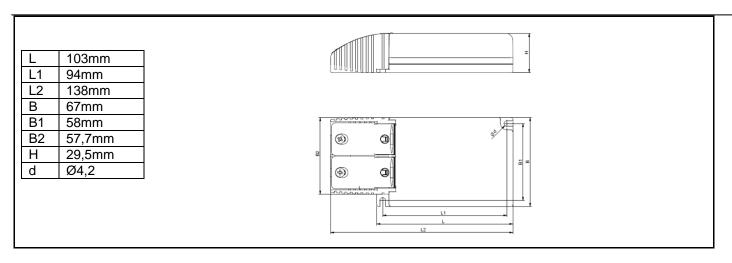
\*Rset value set  $I_{out}$  = 1078 mA but  $I_{out}$  is internal limited to 1050 mA lease refer to "Typical lout vs. Rset" graph.

1050\*

1050

4.64

#### OPTOTRONIC® LED Power Supply OTi DALI 35/220-240/1A0 LT2 Product Data Sheet



### Remarks

- Input over voltage protection: mains up to 280 Vac, for two hours maximum, will not destroy both the unit and the load; shut down of load might occur in this condition.
- Output short circuit / undervoltage protection: shut down of load happens if Uout is below 15 V (typ. 12 V); the unit automatically tries to switch on the load again every 1 s for 0.5 s delivering the selected nominal current.
- Output overload protection: the unit automatically reduces the output current to keep the output power below 35W.
- Output over voltage protection: shut down of load happens if Uout exceeds 54V (typ. 55V); the unit automatically tries to switch on the load again every 1 s for 0.5 s delivering the selected nominal current.
- No load operation: the unit automatically tries to switch on the load delivering the selected nominal current; despite this operation mode is safe for both unit and load, it is not recommended. Do not put a switch between load and unit.
- Over temperature protection: the unit is protected against temporary overheating by automatic reduction of the output current. The protection is self restoring.
- Touch current: lower than 0.7 mA, according to EN 60598-1 annex G and EN 61347-2-13 annex A. Max. 2 ECG per luminiare, each ECG supplying separately its load (two or more units cannot be connected together on secondary side).
- Switchover time: typical 0.6s, both AC and DC mains.
- Output power hold time: ≤ 2 ms, in case of mains dips.
- Emergency lighting: this LED power supply is suitable for emergency lighting fixtures acc. to EN 60598-2-22, with emergency output factor EOF<sub>1</sub> = 0,15 ( default value, can be programmed up to EOF<sub>1</sub> = 1) and related duration time of 10 h at least. Function in emergency is ensured up to t<sub>a</sub> = 80°C and t<sub>c</sub> = 92°C.
- HOT Plug: connection of LED on secondary is allowed without damage of LED. LED turns on automatically

#### Standards

## Ordering information

EN 61347-1 EN 61347-2-13 EN 55015 EN 61547 EN 61000-3-2 EN 62384 EN 62386

Product name	Туре	EAN10	EAN40	NAED	Pieces / box
OTi DALI 35/220-240/1A0 LT2	AA62433	4052899919440	4052899919518	n/a	20
OT Cable Clamp B-style			4052899077898		20

### **Disclaimer (Engineering Samples)**

This product is a demonstration model from our development laboratories made available for your information only.

The model is not binding in respect to its fitness for use, i.e. service life, luminous flux, color temperature and performance.

Prior to production the design, including dimensions, is subject to modification.
You will, therefore, appreciate that at this stage of development we are unable to assume any liability also for damages which may be caused by this product. Should you urgently require binding information for the preparation of construction data for your applications, please contact our marketing department.

Manufacturer's address: **OSRAM GmbH** 

Steinerne Furt 62 D-86167 Augsburg Germany

www.osram.com

**Technical support:** 

Kunden Service Center Germany +49 (0)89-6213-60 00

Misprints and technical changes excepted