

TYPE CL

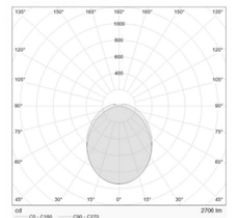
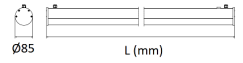


Datasheet
Imperia

LED 1031-PWQFX29190120IJ7



LED



Fixture Type	Pendant
Product Length	2919
breadth	85.00
System Power	120W
Degree Optics	Opal Diffuser
Light Throw	Direct light emission
Life time	L70 50'000hrs
Colour Temperature*	4000
Luminous efficacy of luminaire	100 per watt
Colour Rendering Index (CRI)	>80
Control Gear	Electronic Control
Switch Control	ON/OFF
Material	Aluminium

PendantluminaireImperia with LED (Light Emitting Diode) system power: 120W (40W/m), luminous flux of luminaire 12000 lm (4000 lm/m), colour temperature of 4000K, Neutral white, CRI>80, 230V constant current driver, 70% of luminous flux after 50,000 operating hours,direct light emission, luminaire housing in aluminium, polyester powdered White coloured coat applied over a 5 stage pre-treatment, Opal diffuser,integral Electronic control gear

Protection class I, IP65


Ø = 85mm, L= 2919mm, H = 85mm

Technical specifications can be changed without previous notification.


www.regent.ch


Surface Mounting instruction


⚠ WARNHINWEISE – AVERTISSEMENTS – AVVERTENZE – WARNINGS	
DE	Die Montage und Inbetriebnahme darf nur von autorisiertem Fachpersonal durchgeführt werden (Elektroinstallateur). Die Leuchte dient ausschliesslich der Beleuchtung und ist entsprechend den Errichtungsbestimmungen zu installieren. Jede andere Nutzung oder ein anderer Einbau gilt als «nicht bestimmungsgemäss». Achtung! Während der Verdrahtung und Installation der Leuchten und Versorgungsgeräte immer spannungslos arbeiten. Nichtbeachten kann zur Zerstörung der LED-Module führen. Reparaturen dürfen ausschliesslich durch den Hersteller ausgeführt werden. Bei Defekt zurück an Hersteller. Montageanleitung muss aufbewahrt werden. Technische Änderungen vorbehalten.»
FR	Le montage et la mise en service ne doivent être effectués que par du personnel spécialisé autorisé (installateur électrique). Le luminaire est destiné exclusivement à l'éclairage et doit être installé conformément aux consignes d'installation. Tout autre usage ou montage est considéré comme «non conforme à la destination du produit». Attention! Travailler toujours hors tension pendant le câblage et l'installation des luminaires et des appareils d'alimentation. Le non-respect de cette consigne peut conduire à la destruction des modules LED. Les réparations doivent être effectuées exclusivement par le fabricant. En cas de défaut, renvoyer le matériel au fabricant. Les instructions de montage doivent être conservées. Modifications techniques réservées.
IT	Il montaggio e la messa in funzione possono essere effettuati solo da personale specializzato autorizzato (elettoinstallatori). L'apparecchio di illuminazione serve esclusivamente a scopo di illuminazione e deve essere installato secondo le disposizioni di montaggio. Qualsiasi altro utilizzo o un'altra modalità di incasso sono considerati «non conformi». Attenzione! Lavorare sempre in assenza di tensione mentre si cablano e si installano gli apparecchi di illuminazione e le unità di alimentazione. In caso contrario i moduli LED possono andare distrutti. Far eseguire eventuali riparazioni esclusivamente dal produttore. In caso di guasto rispedire l'apparecchio al produttore. Le istruzioni di montaggio devono essere conservate. I dati tecnici possono subire modifiche senza preavviso.
EN	The luminaire may only be installed and put into operation by authorised, qualified personnel (electrician). The luminaire is only to be used for illumination purposes and is to be installed in accordance with the installation regulations. Any other use, or mode of mounting or installation, is considered to be «improper use». Caution! Always ensure that the electricity is switched off at the mains when wiring and installing luminaires and power supply units. Failure to observe these safety instructions may lead to destruction of the LED modules. Repairs may only be carried out by the manufacturer. Return to manufacturer if defects are found. Mounting instructions must be kept for future reference. Subject to technical change.

	WARNUNG – AVERTISSEMENT – AVVERTENZA – WARNING <ul style="list-style-type: none"> - Stromschlaggefahr. Vor Installation oder Wartung die Leuchte vom Stromnetz trennen. - Risque de choc électrique. Débrancher le luminaire du réseau avant l'installation ou l'entretien. - Pericolo di scossa elettrica. Scollegare l'apparecchio dalla rete elettrica prima dell'installazione o della manutenzione. - Risk of electric shock. Disconnect the luminaire from the power supply before installation or maintenance.
---	--


IP65	<ul style="list-style-type: none"> - Vollständiger Schutz gegen Staub und geschützt vor den niedrigen Druckstrahlen von allen Richtungen Wasserform - begrenzte Menge gestattet. - Totalement protégé contre la poussière et protégé contre les bas jets de pression de l'eau formant toutes les directions - pénétration limitée autorisées. - Totalmente protetto contro la polvere e protetto contro basso getti a pressione della forma acqua tutte le direzioni - ingresso limitato consentito. - Totally protected against dust and protected against low pressure jets of water form all directions - limited ingress permitted.
------	---


	GEFAHR – DANGER – PERICOLO – DANGER <ul style="list-style-type: none"> - Stromschlaggefahr. Vor Wartungs- und Montagearbeiten die Leuchte vom Netz trennen und die Spannungsfreiheit überprüfen. - Risque de choc électrique. Avant de procéder à des travaux d'entretien et/ou de montage, déconnecter le luminaire du secteur et vérifier qu'il est bien hors tension. - Pericolo di scossa elettrica. Prima di eseguire interventi di manutenzione e di montaggio, separare l'apparecchio di illuminazione dalla rete e verificare l'assenza di tensione. - Danger of injury from electric shock. Disconnect the luminaire before mounting or carry out maintenance work, and check it is not live.
---	---

	<ul style="list-style-type: none"> - Leuchte der Schutzklasse I, mit Schutzleiteranschluss. - Luminaire de classe de protection I, avec borne pour conducteur de protection. - Apparecchio di illuminazione in classe di protezione I, con morsetto per collegamento del conduttore di protezione. - Protection class I luminaire, with protective earth terminal.
---	--

	<ul style="list-style-type: none"> - Artikel ist geeignet zur zuerberlichen und inneren Anwendung. - L'article est adapté pour usage externe et interne. - Prodotto idoneo all'uso esterno ed interno. - The article is suitable for outside and inside use.
---	--

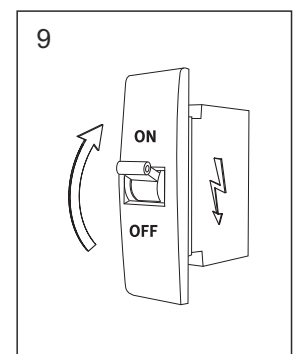
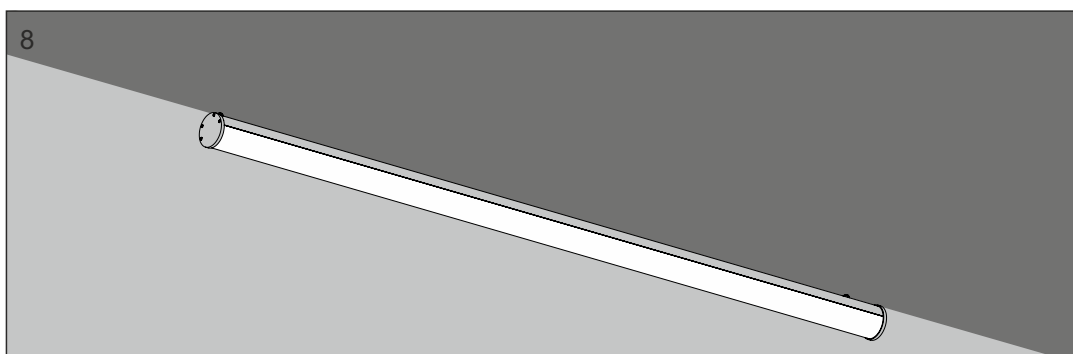
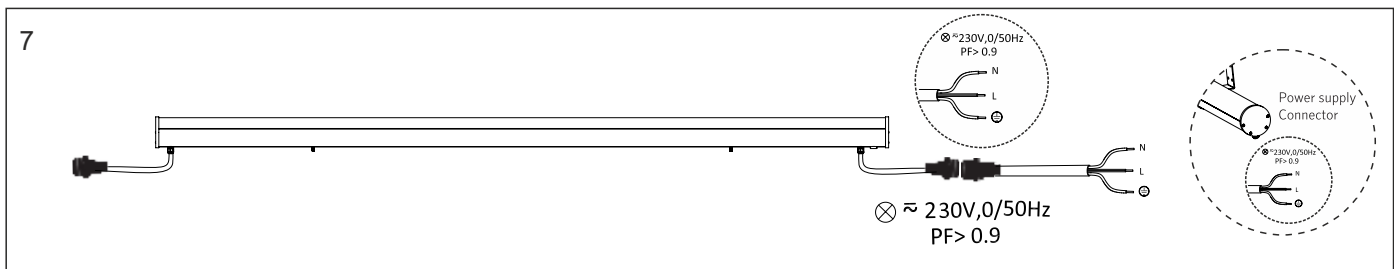
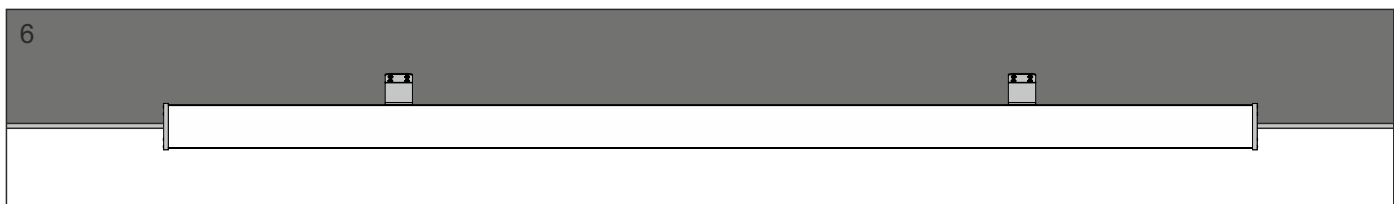
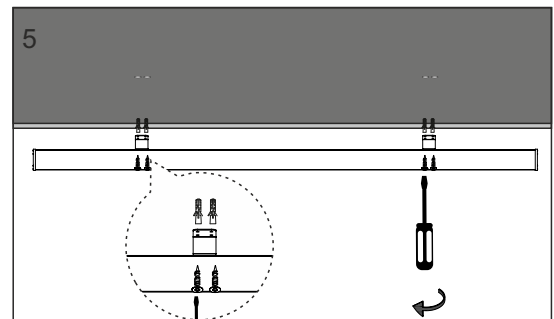
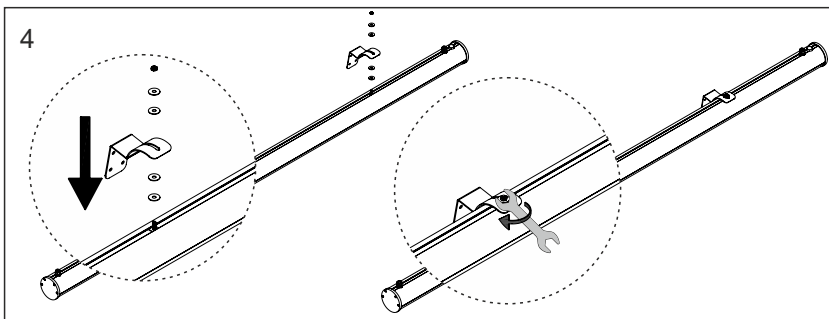
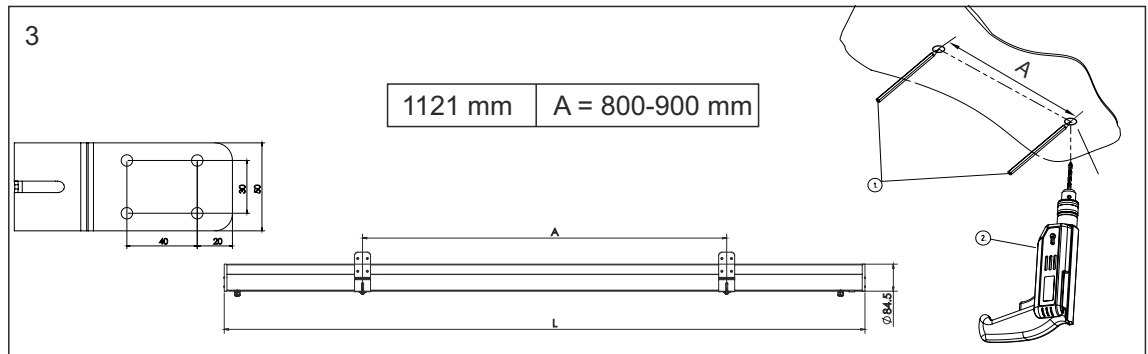
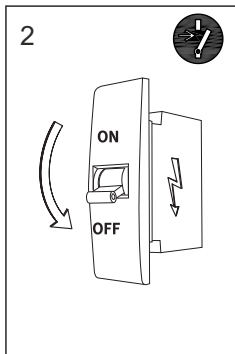
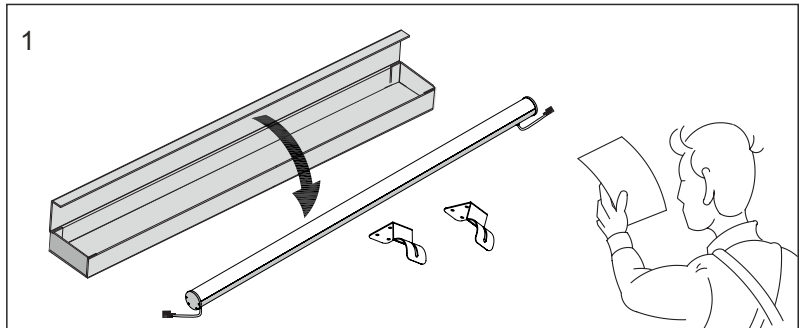
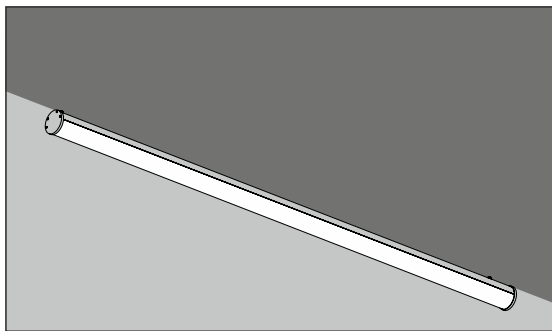
	<ul style="list-style-type: none"> - Nicht über den Hausmüll entsorgen, sondern ordnungsgemäss dem Recycling zuführen. - Ne pas éliminer avec les déchets ménagers mais, comme il se doit, par le circuit de recyclage. - Non smaltire il prodotto con i rifiuti domestici ma riciclarlo secondo le disposizioni normative. - Not to be disposed of with household waste. Please recycle accordingly.
---	---

	<ul style="list-style-type: none"> - Für die Montage die beiliegenden Handschuhe verwenden. - Pour le montage, utiliser les gants ci-joints. - Per il montaggio utilizzare i guanti forniti in dotazione. - Use the gloves provided when installing.
---	--

	<ul style="list-style-type: none"> - Die Lichtquelle dieser Leuchte darf nur vom Hersteller oder einem von ihm beauftragten Servicetechniker oder einer vergleichbar qualifizierten Person ersetzt werden. - La source lumineuse de ce luminaire ne doit être remplacée que par le fabricant ou un technicien de maintenance mandaté par lui ou une personne de même qualification. - La sorgente luminosa di questo apparecchio di illuminazione può essere sostituita solo dal produttore o da un tecnico di servizio da lui nominato o da una persona qualificata equivalente. - The light source of this luminaire may only be replaced by the manufacturer or a service technician appointed by him or an equally qualified person.
---	--

⚠ REINIGUNG UND PFLEGE – NETTOYAGE ET ENTRETIEN – PULIZIA E CURA – CLEANING AND CARE	
DE	Leuchte mit feuchtem, fusselfreiem Tuch reinigen. Nicht scheuern! Bei starker Verschmutzung kann eine schwache Seifenlauge verwendet werden (Spülmittel). Keine Scheuermittel verwenden. Leuchte nicht trocken abreiben, da die entstehende statische Aufladung die Elektronik zerstören kann.
FR	Nettoyer le luminaire avec un chiffon humide non peluchant. Ne pas frotter! En cas de fort encrassement, une solution savonneuse douce peut être utilisée (liquide vaisselle). Ne pas utiliser de produits abrasifs. Ne pas frotter le luminaire à sec, car cela génère une charge électrostatique qui peut détruire les composants électroniques.
IT	Pulire l'apparecchio di illuminazione con un panno umido, privo di pelucchi. Non sfregare! Se l'apparecchio è molto sporco si può utilizzare una soluzione di sapone molto diluita (detersivo per piatti). Non usare abrasivi. Non strofinare l'apparecchio a secco in quanto la carica elettrostatica che ne deriva può distruggere i componenti elettronici.
EN	Wipe the luminaire with a damp, lint-free cloth. Do not rub hard! In the case of severe soiling, mild soapy water may be used (washing-up liquid). Do not use abrasive agents. Do not rub the luminaire dry, since the resulting static charging may destroy the electronics.

Surface Mounting instruction



OT FIT 75/220-240/550 D NFC L (NEW)

OPTOTRONIC FIT D NFC L | Linear / Area Constant Current – Non dimmable

Product family features

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 550 mA
- Non-isolated drivers



Product family benefits

- Flexible and future-proof current setting via NFC (Near Field Communication)
- Lifetime: up to 100,000 h (temperature at $T_c = 65^\circ\text{C}$, max. 10 % failure rate)
- High quality of light thanks to <1% output ripple current
- Very high efficiency
- Fulfill safety requirement due to overload, overtemperature protection

Areas of application

- Linear lighting for office, education, industry, storage areas and retail
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for installation in emergency lighting systems according to EN 60598-2-22
- Suitable for luminaires of protection class I

Technical data

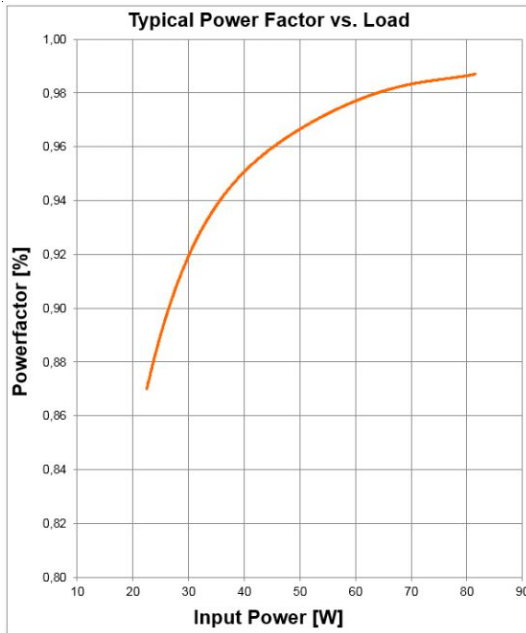
Electrical data

Nominal input voltage	220...240 V
Mains frequency	0/50/60 Hz
Input voltage AC	198...264 V
Input voltage DC	176...276 V
Total harmonic distortion	< 10 %
Power factor λ	0.67C...0.98
Efficiency in full-load	94 % ¹⁾
Device power loss	7.0 W
Networked standby power	not relevant
Inrush current	41 A
Max. ECG no. on circuit breaker 10 A (B)	16
Max. ECG no. on circuit breaker 16 A (B)	26
Surge capability (L-N)	1 kV
Surge capability (L/N-Ground)	2 kV
Protective conductor current	0.36 mA
Nominal output voltage	54...216 V
U-OUT (working voltage)	< 250 V
Nominal output current	125...550 mA ²⁾
Default output current	125 mA
Output current tolerance	± 3 %
Output ripple current (100 Hz)	< 1 %
Output PSTLM	≤ 1
Output SVM	≤ 0.4
Nominal output power	10...75 W
Maximum output power	75 W

1) at 230 V, 50 Hz

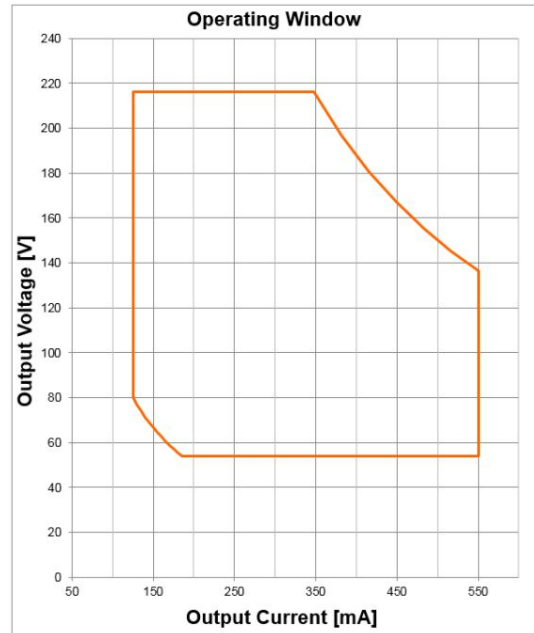
2) Factory setting: 125 mA

Typical Power Factor v Load



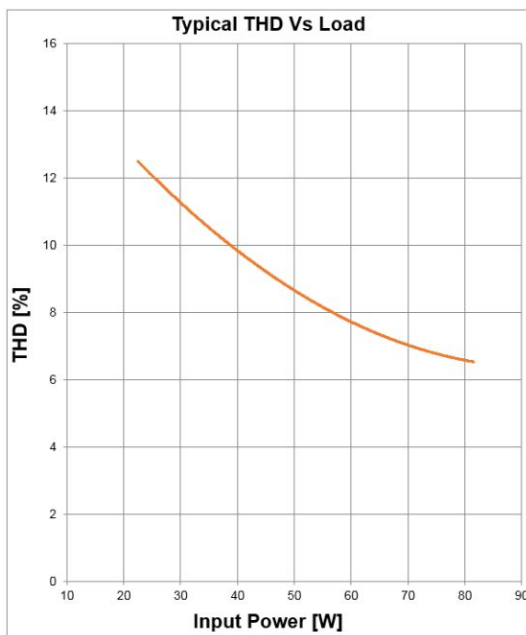
OT FIT 75/220-240/550 D NFC L Typical Power Factor vs. Load

Operating Window



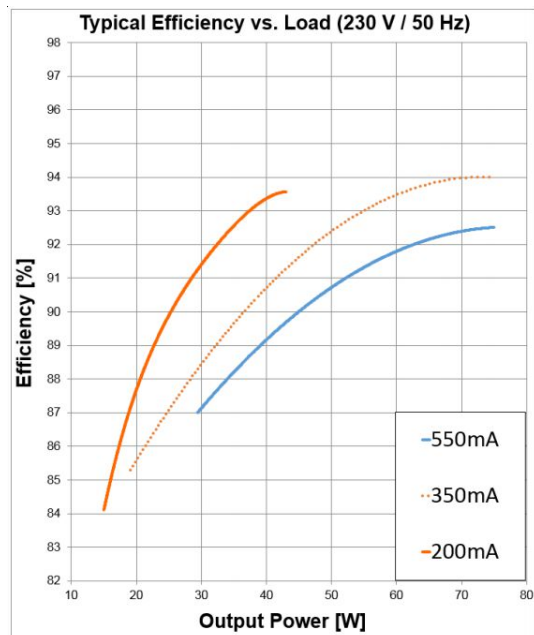
OT FIT 75/220-240/550 D NFC L Operating Window

Typical THD v Load



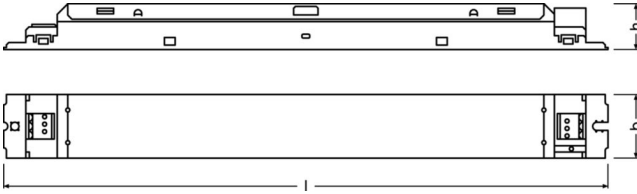
OT FIT 75/220-240/550 D NFC L Typical THD Vs Load

Typical Efficiency v Load 230 V 50 Hz



OT FIT 75/220-240/550 D NFC L Typical Efficiency vs. Load (230 V / 50 Hz)

Dimensions & weight



Product weight	203.00 g
Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	8.0...9.0 mm
Wire preparation length, output side	8.0...9.0 mm

Colors & materials

Casing material	Metal
------------------------	-------

Temperatures & operating conditions

Ambient temperature range	-25...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h / 100000 h ¹⁾
---------------------	----------------------------------

1) At maximum $T_c = 75^\circ\text{C}$ / 10% failure rate / At $T_c = 65^\circ\text{C}$ / 10% failure rate

Capabilities

Programming interface	NFC
Dimmable	No
Constant lumen function	No
Max. cable length to lamp/LED module	2.0 m ¹⁾
Suitable for fixtures with prot. class	I
Suitable for emergency lighting	Yes
Type of connection, input side	Push terminal
Type of connection, output side	Push terminal
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) Output wires must be routed as close as possible to each other

Programming

Tuner4TRONIC	Yes
Tuner4TRONIC Field App	Yes
Box programming	Yes

Certificates & standards

Approval marks – approval	CE / EL / VDE-ENEC / EAC / CCC / BIS / RCM
Standards	Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 62384 / Acc. to EN 61000-3-2 / Acc. to EN 61000-3-3 / Acc. to EN 61547
Type of protection	IP20

Logistical data

Commodity code	85044083900
----------------	-------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	17-10-2024
Primary Article Identifier	4052899990180
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Download Data

File		
Certificates	PDF	▶ OT ENEC 40038085 230824
Certificates	PDF	▶ EATON(CEAG)-Conformity declaration AM10971 OT FIT 75/220-240/550 D NFC L
Certificates	PDF	▶ INOTEC-Conformity declaration AM10971 OT FIT 75/220-240/550 D NEC L
CAD data 3-dim	Compressed	▶ OT FIT D NFC L CAD3PDF 251119
CAD data 2-dim	Compressed	▶ OT FIT D NFC L CAD2PDF 251119
CAD data	Compressed	▶ OT FIT D NFC L IGS 251119
CAD data	Compressed	▶ OT FIT D NFC L STEP 251119
Mandatory Publications	PDF	▶ OT FIT D NFC L UK DoC 4281277 02 080923
Mandatory Publications	PDF	▶ OT FIT D NFC L CE 3694918 161023
User instruction	PDF	▶ OPTOTRONIC LED Power Supply

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899990180	OT FIT 75/220-240/550 D NFC L	Shipping carton box 20 Pieces	303 x 159 x 105 mm	5.06 dm ³	209.35 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit

Accessories Optional

Product description	Accessory name	Accessory code
OT FIT 75/220-240/550 D NFC L	PRH101 -USB	▶ 6977078996938
OT FIT 75/220-240/550 D NFC L	CPR30 -USB	▶ 6977078996945

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

OT FIT 35/220-240/350 D NFC L (NEW)

OPTOTRONIC FIT D NFC L | Linear / Area Constant Current – Non dimmable

Product family features

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 550 mA
- Non-isolated drivers



Product family benefits

- Flexible and future-proof current setting via NFC (Near Field Communication)
- Lifetime: up to 100,000 h (temperature at $T_c = 65\text{ }^\circ\text{C}$, max. 10 % failure rate)
- High quality of light thanks to <1% output ripple current
- Very high efficiency
- Fulfill safety requirement due to overload, overtemperature protection

Areas of application

- Linear lighting for office, education, industry, storage areas and retail
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for installation in emergency lighting systems according to EN 60598-2-22
- Suitable for luminaires of protection class I

Technical data

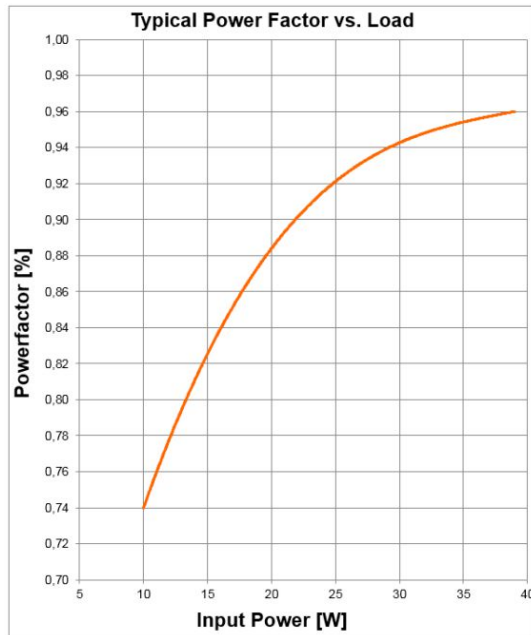
Electrical data

Nominal input voltage	220...240 V
Mains frequency	0/50/60 Hz
Input voltage AC	198...264 V
Input voltage DC	176...276 V
Total harmonic distortion	< 10 %
Power factor λ	0.65C...0.97
Efficiency in full-load	91 % ¹⁾
Device power loss	4.0 W
Networked standby power	not relevant
Inrush current	30 A
Max. ECG no. on circuit breaker 10 A (B)	19
Max. ECG no. on circuit breaker 16 A (B)	30
Surge capability (L-N)	1 kV
Surge capability (L/N-Ground)	2 kV
Protective conductor current	0.39 mA
Nominal output voltage	54...216 V
U-OUT (working voltage)	< 250 V
Nominal output current	75...350 mA ²⁾
Default output current	75 mA
Output current tolerance	± 3 %
Output ripple current (100 Hz)	< 1 %
Output PSTLM	≤ 1
Output SVM	≤ 0.4
Nominal output power	6.1...35 W
Maximum output power	35 W

1) at 230 V, 50 Hz

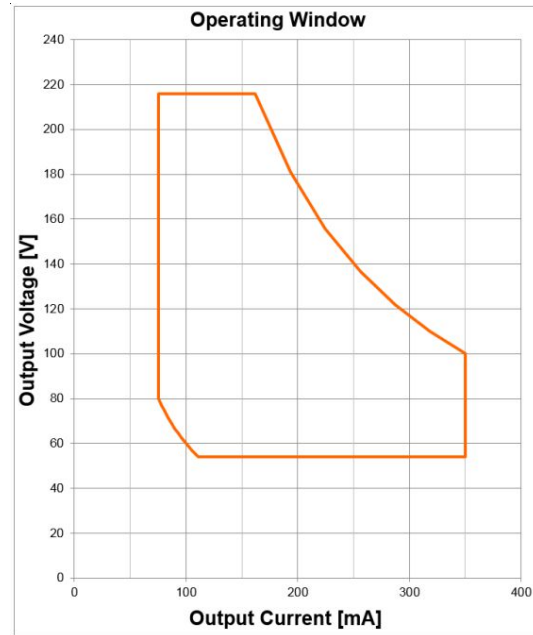
2) Factory setting: 75 mA

Typical Power Factor v Load



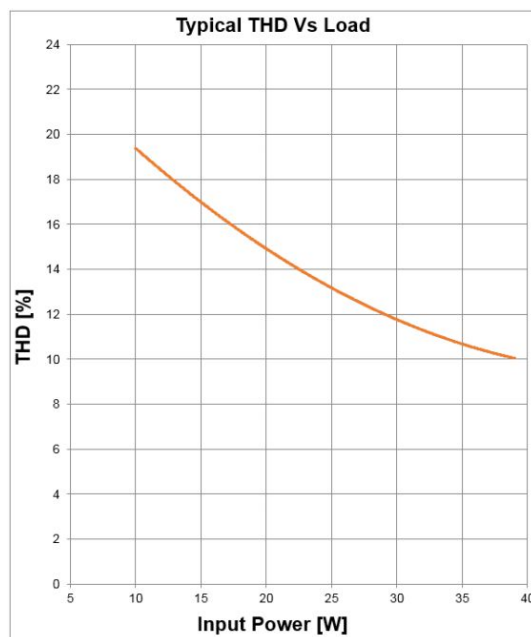
OT FIT 35/220-240/350 D NFC L Typical Power Factor vs. Load

Operating Window



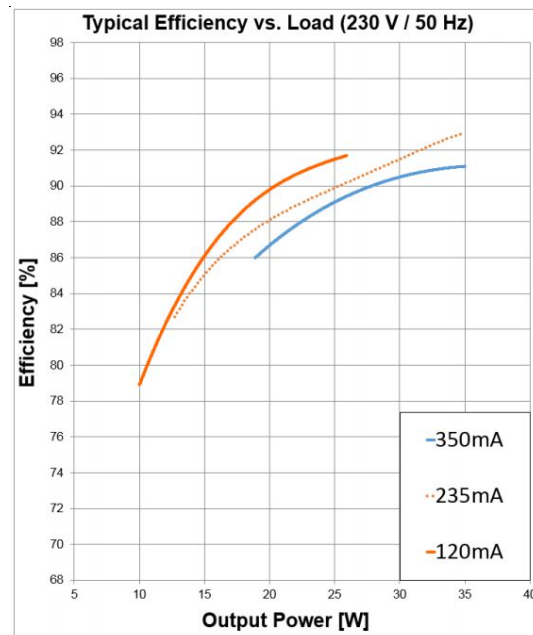
OT FIT 35/220-240/350 D NFC L Operating Window

Typical THD v Load



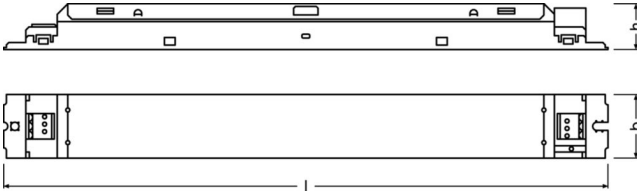
OT FIT 35/220-240/350 D NFC L Typical THD Vs Load

Typical Efficiency v Load 230 V 50 Hz



OT FIT 35/220-240/350 D NFC L Typical Efficiency vs. Load (230 V / 50 Hz)

Dimensions & weight



Product weight	185.00 g
Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	8.0...9.0 mm
Wire preparation length, output side	8.0...9.0 mm

Colors & materials

Casing material	Metal
------------------------	-------

Temperatures & operating conditions

Ambient temperature range	-25...+60 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h / 100000 h ¹⁾
---------------------	----------------------------------

1) At maximum $T_c = 75^\circ\text{C}$ / 10% failure rate / At $T_c = 65^\circ\text{C}$ / 10% failure rate

Additional product data

Encapsulated	No
---------------------	----

Capabilities

Programming interface	NFC
Dimmable	No
Constant lumen function	No
Max. cable length to lamp/LED module	2.0 m ¹⁾
Suitable for fixtures with prot. class	I
Suitable for emergency lighting	Yes
Type of connection, input side	Push terminal
Type of connection, output side	Push terminal
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) Output wires must be routed as close as possible to each other

Programming

Tuner4TRONIC	Yes
Tuner4TRONIC Field App	Yes
Box programming	Yes

Certificates & standards

Approval marks – approval	CE / EL / VDE-ENEC / EAC / CCC / BIS / RCM
Standards	Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 62384 / Acc. to EN 61000-3-2 / Acc. to EN 61000-3-3 / Acc. to EN 61547
Type of protection	IP20

Logistical data

Commodity code	85044083900
----------------	-------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	17-10-2024
Primary Article Identifier	4052899990166
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Download Data

File		
Certificates	PDF	▶ OT ENEC 40038085 230824
Certificates	PDF	▶ EATON(CEAG)-Conformity declaration AM10972 OT FIT 35/220-240/350 D NFC L
Certificates	PDF	▶ INOTEC-Conformity declaration AM10972 OT FIT 35/220-240/350 D NFC L
CAD data 3-dim	Compressed	▶ OT FIT D NFC L CAD3PDF 251119
CAD data 2-dim	Compressed	▶ OT FIT D NFC L CAD2PDF 251119
CAD data	Compressed	▶ OT FIT D NFC L IGS 251119
CAD data	Compressed	▶ OT FIT D NFC L STEP 251119
Mandatory Publications	PDF	▶ OT FIT D NFC L UK DoC 4281277 02 080923
Mandatory Publications	PDF	▶ OT FIT D NFC L CE 3694918 161023
User instruction	PDF	▶ OPTOTRONIC LED Power Supply

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899990166	OT FIT 35/220-240/350 D NFC L	Shipping carton box 20 Pieces	305 x 161 x 104 mm	5.11 dm ³	193.85 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit

Accessories Optional

Product description	Accessory name	Accessory code
OT FIT 35/220-240/350 D NFC L	PRH101 -USB	▶ 6977078996938
OT FIT 35/220-240/350 D NFC L	CPR30 -USB	▶ 6977078996945

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.