

QTP-OPTIMAL 1X54...58

QUICKTRONIC PROFESSIONAL OPTIMAL | ECG for FL and CFL, not dimmable

Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Modernization of existing systems

Product benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Automatic restart after lamp replacement
- Perfect lamp start for applications with motion sensors
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

Product features

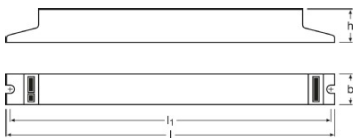
- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz, 50 Hz...60 Hz
- Lamp start with optimum filament preheating
- Lifetime: up to 100,000 h (temperature at $T_c = 65^\circ\text{C}$, max. 10 % failure rate)
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
DC voltage	176...276 V
Operating frequency	40...50 kHz

Dimensions & weight



Product line drawing

Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	180.00 g

Temperatures

Ambient temperature range	-20...+50 °C
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Capabilities

Dimmable	No
Suitable for fixtures with prot. class	I / II
End of lamp life safety shutdown	EOL T.2

Certificates & standards

Approval marks – approval	EL / VDE / ENEC 10 / VDE-EMC
EEI – Energy Label	A2 BAT

Product datasheet

Download Data

File	
	Product Family Datasheet Familiendatenblatt QTP-Optimal
	Certificates ENEC QTP-Optimal
	Certificates EMC QTP-Optimal
	Certificates CE QTP-Optimal
	Certificates QTP-OPTIMAL VDE Certificate

Disclaimer

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

Product datasheet

Lamp-ECG combination (System)

Product name	Lamp group	Nominal wattage	Nominal wattage + Power loss	Luminous flux at 35 °C	Ambient temperature range [PIM]	Number of lighting outlets	Nominal current
QTP-OPTIMAL 1x54-58	DULUX L 55 W CONSTANT	50 W	50.00 W	4800 lm	-20...+50 °C	1	
	DULUX L 55 W XT	50 W	50.00 W	4800 lm	-20...+50 °C	1	
	DULUX L 55 W	50 W	50.00 W	4800 lm	-20...+50 °C	1	0.24 A
	HO 50 W ES	50 W	54.00 W	4450 lm	-20...+50 °C	1	0.26 A
	HO 54 W CONSTANT	50 W	54.00 W	4450 lm	-20...+50 °C	1	
	HO 54 W XT	50 W	54.00 W	4450 lm	-20...+50 °C	1	
	HO 54 W	50 W	54.00 W	4450 lm	-20...+50 °C	1	0.26 A
	L 58 W XT	50 W	54.00 W	5000 lm	-20...+50 °C	1	
	L 58 W XXT	50 W	54.00 W	5000 lm	-20...+50 °C	1	
	L 58 W	50 W	54.00 W	5000 lm	-20...+50 °C	1	0.25 A

Lamp group	Product name	EAN
DULUX L 55 W CONSTANT	DULUX L 55W/840 CONSTANT 2G11	-

Lamp group	Product name	EAN
DULUX L 55 W XT	DULUX L 55 W/830 XT	-
	DULUX L 55 W/840 XT	-

Lamp group	Product name	EAN
DULUX L 55 W	DULUX L 55W/827 2G11	-

Product datasheet

Lamp group	Product name	EAN
	DULUX L 55W/830 2G11	-
	DULUX L 55W/835 2G11	-
	DULUX L 55W/840 2G11	-
	DULUX L 55W/865 2G11	-

Lamp group	Product name	EAN
HO 50 W ES	HO 50 W/827 ES	-
	HO 50 W/830 ES	-
	HO 50 W/840 ES	-
	HO 50 W/865 ES	-

Lamp group	Product name	EAN
HO 54 W CONSTANT	HO 54 W/830 CONSTANT	-
	HO 54 W/840 CONSTANT	-
	HO 54 W/865 CONSTANT	-

Lamp group	Product name	EAN
HO 54 W XT	HO 54 W/827 XT	-
	HO 54 W/830 XT	-
	HO 54 W/840 XT	-
	HO 54 W/865 XT	-

Lamp group	Product name	EAN
HO 54 W	HO 54 W/827	-

Product datasheet

Lamp group	Product name	EAN
	HO 54 W/830	-
	HO 54 W/835	-
	HO 54 W/840	-
	HO 54 W/865	-
	HO 54 W/880	-

Lamp group	Product name	EAN
L 58 W XT	L 58W/830 XT	-
	L 58W/840 XT	-
	L 58W/865 XT	-

Lamp group	Product name	EAN
L 58 W XXT	L 58W/830 XXT	-
	L 58W/840 XXT	-
	L 58W/865 XXT	-

Lamp group	Product name	EAN
L 58 W	L 58W/827	-
	L 58W/830	-
	L 58W/835	-
	L 58W/840	-
	L 58W/865	-
	L 58W/880	-