

QTP-OPTIMAL 1X18...40

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

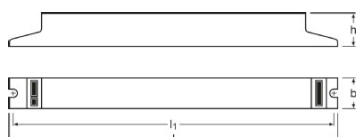
- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz, 50 Hz...60 Hz
- Lamp start with optimum filament preheating
- Lifetime: up to 100,000 h (temperature at $T_c = 65 \text{ }^\circ\text{C}$, max. 10 % failure rate)
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown 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
---------------------------	--------------

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
EEL – Energy Label	A2

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 current	Nominal wattage	Nominal wattage + Power loss	Luminous flux at 35 °C	Ambient temperature range [PIM]	Number of lighting outlets	
QTP-OPTIMAL 1x18-40	DULUX F 18 W	0.08 A	16 W	18.00 W	1050 lm	-20...+50 °C	1	
	DULUX F 24 W	0.12 A	22 W	25.00 W	1650 lm	-20...+50 °C	1	
	DULUX F 36 W	0.15 A	32 W	34.00 W	2700 lm	-20...+50 °C	1	
	DULUX L 18 W XT	0.09 A	16 W	19.00 W	1150 lm	-20...+50 °C	1	
	DULUX L 18 W	0.09 A	16 W	19.00 W	1150 lm	-20...+50 °C	1	
	DULUX L 24 W XT	0.12 A	22 W	27.00 W	1750 lm	-20...+50 °C	1	
	DULUX L 24 W	0.12 A	22 W	27.00 W	1750 lm	-20...+50 °C	1	
	DULUX L 36 W XT	0.16 A	22 W	29.00 W	2800 lm	-20...+50 °C	1	
	DULUX L 36 W	0.16 A	22 W	35.00 W	2800 lm	-20...+50 °C	1	
	DULUX L 40 W CONSTANT	0.20 A	40 W	44.00 W	3500 lm	-20...+50 °C	1	
	DULUX L 40 W	0.20 A	40 W	44.00 W	3500 lm	-20...+50 °C	1	
	HO 24 W CONSTANT	0.13 A	23 W	28.00 W	1900 lm	-20...+50 °C	1	
	HO 24 W	0.13 A	23 W	28.00 W	1750 lm	-20...+50 °C	1	
	HO 39 W CONSTANT	0.13 A	38 W	41.00 W	3400 lm	-20...+50 °C	1	
	HO 39 W	0.13 A	38 W	41.00 W	3100 lm	-20...+50 °C	1	
	L 15 W			13.5 W	13.50 W	950 lm	-20...+50 °C	1
	L 16 W ES					1100 lm	-20...+50 °C	1
	L 18 W U					1100 lm	-20...+50 °C	1
	L 18 W XT	0.10 A		16 W	20.00 W	1350 lm	-20...+50 °C	1

Product datasheet

Product name	Lamp group	Nominal current	Nominal wattage	Nominal wattage + Power loss	Luminous flux at 35 °C	Ambient temperature range [PIM]	Number of lighting outlets
	L 18 W XXT	0.10 A	16 W	20.00 W	1350 lm	-20...+50 °C	1
	L 18 W	0.10 A	16 W	20.00 W	1350 lm	-20...+50 °C	1
	L 30 W	0.15 A	32 W	36.00 W	2850 lm	-20...+50 °C	1
	L 32 W ES	0.15 A	32 W	36.00 W	2500 lm	-20...+50 °C	1
	L 36 W -1		32 W	36.00 W	3100 lm	-20...+50 °C	1
	L 36 W XT	0.16 A	32 W	36.00 W	3200 lm	-20...+50 °C	1
	L 36 W XXT	0.16 A	32 W	36.00 W	3200 lm	-20...+50 °C	1
	L 36 W	0.16 A	32 W	36.00 W	3200 lm	-20...+50 °C	1

Lamp group	Product name	EAN
DULUX F 18 W	DULUX F 18W/827 2G10	-
	DULUX F 18W/830 2G10	-
	DULUX F 18W/840 2G10	-

Lamp group	Product name	EAN
DULUX F 24 W	DULUX F 24W/827 2G10	-
	DULUX F 24W/830 2G10	-
	DULUX F 24W/840 2G10	-

Lamp group	Product name	EAN
DULUX F 36 W	DULUX F 36W/827 2G10	-
	DULUX F 36W/830 2G10	-

Product datasheet

Lamp group	Product name	EAN
	DULUX F 36W/840 2G10	-

Lamp group	Product name	EAN
DULUX L 18 W XT	DULUX L 18 W/830 XT	-
	DULUX L 18 W/840 XT	-

Lamp group	Product name	EAN
DULUX L 18 W	DULUX L 18 W/840 SP 2G11	-
	DULUX L 18W/827 2G11	-
	DULUX L 18W/830 2G11	-
	DULUX L 18W/830 SP 2G11	-
	DULUX L 18W/835 2G11	-
	DULUX L 18W/840 2G11	-

Lamp group	Product name	EAN
DULUX L 24 W XT	DULUX L 24 W/830 XT	-
	DULUX L 24 W/840 XT	-

Lamp group	Product name	EAN
DULUX L 24 W	DULUX L 24W/827 2G11	-
	DULUX L 24W/830 2G11	-
	DULUX L 24W/830 SP 2G11	-
	DULUX L 24W/835 2G11	-
	DULUX L 24W/840 2G11	-

Product datasheet

Lamp group	Product name	EAN
	DULUX L 24W/840 SP 2G11	-

Lamp group	Product name	EAN
DULUX L 36 W XT	DULUX L 36 W/830 XT	-
	DULUX L 36 W/840 XT	-

Lamp group	Product name	EAN
DULUX L 36 W	DULUX L 36 W/830 SP	-
	DULUX L 36 W/840 SP	-
	DULUX L 36W/827 2G11	-
	DULUX L 36W/830 2G11	-
	DULUX L 36W/835 2G11	-
	DULUX L 36W/840 2G11	-
	DULUX L 36W/865 2G11	-
	DULUX L 36W/880 2G11	-

Lamp group	Product name	EAN
DULUX L 40 W CONSTANT	DULUX L 40W/840 CONSTANT 2G11	-

Lamp group	Product name	EAN
DULUX L 40 W	DULUX L 40W/827 2G11	-
	DULUX L 40W/830 2G11	-
	DULUX L 40W/835 2G11	-
	DULUX L 40W/840 2G11	-

Product datasheet

Lamp group	Product name	EAN
	DULUX L 40W/865 2G11	-
	DULUX L 40W/880 2G11 SKYWHITE	-

Lamp group	Product name	EAN
HO 24 W CONSTANT	HO 24 W/830 CONSTANT	-
	HO 24 W/840 CONSTANT	-
	HO 24 W/865 CONSTANT	-

Lamp group	Product name	EAN
HO 24 W	HO 24 W/827	-
	HO 24 W/830	-
	HO 24 W/835	-
	HO 24 W/840	-
	HO 24 W/865	-
	HO 24 W/880	-

Lamp group	Product name	EAN
HO 39 W CONSTANT	HO 39 W/830 CONSTANT	-
	HO 39 W/840 CONSTANT	-
	HO 39 W/865 CONSTANT	-

Lamp group	Product name	EAN
HO 39 W	HO 39 W/827	-
	HO 39 W/830	-

Product datasheet

Lamp group	Product name	EAN
	HO 39 W/840	-
	HO 39 W/865	-
	HO 39 W/880	-

Lamp group	Product name	EAN
L 15 W	L 15W/827	-
	L 15W/830	-
	L 15W/840	-
	L 15W/865	-

Lamp group	Product name	EAN
L 16 W ES	L 16 W/830 ES	-
	L 16 W/840 ES	-

Lamp group	Product name	EAN
L 18 W U	L 18 W/840 U	-
	L 18W/830 U	-

Lamp group	Product name	EAN
L 18 W XT	L 18W/830 XT	-
	L 18W/840 XT	-
	L 18W/865 XT	-

Product datasheet

Lamp group	Product name	EAN
L 18 W XXT	L 18W/830 XXT	-
	L 18W/840 XXT	-
	L 18W/865 XXT	-

Lamp group	Product name	EAN
L 18 W	L 18W/827	-
	L 18W/830	-
	L 18W/835	-
	L 18W/840	-
	L 18W/865	-
	L 18W/880	-

Lamp group	Product name	EAN
L 30 W	L 30W/827	-
	L 30W/830	-
	L 30W/840	-
	L 30W/865	-
	L 30W/880 SKYWHITE	-

Lamp group	Product name	EAN
L 32 W ES	L 32W/830 ES	-
	L 32W/840 ES	-

Product datasheet

Lamp group	Product name	EAN
L 36 W -1	L 36 W/830-1	-
	L 36W/827-1	-
	L 36W/840-1	-

Lamp group	Product name	EAN
L 36 W XT	L 36W/830 XT	-
	L 36W/840 XT	-
	L 36W/865 XT	-

Lamp group	Product name	EAN
L 36 W XXT	L 36W/830 XXT	-
	L 36W/840 XXT	-
	L 36W/865 XXT	-

Lamp group	Product name	EAN
L 36 W	L 36 W/830-1	-
	L 36W/827	-
	L 36W/827-1	-
	L 36W/830	-
	L 36W/835	-
	L 36W/840	-
	L 36W/840-1	-
	L 36W/865	-

Product datasheet

Lamp group	Product name	EAN
	L 36W/880	-