

## QTP-OPTIMAL 2X54...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  $T_c = 65\text{ °C}$ , 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

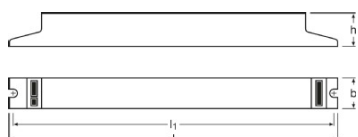
---

### 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	360.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	350.0 mm
Product weight	239.90 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 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 2x54-58	DULUX L 55 W CONSTANT	98 W	98.00 W	4800 lm	-20...+50 °C	2	
	DULUX L 55 W XT	98 W	98.00 W	4800 lm	-20...+50 °C	2	
	DULUX L 55 W	98 W	98.00 W	4800 lm	-20...+50 °C	2	0.24 A
	HO 50 W ES	100 W	107.00 W	4450 lm	-20...+50 °C	2	
	HO 54 W CONSTANT	100 W	107.00 W	4450 lm	-20...+50 °C	2	
	HO 54 W XT	100 W	107.00 W	4450 lm	-20...+50 °C	2	
	HO 54 W	100 W	107.00 W	4450 lm	-20...+50 °C	2	0.26 A
	L 58 W XT	100 W	107.00 W	5000 lm	-20...+50 °C	2	
	L 58 W XXT	100 W	107.00 W	5000 lm	-20...+50 °C	2	
	L 58 W	100 W	107.00 W	5000 lm	-20...+50 °C	2	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	-