

RESOLUX

The energy saving lights of this series which are already successfully introduced to the market are now substantially improved by a newly developed PCB. The entire control is now built by SMD-technology and powerful filters are used to lower interference and increase the safety of operation. The flicker-free soft start controlled by electronics enlarges the switching frequency rate. Improved electronic parts decrease losses and increase the durability of PC-board and compact lamp. The intelligent PC-board detects critical operational conditions and will switch off the compact lamp if necessary. The compact lamp will operate at its optimum by automatic control. A constant luminous energy during minimum to maximum operating voltage, as well as undervoltage, secures long durability for the compact lamp. The low-loss polarity reversal protection also is a new addition. All luminaires can be used at high switching frequency rates as well as long operation times. The durability of the compact lamp is about 8000 h. All luminaires are built according to CE-certification. A high radio interference suppression according to VDE 087 B is standard. This is more than required by CE-Certification. The ground sheet is made of aluminium and is white powder-coated. The prismatic cover is made of temperature- and UV-resistant PMMA.

Due to these improvements our tradition of high-grade products continues, which guarantees reliability as well as quality.

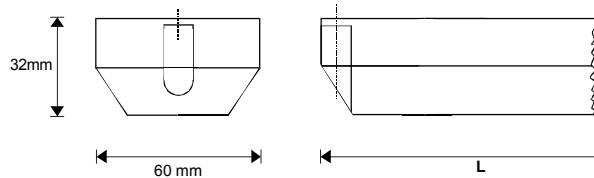
Daten:

Voltage range 12 Volt: 10,5 Volt bis 15,0 Volt DC
Voltage range 24 Volt: 21,0 Volt bis 29,0 Volt DC
Operating frequency: 33 kHz
Crestfactor: < 1,48
Heat time: ca. 2 sek.
Heat frequency: ca. 52 kHz

Open circuit power consumption: < 100 mA

Power consumption after turnoff: < 10 mA

Resolux 100-153:



Order No	Volt	Watt	Length	Current consumption	Comparable incandescent bulb
10012-1N0	12	5	185 mm	510 mA	25 Watt
10024-1N0	24	5	185 mm	250 mA	25 Watt
10112-1N0	12	7	212 mm	650 mA	40 Watt
10124-1N0	24	7	212 mm	320 mA	40 Watt
10212-1N0	12	9	245 mm	820 mA	60 Watt
10224-1N0	24	9	245 mm	390 mA	60 Watt
15012-1N0	12	2 x 5	300 mm	1020 mA	2 x 25 Watt
15024-1N0	24	2 x 5	300 mm	500 mA	2 x 25 Watt
15112-1N0	12	2 x 7	378 mm	1300 mA	2 x 40 Watt
15124-1N0	24	2 x 7	378 mm	640 mA	2 x 40 Watt
15312-1N0	12	2 x 11	608 mm	2060 mA	2 x 75 Watt
15324-1N0	24	2 x 11	608 mm	1040 mA	2 x 75 Watt
11212-1N0	12	9	(*)	820 mA	60 Watt
11224-1N0	24	9	(*)	390 mA	60 Watt
12212-1N0	12	8	378 mm	760 mA	40 Watt
12224-1N0	24	8	378 mm	380 mA	40 Watt
12312-1N0	12	13	608 mm	1250 mA	75 Watt
12324-1N0	24	13	608 mm	625 mA	75 Watt

(*) :Masse Einbauleuchte Resolux 112: Aufbaulänge: 283 mm, Aufbaubreite 66 mm, Aufbauhöhe 15 mm, Einbaulänge: 246 mm, Einbaubreite 48 mm, Einbautiefe 20 mm