product data sheet

item no. 83.244.0240.0

Luminaire RST 60VDC 20W LCR RST

energy saving LED-luminaire; pluggable by self-locking round connectors RST 16i3, green coding; for industrial environments (e.g. wind turbines, shafts, machines), working places and emergency light acc. EN 60598-2- 22; orientation independent mounting; typ. 1800 lm; 19,2…60 V DC; 20W; daytime white, 6000 K; integrated reverse polarity-, overload- and shortage protection; Schutzart IP68/IP69K; operating temperature -40…+50 °C (-40… 122 °F); DIN 60598-1;



item no.	83.244.0240.0
EAN	4049088665806
order unit	1 piece(s)

certificates / approvals

c UL us LISTED

technical data

general

mounting method	wall and ceiling
housing material	aluminum
color housing	bare
wiring system	continuous circuit / standby circuit
protection class	I
power supply connection	RST16i3 leaves green

technical data

nominal voltage	24 V
min. input voltage	19.2 V
max. input voltage	60 V
nominal current	
lamp power	20 W
voltage type	DC
light power	1800 lm
Colour rendering index CRI	80-89
Colour of light	tageslichtweiß > 5300 K
Colour temperature	6000 K
degree of protection (IP)	IP65
mode	continuous operation
fuse	2A internal short-circuit protection
reverse polarity protection	yes
emergency lighting characterization	Z1***E
Umgebungstemperatur ta min.	-40 °C
ambient oprating temerature ta max.	50 °C
storage temperature / transport min.	-40 °C
storage temperature / transport max.	80 °C
standards	DIN EN 60598-1DIN EN 60598-2-22

dimensions

length	340 mm

width	100 mm
height	37 mm

accessories

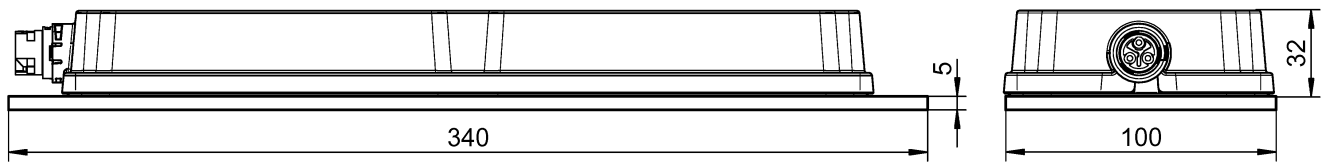
item no.	type	description
06.563.8853.1	cover for male connector SW	RST16i3/2 cover piece, for covering unused male connectors, color black

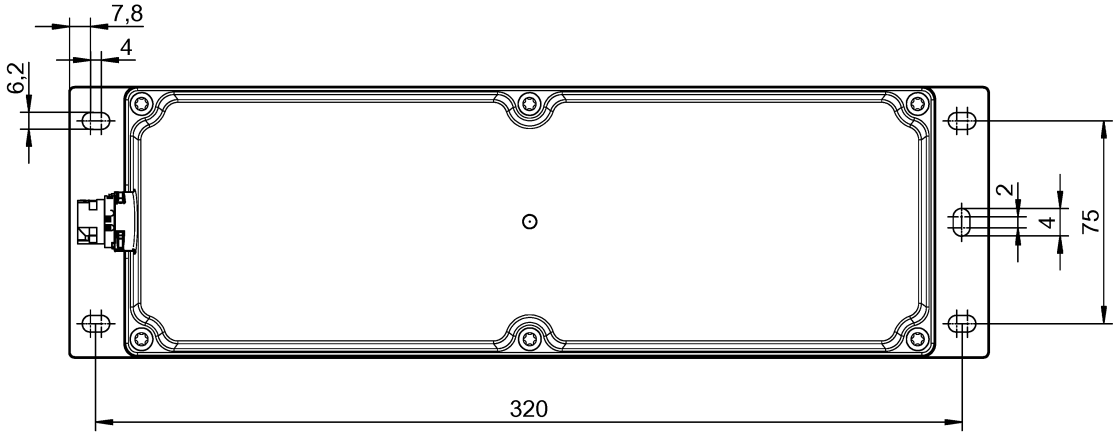
assembly

item no.	type	description
46.031.4555.7	connector RST16I3 S B1 ZT4S GN	RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier leaves green

technical drawing

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Confidentiality Class: Confidential





Teile-Nr. / Part-No.	Typ / Type
99.812.2135.6	60VDC 20W LCR RST
83.244.0240.0	60VDC 20W LCR RST

Weitere Angaben siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance	CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed	1. Verwendung: First Use:	Blatt: Sheet:

Index	Datum / Blatt Date / Sheet	Änderung / Revision	Werkstoff / Material	Maßstab/Scale	2024	Tag/Date	Name
					gezeichnet drawn	06.06.	Koetzner

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.
T 99.812.2135.6 01K

Maße in mm / Dimensions are in mm

Datei / File: 047461__01K.DCD

Ersatz für / Replacement for:

wieland

Type

Benennung / Title: Teilespezifikation / Component specification

podis LED

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