## FlexSQUARE / LED Double Flash Beacon 853 LED Double Flash Beacon BWM 115-230VAC B



Part No.: 853.510.60



## **MECHANICAL DATA**

Length85 mmWidth85 mmHeight72 mmMaterialsPC PP-GFDome colourBlueHousing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum157 gELECTRICAL DATA115-230VOperating voltage frequency 60Hz at 215VOperating voltage frequence+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection class 2Protection class 2Pollution degree3Overvoltage categoryIIIl Isolation voltage1250V; Uimp = 2.500VOPTICAL DATAELED Light sourceLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceELEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLED	MECHANICAL DATA	
Height72 mmMaterialsPC PP-GFDome colourBlueHousing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum+50°CWorking temperature maximum57 gELECTRICAL DATASolHz at 230V 60Hz at 115VOperating voltage115-230VOperating voltage tolerance+/- 10%Rated operational voltage230 VACCRated operational voltage230 VACRated operational current180 mARated operational current180 mARated operational current3Portection classProtection class 2Pollution degree3Overvoltage categoryII Isolation voltageLight sourceLED	Length	85 mm
MaterialsPC PP-GFDome colourBlueHousing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum+50°CWeight with packaging188 gProduct weight157 gELECTRICAL DATA-Operating voltage tolerance+/ 10% 60Hz at 115VOperating voltage tolerance+/ 10% Rated operational voltageRated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALED	Width	85 mm
PP-GFDome colourBlueHousing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum+50°CWeight with packaging188 gProduct weight157 gELECTRICAL DATAOperating voltage tolerance+/ 10% 60Hz at 115VOperating voltage tolerance+/ 10% Rated operational voltageRated operational voltage230 VAC Rated operational voltageRated inrush current7.000 mA Protection classProtection classProtection class 2 Pollution degreeOptical DATA Light sourceLED	Height	72 mm
Housing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum+50°CWeight with packaging188 gProduct weight157 gELECTRICAL DATAOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltage10 = 250V; Uimp = 2.500V	Materials	
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Weight with packaging188 gProduct weight157 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Working temperature minimum	-25°C
Product weight157 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Working temperature maximum	+50°C
Beter the second	Weight with packaging	188 g
Operating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Product weight	157 g
Operating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	ELECTRICAL DATA	
Operating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Operating voltage	115-230V
60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Operating voltage type	AC
Rated operational voltage230 VACRated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Operating voltage frequency	
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Rated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Rated operational voltage	230 VAC
Protection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Rated operational current	180 mA
Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Rated inrush current	7.000 mA
Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLight sourceLED	Protection class	Protection class 2
Isolation voltage Ui = 250V; Uimp = 2.500V OPTICAL DATA Light source LED	Pollution degree	3
OPTICAL DATA Light source LED	Overvoltage category	II
Light source LED	Isolation voltage	Ui = 250V; Uimp = 2.500V
5	OPTICAL DATA	
Light colour Blue	Light source	LED
	Light colour	Blue

For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

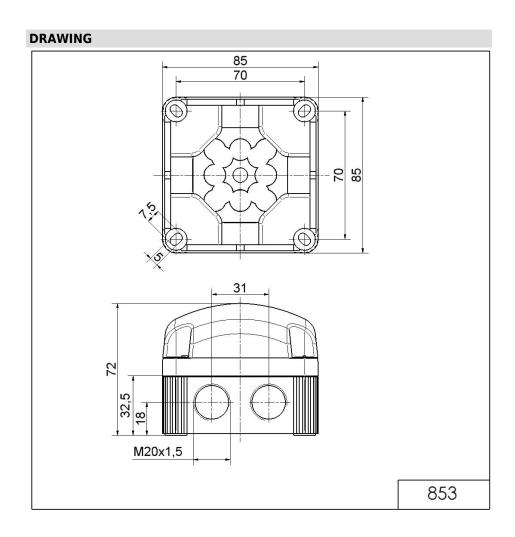
## FlexSQUARE / LED Double Flash Beacon 853 LED Double Flash Beacon BWM 115-230VAC B

Optical signal image	Double flash	
Flash frequency	1 Hz	
Service life optical	50,000 h maximum	
APPROVAL DATA		
Conforms with CE	Yes	
Conforms with RoHS directive	Yes	
WEEE	Yes	
Conforms with ATEX-directive	No	
Conforms with CCC	Yes	
Conforms with UL	No	
Conforms with FCC	No	
Conforms with IC	No	
EAC certificate available	Yes	
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)	
Conforms with AS-I	No	
ICAO Certification	No	
Conforms with DNV	No	
Conforms with RoHS CN	No	
Conforms with VdS	No	

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