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



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Part No.: 853.410.60



## MECHANICAL DATA

Length85 mmWidth85 mmHeight72 mmMaterialsPC PP-GFDome colourClearHousing 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 DATASOHZ at 230V 60Hz at 215VOperating voltage frequency60Hz at 230V 60Hz at 215VOperating voltage tolerance+/ 10%Rated operational voltage230 VACRated operational current180 mA Rated inrush currentRated inrush current7.000 mA Protection class 2Pollution degree3 Overvoltage categoryIIIIIsolation voltage10 i = 250V; Uimp = 2.500VOPTICAL DATALED Light sourceLight sourceLED Light colourKeto operational current10 mA Rated inrush currentRated inrush current7.000 mA Protection class 2Pollution degree3 Covervoltage categoryBilLasolation voltageLight sourceLED Light sourceLight colourWhite	MECHANICAL DATA	
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Housing colourBlackProtection categoryIP66 IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 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 voltage115-230VOperating 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 DATALED	Materials	
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Product weight157 gELECTRICAL DATA115-230VOperating 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
ELECTRICAL 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	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
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Rated operational current180 mARated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLED	Operating voltage tolerance	+/- 10%
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 category     II       Isolation voltage     Ui = 250V; Uimp = 2.500V       OPTICAL DATA     Light source	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
-	OPTICAL DATA	
Light colour White	Light source	LED
	Light colour	White

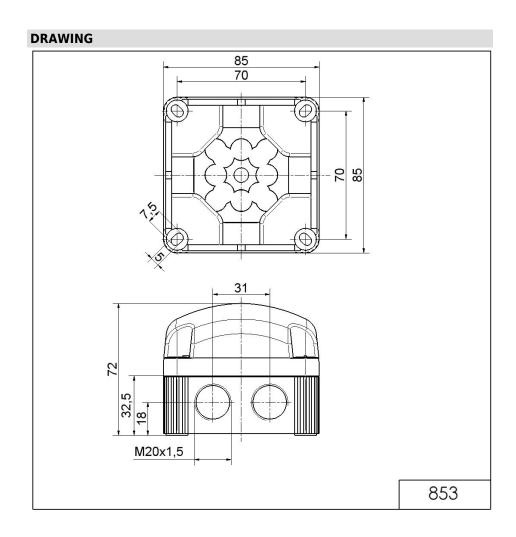
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

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

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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