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



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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 minimum-25°CVorking temperature minimum157 gELECTRICAL DATASOH2 at 230VOperating voltage frequency60Hz at 115VOperating voltage frequence+/- 10%Rated operational voltage230 VACRated operational voltage3Protection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltage1250V; Uimp = 2.500VOPTICAL DATALED Light sourceLight sourceLEDLight sourceLEDLight sourceLEDLight colourBiue	MECHANICAL DATA	
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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 DATAOperating 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 categoryII Isolation voltageLight sourceLED	Width	85 mm
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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 voltage230 VACRated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltage10 = 250V; Uimp = 2.500VOPTICAL DATALED	Materials	
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IP67ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mm d = 6 mmCable entry maximumd = 12 mm d = 9 mmCable entry maximumd = 12 mm d = 9 mmType of fixingBase mounting Wall mountingWorking temperature minimum-25°CWorking temperature maximum+50°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 voltage230 VACRated inrush current7.000 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATA	Housing colour	Black
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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
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	
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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 degree 3 Overvoltage category II Isolation voltage Ui = 250V; Uimp = 2.500V OPTICAL DATA Light source LED	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
5	OPTICAL DATA	
Light colour Blue		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.

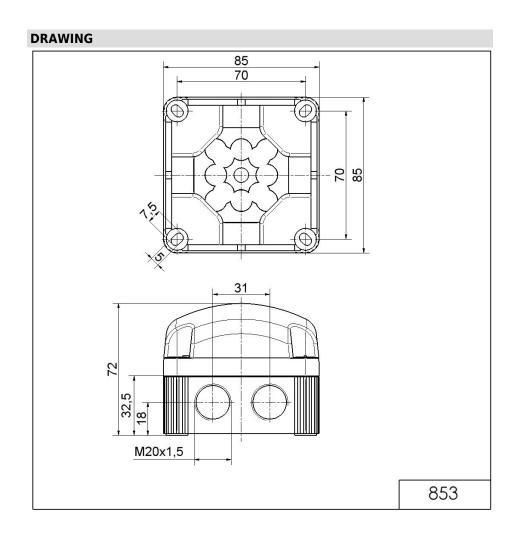
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Optical signal image	Double flash	
Flash frequency	1 Hz	
Service life optical	50,000 h maximum	
APPROVAL DATA		
Conforms with CE	Yes	
Conforms with RoHS directive	Yes	
WEEE	Yes	
Conforms with ATEX-directive	No	
Conforms with CCC	Yes	
Conforms with 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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