PHILIPS Lighting



SportsStar-BVP621/BVP622/ EVP622

BVP621 LED504/NW 480W 220-240V SWB GM

SportsStar-BVP621/BVP622/EVP622, 50400 lm, 480 W, Neutral white, Symmetrical wide beam, 30° x 80°, Safety class I, Mounting bracket adjustable

Philips SportsStar LED Floodlight sets the standard in high quality optical distribution with high performance and low light pollution (or effective light control). From Sports to Area Lighting, our system, including the high masts needed, projects the light exactly where it should be going. Choose the right illumination levels for any given setting with Philips SportsStar LED Floodlight.

Product data

General Information	
Lamp family code	-
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-

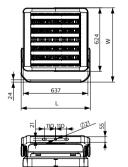
EU RoHS compliant	No
Light Technical	
Luminous Flux	50,400 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105.00 lm/W
Color rendering index (CRI)	70
Light source color	Neutral white
Optical cover type	Polycarbonate micro lens optic
Luminaire light beam spread	30° x 80°

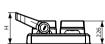
SportsStar-BVP621/BVP622/EVP622

Operating and ElectricalInput Voltage220 to 240 VLine Frequency50 or 60 HzPower Consumption480 WPower Factor (Fraction)0.95ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingAluminum extrudedReflector material-Optica cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mmOverall width520 mm	Optic type outdoor	Symmetrical wide beam
Input Voltage220 to 240 VLine Frequency50 or 60 HzPower Consumption480 WPower Factor (Fraction)0.95ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingDimmableDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingHousing MaterialHousing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover shape-Optical cover finishFrostedOverall length680 mm		
Line Frequency50 or 60 HzPower Consumption480 WPower Factor (Fraction)0.95ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingHousing MaterialAluminum extrudedReflector material-Optic at cover materialSteelHousing ColorWhite and blackMounting bevice-Optical cover shape-Optical cover finishFrostedOptical cover finishFrostedOverall length680 mm	Operating and Electrical	
Power Consumption480 WPower Factor (Fraction)0.95ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingAluminum extrudedReflector material-Optical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Input Voltage	220 to 240 V
Power Factor (Fraction)0.95ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingHousing MaterialAluminum extrudedReflector material-Optical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrosted	Line Frequency	50 or 60 Hz
ConnectionFlying leads/wiresCableCable 1.5 m without plugTemperatureAmbient temperature range-40 to +50 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingHousing MaterialAluminum extrudedReflector materialPolycarbonateOptical cover materialFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOverall length680 mm	Power Consumption	480 W
Cable Cable 1.5 m without plug Temperature	Power Factor (Fraction)	0.95
Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing No Housing Material Aluminum extruded Reflector material - Optical cover material Polycarbonate Fixation material Steel Housing Color White and black Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Optical cover finish Frosted	Connection	Flying leads/wires
Ambient temperature range-40 to +50 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingImage: Constant light outputHousing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOverall length680 mm	Cable	Cable 1.5 m without plug
Ambient temperature range-40 to +50 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingImage: Constant light outputHousing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOverall length680 mm	Temperature	
DimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOptical cover finish680 mm		-40 to +50 °C
DimmableNoDriver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and HousingAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOptical cover finish680 mm		
Driver/power unit/transformerPower supply unit (On/Off)Control interface-Constant light outputNoMechanical and Housing-Housing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOptical cover finish680 mm	Controls and Dimming	
Control interface-Constant light outputNoMechanical and HousingHousing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover finishFrostedOptical cover finish680 mm	Dimmable	No
Constant light outputNoMechanical and HousingHousing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing Housing Material Aluminum extruded Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color White and black Mounting device Mounting bracket adjustable Optical cover finish Frosted Overall length 680 mm	Control interface	-
Housing MaterialAluminum extrudedReflector material-Optic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Constant light output	No
Reflector material-Optic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Mechanical and Housing	
Optic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Housing Material	Aluminum extruded
Optical cover materialPolycarbonateFixation materialSteelHousing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Reflector material	-
Fixation material Steel Housing Color White and black Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 680 mm	Optic material	Polycarbonate
Housing ColorWhite and blackMounting deviceMounting bracket adjustableOptical cover shape-Optical cover finishFrostedOverall length680 mm	Optical cover material	Polycarbonate
Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 680 mm	Fixation material	Steel
Optical cover shape - Optical cover finish Frosted Overall length 680 mm	Housing Color	White and black
Optical cover finish Frosted Overall length 680 mm	Mounting device	Mounting bracket adjustable
Overall length 680 mm	Optical cover shape	-
	Optical cover finish	Frosted
Overall width 520 mm	Overall length	680 mm
	Overall width	520 mm

Overall height	307 mm
Effective projected area	0.42 m²
Dimensions (Height x Width x Depth)	307 x 520 x 680 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential	l) Luminaire surge protection level until 15 kV
	differential mode and 15 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliar	nt)
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BVP621 LED504/NW 480W 220-240V SWB
	GM
Full product name	BVP621 LED504/NW 480W 220-240V SWB
	GM
Full product code	911401825998
Order code	01825998
Material Nr. (12NC)	911401825998
Numerator - Quantity Per Pack	1

Dimensional drawing





SportsStar-BVP621/BVP622/EVP622



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, May 1 - data subject to change