PHILIPS Lighting

For every project where light really matters, a 1:1 retrofit replacement

Coreline tempo medium

Coreline tempo medium delivers on the Coreline promise of innovative, easy to use and high quality floodlighting. A limited range of options makes it easy to find the best lux-for-lux replacement for conventional technologies and direct replacement of 100W and 150W HID lamps . The CoreLine tempo medium offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. Installing the LED flood lighting is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal floodlighting solution for outdoor environments such as industrial/commercial areas, parking lots, etc.

Benefits
- The same light levels as your existing conventional solution while saving on energy
- High quality tempo line flood lights
- Easy to use
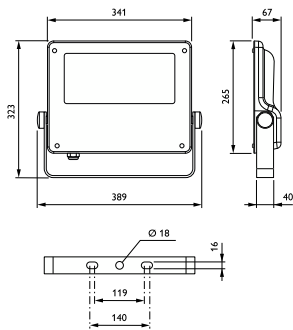- The option of asset management and/or wireless lighting control

Coreline tempo medium

Features

- All standard Ledgine O platform light distributions, lumen packages of 8000 lm and 12000 lm
- Seaside-resistant treatment and swimming pool protection options available
- Long lifetime of 75,000 hours, integrated surge protection, the option of an additional surge protection device, high impact resistance IK08, IP66
- Plug and play installation with 1m cable and IP66 connector, horizontal bracket for pole top mounting
- Ready to be connected to Interact City and Interact Sports recreational thanks to an SR socket

Application

- Indoor multi-purpose gymnasiums and swimming pool
- Outdoor recreational sports fields e.g. basket courts, etc.
- Harbors, airports, parking lots

Dimensional drawing

Product details

Coreline_Tempo_Medium-BVP125_Led120-1DPP.TIF

Coreline_Tempo_Medium-BVP125_Led120-2DPP.TIF

Coreline tempo medium

Product details

Coreline_Tempo_Medium-
BVP125-1DPP.TIF

Coreline_Tempo_Medium-
BVP125-2DPP.TIF

General Information

CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No
Number of gear units	1 unit
Product family code	BVP125

Light Technical

Optical cover type	Flat glass
Color rendering index (CRI)	70
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	Gray

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

General Information

Order Code	Full Product Name	Lamp family code	Service tag
45588000	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	LED80-4S	–
45590300	BVP125 LED80-4S/740 PSU S ALU C1KC3	LED80-4S	–
45587300	BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3	LED120-4S	Yes
45589700	BVP125 LED120-4S/740 PSU S ALU C1KC3	LED120-4S	–
90519400	BVP125 LED120-4S/730 PSU S ALU C1KC3	LED120	–

Light Technical (1/2)

Coreline tempo medium

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
45588000	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	9° – 41° x 102°	740 neutral white	4000 K	8,000 lm
45590300	BVP125 LED80-4S/740 PSU S ALU C1KC3	69° x 25°	740 neutral white	4000 K	8,000 lm
45587300	BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3	9° – 41° x 102°	740 neutral white	4000 K	12,000 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
45589700	BVP125 LED120-4S/740 PSU S ALU C1KC3	69° x 25°	740 neutral white	4000 K	12,000 lm
90519400	BVP125 LED120-4S/730 PSU S ALU C1KC3	69° x 25°	730 warm white	3000 K	12,000 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
45588000	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	Asymmetrical
45590300	BVP125 LED80-4S/740 PSU S ALU C1KC3	Symmetrical
45587300	BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3	Asymmetrical

Order Code	Full Product Name	Optic type outdoor
45589700	BVP125 LED120-4S/740 PSU S ALU C1KC3	Symmetrical
90519400	BVP125 LED120-4S/730 PSU S ALU C1KC3	Symmetrical

Operating and Electrical

Order Code	Full Product Name	Power Consumption
45588000	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	57 W
45590300	BVP125 LED80-4S/740 PSU S ALU C1KC3	57 W
45587300	BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3	90 W

Order Code	Full Product Name	Power Consumption
45589700	BVP125 LED120-4S/740 PSU S ALU C1KC3	90 W
90519400	BVP125 LED120-4S/730 PSU S ALU C1KC3	88 W

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www.lighting.philips.com

2023, December 6 – data subject to change