



CoreLine Tempo – cost-effective solution for area lighting

CoreLine Tempo

CoreLine Tempo is the first outdoor solution in the CoreLine range. Designed to replace conventional installations, it offers lower power consumption and requires less investment. A limited range of options makes it easy to find the best lux-for-lux replacement.

Benefits

- Fast pay-back
- Reliable quality

Features

- Energy-efficient – system delivers over 100 lm/W
- Asymmetrical and symmetrical optics
- Philips-branded

Application

- Industrial areas
- Parking lots
- Building façades
- Billboards

Specifications

Type	BVP120
Light source	Integral LED-module
Power	40, 80, 120 W
Luminous flux	4000, 8000, 12,000 lm

Luminaire efficacy	100 lm/W
Correlated Color	4000 K
Temperature	
Color Rendering Index	80

CoreLine Tempo

Maintenance of lumen output - L80F10	50,000 hours
Operating temperature range	-20 to +35 °C
Driver	Integrated
Mains voltage	220-240 V / 50-60 Hz
Inrush current	32-45 A depending on configuration
Dimming	Not dimmable
Optic	Symmetrical or asymmetrical

Optical cover	Glass, flat
Material	Housing: die-cast aluminum Cover: glass
Color	Grey aluminium (RAL9007)
Connection	Push-in connector with 3 poles
Maintenance	No internal cleaning required
Installation	Fixation using adjustable mounting bracket Max adjustment from the horizontal: 360° Max vertical aiming: -120 to +120°

Versions



CoreLine Tempo BVP120 flood-lighting luminaire

Product details



Side view



Back view



Front view

Application Conditions	
Average ambient temperature	25 °C
Approval and Application	
Mech. impact protection code	IK08
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Driver current	700 mA
General Information	
CE mark	CE mark
Optical cover/lens type	Flat glass
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Standard RAL color	Gray aluminum
Initial Performance (IEC Compliant)	
Init. Corr. Color Temperature	4000 K
Light Technical	
Standard tilt angle posttop	0°
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.1 %

Approval and Application

order code	Surge Protection (Common/Differential)
911401648802	-
911401648902	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
911401649002	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
911401649102	-
911401649202	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
911401649302	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

General Information (1/2)

order code	Luminaire light		Light source color	ENEC mark	Flammability mark
	beam spread	Color			
911401648802	-	-	Neutral white	-	-
911401648902	92° x 91°	Aluminum and gray	740 neutral white	-	For mounting on normally flammable surfaces
911401649002	92° x 91°	Aluminum and gray	740 neutral white	-	For mounting on normally flammable surfaces

order code	Luminaire light		Light source color	ENEC mark	Flammability mark
	beam spread	Color			
911401649102	-	-	Neutral white	-	-
911401649202	39° x 96°	Aluminum and gray	740 neutral white	-	For mounting on normally flammable surfaces
911401649302	39° x 96°	Aluminum and gray	740 neutral white	-	For mounting on normally flammable surfaces

General Information (2/2)

order code	Lamp family code	Number of light sources	Optic type
911401648802	LED40	54 pcs	Symmetrical
911401648902	LED80	108 pcs	Symmetrical
911401649002	LED120	162 pcs	Symmetrical

order code	Lamp family code	Number of light sources	Optic type
911401649102	LED40	54 pcs	Asymmetrical
911401649202	LED80	108 pcs	Asymmetrical
911401649302	LED120	162 pcs	Asymmetrical

Initial Performance (IEC Compliant)

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order code	Init. Color Rendering Index	Initial luminous flux
911401648802	-	4000 lm
911401648902	~GT~80	8800 lm
911401649002	~GT~80	13200 lm

order code	Init. Color Rendering Index	Initial luminous flux
911401649102	-	4000 lm
911401649202	~GT~80	8800 lm
911401649302	~GT~80	13200 lm

Light Technical

order code	Standard tilt angle side entry	Upward light output ratio
911401648802	-	-
911401648902	0°	0
911401649002	0°	0

order code	Standard tilt angle side entry	Upward light output ratio
911401649102	-	-
911401649202	0°	0
911401649302	0°	0

