



Xitanium LED drivers - SR

Xi SR 75W 2:0.3-1.0A SNEMPF C170 sXt

Our new Philips Xtreme sensor ready (SR) drivers are ideal for use in outdoor applications. These robust drivers feature the SR interface and can be used in combination with intelligent photocells, or the many smart city management systems developed by our SR certified partners. The integrated power supply, accurate energy metering and extended diagnostics reduces the component count and simplifies the design significantly. The integration also increases system reliability. Combined with the new universal SR connector, these drivers offer future-proof solutions for the phased investment capabilities of municipal authorities.

Product data

General Information		Protection class IEC	Safety class I/II
Nominal lifetime	100,000 hour(s)	Surge Protection (Common/Differential)	Surge protection level until 10 kV
Lighting Technology	LED		
Operating and Electrical		System characteristics	
Output Current Ripple (Max)	4 %	Central DC Operation	No
Maximum Efficiency at Full Load	91 %	YellowDot ready	No
Output Current (Max)	1050 mA	Temperature	
Open Circuit Voltage (DC) (Max)	170 V	T-Case Lifetime (Max)	80 °C
Inrush Current Peak (Max)	49 A	T-Case Maximum (Max)	90 °C
Output Power (Max)	75 W	Controls and Dimming	
Inrush Current Width to 50% of Peak	290 µs	Dimmable	Yes
Diagnostics	True	Dimming Range	100-10 %
Output Power (Min)	7.5 W	D4i compliant	Yes
Output Current (Min)	74 mA	DynaDimmer	Yes
Output Voltage (Max)	108 V		
Output Voltage (Min)	35 V		

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Constant light output	Yes
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Mechanical and Housing

Product Length	170 mm
Housing	C170_SR
Overall length	171 mm
Overall width	100 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 100 x 171 mm
Ingress protection code	IP20 [Finger-protected]
Net Weight (Piece)	1.020 kg

Approval and Application

Isolation Classification	Class I and Class II
Approval Marks	CCC certificate CE marking CB compliance ENEC certificate

Output Current Set Options	SimpleSet, DALI
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Product Data

Order product name	Xi SR 75W 2:0.3-1.0A SNEMPF C170 sXt
Full product name	Xi SR 75W 2:0.3-1.0A SNEMPF C170 sXt
Full product code	871951427852300
Order code	929002827206
Material Nr. (12NC)	929002827206
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514278523
Numerator - Packs per outer box	9
EAN/UPC - Case	8719514278530

