# **PHILIPS** Lighting



# GreenSpace Accent, elbow

# RS342B LED39S/840 PSU-E MB SI

GreenSpace Accent Elbow, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit external (On/Off), Medium beam, Safety class II, Silver

Lighting is one of the key assets that can help retailers and building operators achieve their cost targets. Until now, many have been reluctant to switch from CDM to LED technology because the efficiency, initial investment, installation process, light level and/or quality of light of new LED solutions were not on par with their CDM existing solutions. This is no longer the case, thanks to GreenSpace Accent. Now, retailers and building operators can make the switch and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings compared to their existing CDM installation - all for a reasonable initial investment. And GreenSpace Accent's regular cut-out makes retrofit installation quick and easy. For food and fashion retailers, GreenSpace Accent elbow is also available with special light recipes to further enhance the store ambiance and to show the produce and goods on offer in the very best light: Fresh Food Champagne is the perfect LED solution for displaying fruit, vegetables, cheese, bread and pastries in a warm lighting ambiance; Fresh Food Meat creates the best light setting for meat enhancement in a cool natural ambiance: CrispWhite is the clear choice for fashion retailers to make colors appear rich and intense while keeping whites bright.

#### Warnings and Safety

- $\boldsymbol{\cdot}$  During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

#### **Product data**

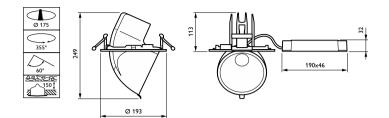
## GreenSpace Accent, elbow

Lamp family code	LED35S [LED Module, system flux 3500 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	ont
Driver included	- Yes
Remarks	*- According to the Lighting Europe guidance
Remarks	paper 'Evaluating performance of LED based
	luminaires - January 2018': statistically there is
	no relevant difference in lumen maintenance
	between the B50 and, for example, the B10.
	Therefore, the median useful life (B50) value
	also represents the B10 value.
Product family code	
Product family code	RS342B [GreenSpace Accent Elbow]
Lighting Technology Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,800 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	120.63492063492063 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Medium beam
Optical cover type	Acrylic bowl/cover clear
Luminaire light beam spread	24°
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	18.6 A
Inrush time	0.24 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	34
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	

Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Colour	Silver
Optical cover/lens finish	Clear
Overall length	228 mm
Overall width	193 mm
Overall height	156 mm
Overall diameter	193 mm
Dimensions (height x width x depth)	156 x 193 x 228 mm
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Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
nitial Performance (IEC Complian	it)
uminous flux tolerance	+/-10%
nitial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	pliant)
Control gear failure rate at median	5 %
useful life 50,000 h	
Lumen maintenance at median useful	L80
ife* 50,000 h	
ife* 50,000 h	
Application Conditions	25 °C
Application Conditions Performance ambient temperature Tq	25 °C Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level	
Application Conditions Performance ambient temperature Tq Maximum dim level	Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	Not applicable No
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	Not applicable No RS342B LED39S/840 PSU-E MB SI
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC	Not applicable No RS342B LED39S/840 PSU-E MB SI RS342B LED39S/840 PSU-E MB SI
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Drder product name Full product name Full EOC Drder code	Not applicable No RS342B LED395/840 PSU-E MB SI RS342B LED395/840 PSU-E MB SI 871869625533900
ife* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	Not applicable No RS342B LED39S/840 PSU-E MB SI RS342B LED39S/840 PSU-E MB SI 871869625533900 25533900
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	Not applicable No RS342B LED39S/840 PSU-E MB SI RS342B LED39S/840 PSU-E MB SI 871869625533900 25533900 910500456545
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	Not applicable No RS342B LED395/840 PSU-E MB SI RS342B LED395/840 PSU-E MB SI 871869625533900 25533900 910500456545 1

### GreenSpace Accent, elbow

#### Dimensional drawing





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