PHILIPS Lighting



LuxSpace Accent

RS751B LED49S/827 PSE-E WB WH LIN

LuxSpace Accent, 40 W, 4750 lm, 2700 K, Wide beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energyefficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite for fashion stores and Food recipes for supermarkets.

Product data

General Information	
Lamp family code	LED49S [LED module, system flux 4900 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	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	RS751B [LuxSpace Accent Performance G3]
Lighting Technology	LED
Value ladder	Specification

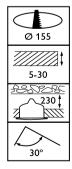
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,750 lm
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	119 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	827 warm white
Optic type	Wide beam

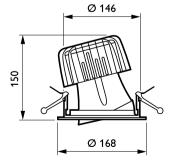
LuxSpace Accent

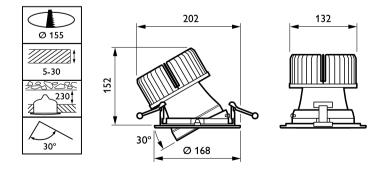
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Initial CLO power consumption - W Average CLO power consumption - W Inrush time 0.272 ms Power Consumption 40 W Power Consumption 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B - Controls and Dimming 2 Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Control interface - Mechanical and Housing No Mechanical and Housing Aluminium Reflector material Aluminium Optical cover/lens material - Optical cover/lens finish Clear Optical cover/lens finish Clear	Optical cover type	Linear-lens array oval shape
Operating and Electrical Input Voitage 220 to 240 V Line Frequency 50 to 60 Hz Initial CLO power consumption - W Average CLO power consumption - W Inrush current 23.5 A Inrush time 0.272 ms Power Consumption 40 W Power Consumption 40 W Power Consumption 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B - Temperature +10 to +40 °C Controls and Dimming No Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing Hourinium Reflector material Aluminium Optical cover/lens material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear		
Input Voltage220 to 240 VLine Frequency50 to 60 HzInitial CLO power consumption- WAverage CLO power consumption- WInrush current23.5 AInrush time0.272 msPower Consumption40 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature-Ambient temperature range+10 to +40 °CControls and DimmingNoDirmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingAluminiumHousing materialAluminiumReflector materialPolycarbonateOptical cover/lens material-Kumini ColourWhiteOptical cover/lens finishClear		56 × 66
Line Frequency50 to 60 HzLinitial CLO power consumption- WAverage CLO power consumption- WInrush current23.5 AInrush time0.272 msPower Consumption40 WPower Consumption0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature+10 to +40 °CAmbient temperature range+10 to +40 °CControls and DimmingPower supply unit DC-compatible, externalDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingAluminiumReflector materialAluminiumOptic acver/lens material-Polycarbonate-Optical cover/lens finishClear	Operating and Electrical	
Initial CLO power consumption - W Average CLO power consumption - W Inrush current 23.5 A Inrush time 0.272 ms Power Consumption 40 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Control interface - Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Input Voltage	220 to 240 V
Average CLO power consumption - W Inrush current 23.5 A Inrush time 0.272 ms Power Consumption 40 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B - Temperature - Ambient temperature range +10 to +40 °C Controls and Dimming - Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Fixation material - Housing Colour White Optical cover/lens finish Clear	Line Frequency	50 to 60 Hz
Inrush current 23.5 A Inrush current 0.272 ms Power Consumption 40 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Initial CLO power consumption	- W
Inrush time0.272 msPower Consumption40 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature+10 to +40 °CAmbient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingAluminiumPloycarbonatePolycarbonateOptic materialAluminiumOptic material-Housing material-Fixation material-Housing ColourWhiteOptical cover/lens finishClear	Average CLO power consumption	- W
Power Consumption40 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature+10 to +40 °CAmbient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingAluminiumPolica cover/lens materialAluminiumOptical cover/lens material-Housing ColourWhiteOptical cover/lens finishClear	Inrush current	23.5 A
Power Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature+10 to +40 °CAmbient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Control interface-Mechanical and HousingNoHousing materialAluminiumReflector materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColourWhiteOptical cover/lens finishClear	Inrush time	0.272 ms
ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type24B-Temperature-Ambient temperature range+10 to +40 °CControls and Dimming-DimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Control interface-Mechanical and HousingNoHousing materialAluminiumReflector materialAluminiumOptic materialPolycarbonateOptical cover/lens material-Housing ColourWhiteOptical cover/lens finishClear	Power Consumption	40 W
Cable-Number of products on MCB of 16 A type24B-Temperature-Ambient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Control interfacePower supply unit DC-compatible, externalMechanical and HousingNoMechanical and HousingPolycarbonateFlousing materialAluminiumOptic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColourWhiteOptical cover/lens finishClear	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type 24 B	Connection	Push-in connector and pull relief
B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing No Housing material Aluminium Reflector material Aluminium Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Cable	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing No Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Number of products on MCB of 16 A type	24
Ambient temperature range+10 to +40 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingNoHousing materialAluminiumReflector materialPolycarbonateOptic at cover/lens material-Fixation material-Housing ColourWhiteOptical cover/lens finishClear	В	
Ambient temperature range+10 to +40 °CControls and DimmingDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalControl interface-Constant light outputNoMechanical and HousingNoHousing materialAluminiumReflector materialPolycarbonateOptic at cover/lens material-Fixation material-Housing ColourWhiteOptical cover/lens finishClear		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing No Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Temperature	
Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing No Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Ambient temperature range	+10 to +40 °C
Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing No Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear		
Driver/power unit/transformer Power supply unit DC-compatible, external Control interface - Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Controls and Dimming	
Control interface - Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material - Housing Colour White Optical cover/lens finish Clear	Dimmable	No
Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Driver/power unit/transformer	Power supply unit DC-compatible, external
Mechanical and Housing Housing material Aluminium Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Control interface	-
Housing materialAluminiumReflector materialAluminiumOptic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColourWhiteOptical cover/lens finishClear	Constant light output	No
Housing materialAluminiumReflector materialAluminiumOptic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColourWhiteOptical cover/lens finishClear		
Reflector material Aluminium Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Mechanical and Housing	
Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Housing material	Aluminium
Optical cover/lens material Polycarbonate Fixation material - Housing Colour White Optical cover/lens finish Clear	Reflector material	Aluminium
Fixation material - Housing Colour White Optical cover/lens finish Clear	Optic material	Polycarbonate
Housing Colour White Optical cover/lens finish Clear	Optical cover/lens material	Polycarbonate
Optical cover/lens finish Clear	Fixation material	-
	Housing Colour	White
Overall height 150 mm	Optical cover/lens finish	Clear
	Overall height	150 mm

A H H	100	
Overall diameter	168 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.46, 0.41) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50,000 h		
Lumen maintenance at median useful	L80	
life* 50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	RS751B LED49S/827 PSE-E WB WH LIN	
Full product name	RS751B LED49S/827 PSE-E WB WH LIN	
Full EOC	871869916726400	
Order code	16726400	
Material no. (12 NC)	910500459437	
SAP numerator - quantity per pack	1	
EAN/UPC - Product/Case	8718699167264	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718699167264	

Dimensional drawing







LuxSpace Accent



© 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, April 29 - data subject to change