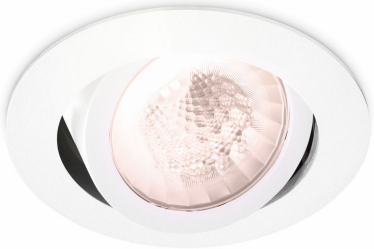
PHILIPS

Lighting



LuxSpace Accent Fresh Food – Bring your food produce to life

LuxSpace Accent Fresh Food

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Food retailers generally want superior light sources that illuminate their fresh food counters in the freshest way possible, making food appealing while keeping the light ambiance attractive and welcoming. When a warm light ambiance is preferred, Fresh Food Champagne is the perfect LED solution to light fruit, vegetables, cheese, bread and pastries. Fresh Food Rose is a perfect warm-light solution for meat counters, enhancing the redness of meat but also slowing down the discoloration of sliced meat. When a brighter or more natural light ambiance is preferred, Fresh Food Authentic White is recommended for fruits, vegetables, cheeses, bread and pastries. Fresh Food Meat creates the best light setting for meat enhancement in a cooler ambiance.

Benefits

- Fresh Food Champagne offers a nice warm ambiance while enhancing the color of fruit, vegetables, cheese and bread
- Fresh Food Meat offers a cooler natural light setting while enhancing the redness of meat
- Fresh Food Rose creates a warm ambiance while enhancing the redness of meat & slowing down sliced meat discoloration

LuxSpace Accent Fresh Food

Features

- High color rendering
- Special spectrums tailored to the specific requirements of fresh food counters
- DALI dimming to adjust the light exactly to the desired level

Application

- Butcher's shops and meat counters in supermarkets
- Bakeries and bread counters in supermarkets
- Fruit and vegetable stores and supermarket counters

Specifications

Type	RS740B (compact, fixed version), light source color Fresh Food Meat (FMT) or Fresh Food Champagne (CH)
	RS741B (compact, adjustable version), light source color Fresh Food Meat (FMT) or Fresh Food Champagne (CH)
	RS750B (performance, fixed version), light source color Fresh Food Meat(FMT), Fresh Food Champagne (CH) or Fresh Food Rose (ROSE)
	RS751B (performance, adjustable version), light source color Fresh Food Meat (FMT), Fresh Food Champagne (CH) or Fresh Food Rose (ROSE)
	RS752B (performance, elbow version), light source color Fresh Food Rose (ROSE)
Ceiling type	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	Compact versions: 31 W (LED17S, light color CH), 36 W (LED19S, light color FMT)
	Performance versions: 31 W (LED19S, light color ROSE), 47 W (LED26S, light color FMT), 48 W (LED26S, light color ROSE), 49 W (LED27S, light color CH)
Beam angle	Compact versions: MB (25º), WB (35º)
	Performance versions: MB (25º), WB (35º), VWB (60º)
Luminous flux	Compact versions: 1700 lm (LED17S, light color CH), 1900 lm (LED19S, light color FMT)
	Performance versions: 1900 lm (LED19S, light color ROSE), 2600 lm (LED26S, light color FMT), 2700 lm (LED27S, light color CH)

Correlated Color Temperature	2200 K (light color ROSE)
	2500 K (light color CH)
	3000 K (light color FMT)
Color Rendering Index	>80 (light color ROSE)
	87 (light color FMT)
	90 (light color CH)
Standard deviation color matching	3
Lumen maintenance at median useful life* 50000 h	L80
Control gear failure rate at median useful life 50000 h	5%
Performance Ambient Temperature Tq	+25 ºC
Driver failure rate	1% per 5000 hours
Operating temperature range	+10 to +35 ºC

Specifications

Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	Non-dimmable (PSU)
	DALI-dimmable (PSD)
Material	Rings: metal
	Heatsink: die-cast aluminum
	Front cover: acrylic
	Optic: plastic, metalized

Color	Black (BK, RAL9004)
	White (WH, RAL9003)
	Silver (SI, RAL 9006 metalized grey)
	Compact fixed versions only: aluminum brushed (ALU)
	Compact adjustable and performance versions only: aluminum brushed - black or aluminum brushed - white (ALU-BK or ALU-WH, outer rim: brushed aluminum; inner front housing: black or white)
	Other RAL colors available on request
Optical cover	Acrylic cover (AC)
	Linear-lens array, oval shape (LIN)

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Installation	Push-in connector or with pull relief (default option)
	Wieland/Adels compatible connector available as an option (CW3) for fixed versions with DALI driver
Installation	Fixation by means of spring fasteners
Remarks	Fresh Food Champagne (CH) is the dedicated light recipe for bread and pastries, fruits and vegetables area. It brings a warm traditional ambiance.
	Fresh Food Meat (FMT) and Fresh Food Rose (ROSE) are both dedicated light recipes for meat counters. You can choose between a natural cool light setting or a warm traditional light setting for your meat counter.

Versions

LuxSpace Accent Compact G3 - LED Module, system flux 1700 lm

LuxSpace Accent Performance G3 - LED Module, system flux 2700 lm

LuxSpace Accent Performance G3 - LED Module, system flux 1900 lm

LuxSpace Accent Compact G3

Product details

LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP01.tif

LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP02.tif

LuxSpace Accent Fresh Food

Product details

LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP03.tif

LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP04.tif

LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP05.tif

Approval and application	
Mech. impact protection code	IK02
Ingress protection code	IP20
General information	
Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No
Number of gear units	1 unit
Initial performance (IEC compliant)	
Luminous flux tolerance	+/-10%

Application conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level	Suitable for random switching
910500457091	RS741B LED19S/FMT PSU-E WB WH	0 to +35 °C	Not applicable	Yes
910500465315	RS741B LED17S/CH PSU-E MB WH	0 to +35 °C	Not applicable	Yes
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	+10 to +35 °C	1%	No
910500459456	RS751B LED19S/ROSE PSE-E WB WH	+10 to +40 °C	-	Yes
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	+10 to +40 °C	-	Yes
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	+10 to +40 °C	-	Yes
910500459459	RS751B LED27S/ROSE PSE-E WB WH	+10 to +40 °C	-	Yes
910500459460	RS752B LED19S/ROSE PSE-E WB WH	+10 to +40 °C	-	Yes
910500459461	RS752B LED27S/ROSE PSE-E WB WH	+10 to +40 °C	-	Yes
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	+10 to +40 °C	-	Yes
910500465316	RS742B LED27S/CH PSU-E MB WH	+10 to +40 °C	Not applicable	Yes

Controls and dimming

LuxSpace Accent Fresh Food

Order Code	Full Product Name	Dimmable
910500457091	RS741B LED19S/FMT PSU-E WB WH	No
910500465315	RS741B LED17S/CH PSU-E MB WH	No
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	Yes
910500459456	RS751B LED19S/ROSE PSE-E WB WH	No
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	No
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	No

Order Code	Full Product Name	Dimmable
910500459459	RS751B LED27S/ROSE PSE-E WB WH	No
910500459460	RS752B LED19S/ROSE PSE-E WB WH	No
910500459461	RS752B LED27S/ROSE PSE-E WB WH	No
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	No
910500465316	RS742B LED27S/CH PSU-E MB WH	No

Operating and electrical

Order Code	Full Product Name	Input Voltage
910500457091	RS741B LED19S/FMT PSU-E WB WH	220 to 240 V
910500465315	RS741B LED17S/CH PSU-E MB WH	220 to 240 V
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	220 to 240 V
910500459456	RS751B LED19S/ROSE PSE-E WB WH	220 to 240 V
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	220 to 240 V
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	220 to 240 V

Order Code	Full Product Name	Input Voltage
910500459459	RS751B LED27S/ROSE PSE-E WB WH	220 to 240 V
910500459460	RS752B LED19S/ROSE PSE-E WB WH	220 to 240 V
910500459461	RS752B LED27S/ROSE PSE-E WB WH	220 to 240 V
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	220 to 240 V
910500465316	RS742B LED27S/CH PSU-E MB WH	220-240 V

General information (1/2)

Order Code	Full Product Name	Optical cover/ lens type	Glow-wire test	Lamp family code	Number of light sources
910500457091	RS741B LED19S/FMT PSU-E WB WH	-	Temperature 650 °C, duration 5 s	LED19S	1 pc
910500465315	RS741B LED17S/CH PSU-E MB WH	Clear glass	Temperature 650 °C, duration 5 s	-	-
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	Linear-lens array oval shape	Temperature 650 °C, duration 30 s	LED26S	1 pc
910500459456	RS751B LED19S/ROSE PSE-E WB WH	-	Temperature 650 °C, duration 5 s	LED19S	1 pc
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	-	Temperature 650 °C, duration 5 s	LED19S	1 pc
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	Linear-lens array oval shape	Temperature 650 °C, duration 5 s	LED19S	1 pc

Order Code	Full Product Name	Optical cover/ lens type	Glow-wire test	Lamp family code	Number of light sources
910500459459	RS751B LED27S/ROSE PSE-E WB WH	-	Temperature 650 °C, duration 5 s	LED26S	1 pc
910500459460	RS752B LED19S/ROSE PSE-E WB WH	-	Temperature 650 °C, duration 5 s	-	1 pc
910500459461	RS752B LED27S/ROSE PSE-E WB WH	-	Temperature 650 °C, duration 5 s	-	1 pc
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	-	Temperature 650 °C, duration 5 s	-	1 pc
910500465316	RS742B LED27S/CH PSU-E MB WH	Clear glass	Temperature 650 °C, duration 5 s	-	-

General information (2/2)

Order Code	Full Product Name	Optic type	Product Family Code	UL mark
910500457091	RS741B LED19S/FMT PSU-E WB WH	Wide beam	RS741B	-

Order Code	Full Product Name	Optic type	Product Family Code	UL mark
910500465315	RS741B LED17S/CH PSU-E MB WH	Medium beam	RS741B	-

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Order Code	Full Product Name	Optic type	Product Family Code	UL mark
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	Wide beam	RS751B	-
910500459456	RS751B LED19S/ROSE PSE-E WB WH	Wide beam	RS751B	-
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	Very wide beam	RS751B	-
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	Wide beam	RS751B	-
910500459459	RS751B LED27S/ROSE PSE-E WB WH	Wide beam	RS751B	-

Order Code	Full Product Name	Optic type	Product Family Code	UL mark
910500459460	RS752B LED19S/ROSE PSE-E WB WH	Wide beam	RS752B	-
910500459461	RS752B LED27S/ROSE PSE-E WB WH	Wide beam	RS752B	-
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	Very wide beam	RS752B	-
910500465316	RS742B LED27S/CH PSU-E MB WH	Medium beam	RS742B	-

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910500457091	RS741B LED19S/FMT PSU-E WB WH	(0.406, 0.350) SDCM<3	3000 K	≥90	86 lm/W
910500465315	RS741B LED17S/CH PSU-E MB WH	(0.458, 0.410) SDCM <3	2700 K	≥80	121 lm/W
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	(0.406, 0.350) SDCM<3	3000 K	≥85	77 lm/W
910500459456	RS751B LED19S/ ROSE PSE-E WB WH	(0.48, 0.38)	2200 K	≥80	84 lm/W
910500459457	RS751B LED19S/ ROSE PSE-E VWB WH	(0.48, 0.38)	2200 K	≥80	84 lm/W
910500459458	RS751B LED19S/ ROSE PSE-E WB WH LIN	(0.48, 0.38)	2200 K	≥80	84 lm/W
910500459459	RS751B LED27S/ ROSE PSE-E WB WH	(0.48, 0.38)	2200 K	≥80	83 lm/W
910500459460	RS752B LED19S/ ROSE PSE-E WB WH	(0.48, 0.38)	2200 K	≥80	84 lm/W
910500459461	RS752B LED27S/ ROSE PSE-E WB WH	(0.48, 0.38)	2200 K	≥80	83 lm/W
910500459462	RS752B LED27S/ ROSE PSE-E VWB WH	(0.48, 0.38)	2200 K	≥80	83 lm/W
910500465316	RS742B LED27S/CH PSU-E MB WH	(0.46, 0.39) SDCM <3	2500 K	≥80	116 lm/W

Initial performance (IEC compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
910500457091	RS741B LED19S/FMT PSU-E WB WH	1900 lm	22 W
910500465315	RS741B LED17S/CH PSU-E MB WH	1650 lm	14,4 W
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	2700 lm	35 W
910500459456	RS751B LED19S/ROSE PSE-E WB WH	1900 lm	22.5 W
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	1900 lm	22.5 W
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	1900 lm	22.5 W

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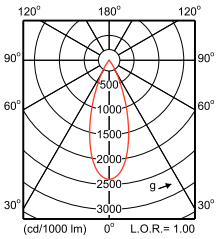
Order Code	Full Product Name	Initial luminous flux	Initial input power
910500459459	RS751B LED27S/ROSE PSE-E WB WH	2700 lm	32.5 W
910500459460	RS752B LED19S/ROSE PSE-E WB WH	1900 lm	22.5 W
910500459461	RS752B LED27S/ROSE PSE-E WB WH	2700 lm	32.5 W
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	2700 lm	32.5 W
910500465316	RS742B LED27S/CH PSU-E MB WH	2600 lm	22.5 W

Mechanical and housing

Order Code	Full Product Name	Color
910500457091	RS741B LED19S/FMT PSU-E WB WH	White RAL 9003
910500465315	RS741B LED17S/CH PSU-E MB WH	White RAL 9003
910500459420	RS751B LED27S/FMT PSED-VLC-E WB WH LIN	White RAL 9003
910500459456	RS751B LED19S/ROSE PSE-E WB WH	White
910500459457	RS751B LED19S/ROSE PSE-E VWB WH	White
910500459458	RS751B LED19S/ROSE PSE-E WB WH LIN	White
910500459459	RS751B LED27S/ROSE PSE-E WB WH	White
910500459460	RS752B LED19S/ROSE PSE-E WB WH	White
910500459461	RS752B LED27S/ROSE PSE-E WB WH	White
910500459462	RS752B LED27S/ROSE PSE-E VWB WH	White
910500465316	RS742B LED27S/CH PSU-E MB WH	White

Polar Wide Diagrams



IFPS_RS741B 1xLED19S/FMT WB-Polar Normal (separate)

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