



# GreenSpace Accent – The best recessed accent retrofit solution

## GreenSpace Accent, elbow

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.

### Benefits

- Hassle-free replacement of CDM recessed luminaires
- Short payback compared with CDM luminaires due to high system efficacy
- High-quality accent lighting thanks to PerfectAccent reflector's light signature

# GreenSpace Accent, elbow

## Features

- High efficacy
- Philips PerfectAccent quality of light
- CDM retrofit recessed luminaire; easy to install
- Clean, robust design

## Application

- Retail stores, especially food and fashion stores
- Public spaces such as shopping malls, train stations, airports, etc.

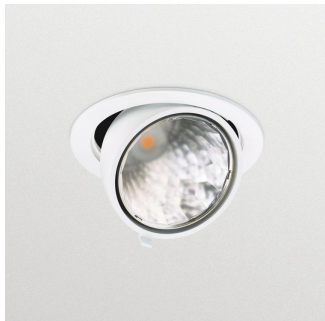
## Specifications

<b>Type</b>	RS342B
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Light source</b>	Non-replaceable LED module
<b>Power</b>	18, 29.5 and 36.5 W (for light color 830, LED17S, LED27S, LED35S) 36 W (for light color Fresh Food Meat, LED19S) 49 W (for light color Fresh Food Champagne, LED27S) 21.5, 35.5, 49.5 W (for CrispWhite versions)
<b>Beam angle</b>	25° (MB), 37° (WB)
<b>Luminous flux</b>	1750, 2700, 3500 lm (for light color 830) 1900 lm (for light color Fresh Food Meat, LED19S) 2700 lm (for light color Fresh Food Champagne, LED27S) 1800, 2800, 3700 lm (for CrispWhite versions)
<b>Correlated Color</b>	3000 and 4000 K
<b>Temperature</b>	Fresh Food Meat Fresh Food Champagne CrispWhite
<b>Color Rendering Index</b>	>80 (for 3000 and 4000 K) >90 (for Fresh Food Champagne and Fresh Food Meat) >92 (for CrispWhite)
<b>Standard deviation color matching (SDCM)</b>	3 (with a tolerance of +/- 0,005 on color point measurement)
<b>Median useful life L70B50</b>	70,000 hours
<b>Median useful life L80B50</b>	50,000 hours

<b>Median useful life L90B50</b>	25,000 hours
<b>Average ambient temperature</b>	+25 °C
<b>Operating temperature range</b>	0 to +35 °C
<b>Driver</b>	Separate
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	DALI dimming on request
<b>Material</b>	Housing and rim: die-cast aluminum Cover: acrylic
<b>Color</b>	White (RAL9003), silver (RAL9006) and black (RAL9004)
<b>Connection</b>	Push-in connector or with pull relief
<b>Installation</b>	Fixation by means of spring fasteners
<b>Remarks</b>	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) is a dedicated light recipe for meat counters. It brings a natural cool light setting. CrispWhite (CRW) is the dedicated light recipe for fashion retailers which makes whites appear pure and bright white at the same time making other colours appear warm, saturated and intense

## GreenSpace Accent, elbow

### Versions



RS342B

### Product details



GreenSpace Accent elbow,  
extracted



GreenSpace Accent elbow, front  
face



GreenSpace Accent elbow, back  
view



GreenSpace Accent elbow, fully  
recessed



GreenSpace Accent elbow,  
extracted

# GreenSpace Accent, elbow

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Controls and Dimming

Dimmable	No
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## General Information

Beam angle of light source	120 °
Cap base	-
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	ENEC mark
Gear	-
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Product family code	RS342B
UL mark	-

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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## Mechanical and Housing

Colour	White
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## Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level	Suitable for random switching
25517900	RS342B LED27S/840 PSU-E MB WH	+10 to +40 °C	Not applicable	No
25518600	RS342B LED27S/830 PSU-E WB WH	+10 to +40 °C	Not applicable	No
91840100	RS342B LED39S/830 PSU-E MB WH	+10 to +40 °C	Not applicable	No
91841800	RS342B LED39S/840 PSU-E MB WH	+10 to +40 °C	Not applicable	No
41172500	RS342B LED27S/PC930 PSU-E MB WH	+10 to +25 °C	-	Yes
41173200	RS342B LED39S/PC930 PSU-E MB WH	+10 to +25 °C	-	Yes

## Operating and Electrical

Order Code	Full Product Name	Input Voltage
25517900	RS342B LED27S/840 PSU-E MB WH	220-240 V
25518600	RS342B LED27S/830 PSU-E WB WH	220-240 V
91840100	RS342B LED39S/830 PSU-E MB WH	220-240 V

Order Code	Full Product Name	Input Voltage
91841800	RS342B LED39S/840 PSU-E MB WH	220-240 V
41172500	RS342B LED27S/PC930 PSU-E MB WH	220 to 240 V
41173200	RS342B LED39S/PC930 PSU-E MB WH	220 to 240 V

## General Information (1/2)

Order Code	Full Product Name	Optical cover/ lens type	Flammability mark	Glare-shielding accessories	Lamp family code
25517900	RS342B LED27S/840 PSU-E MB WH	ACC	NO	-	LED27S
25518600	RS342B LED27S/830 PSU-E WB WH	ACC	NO	-	LED27S
91840100	RS342B LED39S/830 PSU-E MB WH	ACC	NO	-	LED39S

Order Code	Full Product Name	Optical cover/ lens type	Flammability mark	Glare-shielding accessories	Lamp family code
91841800	RS342B LED39S/840 PSU-E MB WH	ACC	NO	-	LED39S
41172500	RS342B LED27S/PC930 PSU-E MB WH	PCO-SAT	F	No	LED27S
41173200	RS342B LED39S/PC930 PSU-E MB WH	PCO-SAT	F	No	LED39S

## General Information (2/2)

# GreenSpace Accent, elbow

Order Code	Full Product Name	Optic type
25517900	RS342B LED27S/840 PSU-E MB WH	MB
25518600	RS342B LED27S/830 PSU-E WB WH	WB
91840100	RS342B LED39S/830 PSU-E MB WH	MB

Order Code	Full Product Name	Optic type
91841800	RS342B LED39S/840 PSU-E MB WH	MB
41172500	RS342B LED27S/PC930 PSU-E MB WH	WB
41173200	RS342B LED39S/PC930 PSU-E MB WH	WB

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Init.
					Initial LED luminaire efficacy
25517900	RS342B LED27S/840 PSU-E MB WH	(0.38, 0.38)	4000 K	≥80	119.14893617021276 lm/W
25518600	RS342B LED27S/830 PSU-E WB WH	(0.43, 0.40)	3000 K	≥80	114.8936170212766 lm/W
91840100	RS342B LED39S/830 PSU-E MB WH	(0.43, 0.40)	3000 K	≥80	123.80952380952381 lm/W
91841800	RS342B LED39S/840 PSU-E MB WH	(0.38, 0.38)	4000 K	≥80	120.63492063492063 lm/W

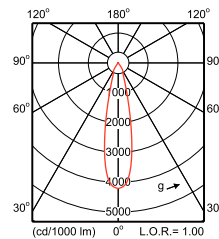
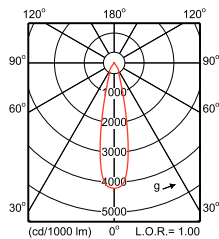
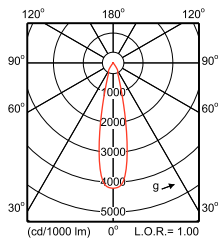
Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Init.
					Initial LED luminaire efficacy
41172500	RS342B LED27S/PC930 PSU-E MB WH	(0.422, 0.386)	3000 K	≥90	90 lm/W
41173200	RS342B LED39S/PC930 PSU-E MB WH	(0.422, 0.386)	3000 K	≥90	95.1219512195122 lm/W

## Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
25517900	RS342B LED27S/840 PSU-E MB WH	2800 lm	23.5 W
25518600	RS342B LED27S/830 PSU-E WB WH	2700 lm	23.5 W
91840100	RS342B LED39S/830 PSU-E MB WH	3900 lm	31.5 W
91841800	RS342B LED39S/840 PSU-E MB WH	3800 lm	31.5 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
41172500	RS342B LED27S/PC930 PSU-E MB WH	2700 lm	30 W
41173200	RS342B LED39S/PC930 PSU-E MB WH	3900 lm	41 W

## Polar Wide Diagrams

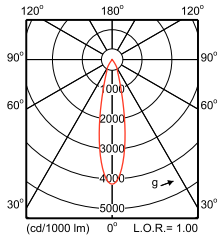


IFPS\_RS342B 1xLED17S/830 MB-Polar Normal (separate)

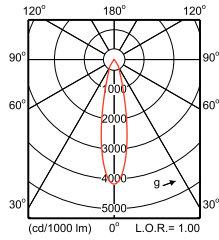
IFPS\_RS342B 1xLED27S/840 MB-Polar Normal (separate)

IFPS\_RS342B 1xLED17S/CRW MB-Polar Normal (separate)

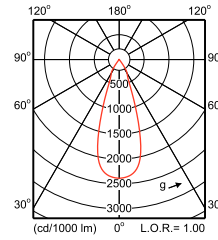
Polar Wide Diagrams



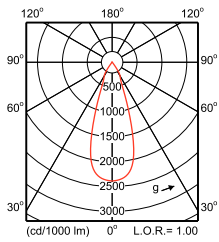
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(separate)



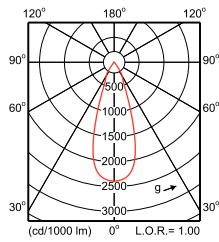
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(separate)



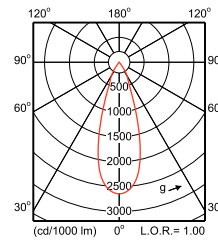
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(separate)



IFPS\_RS342B 1xLED27S/830 WB-Polar Normal  
(separate)



IFPS\_RS342B 1xLED35S/840 WB-Polar Normal  
(separate)



IFPS\_RS342B 1xLED19S/FMT WB-Polar Normal  
(separate)

