



# LuxSpace Accent – the best energy- efficient range for retail applications

## LuxSpace Accent

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 energy-efficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite for fashion stores and Food recipes for supermarkets.

### Benefits

- Attract shoppers with high-quality light
- Luminaire design blends discreetly into the store
- Good energy performance, matching CDM Elite while offering much longer lifetime and payback of the Total Cost of Ownership within three years

## Features

- Efficacy of up to 100 lm/W, thanks to very Hi-LOR reflectors (90%)
- Lumen packages from 1200 to 4900 lm to match equivalent CDM 20/35/50/70 W MASTERColour Elite
- Choice of color temperatures: 2700, 3000 and 4000 K
- Color rendering index 80 and 90
- Narrow, medium, wide, very wide and oval beams available
- Passive cooling up to 4000 lm
- Dimmable versions
- Through-wiring and emergency lighting options

## Application

- Retail: fashion and food stores

## Specifications

<b>Type</b>	RS730B (mini, fixed version) RS731B (mini, adjustable version) RS740B (compact, fixed version) RS741B (compact, adjustable version) RS750B (performance, fixed version) RS751B (performance, adjustable version) RS752B (performance, elbow version)
<b>Light source</b>	Non-replaceable LED module
<b>Power</b>	Mini versions - NB (LED11S): 15 to 18 W (depending on light color) - MB, WB (LED12S): 12 to 16 W (depending on light color) Compact versions - NB (LED20S): 27 W - MB, WB (LED17S): 16 to 20 W (depending on light color) - MB, WB (LED27S): 25 to 32 W (depending on light color) - MB, WB (LED39S): 39 W Performance versions - NB (LED40S): 55 W - MB, WB, LIN (LED27S) (only in RS752B - elbow archetype): 24 to 31 W - MB, WB, VWB, LIN (LED39S): 35 to 46 W (depending on light color) - MB, WB, VWB, LIN (LED49S): 47 to 56 W (depending on light color)
<b>Beam angle</b>	Mini and compact versions - NB (10°) - MB (28°, +/- 2 degrees depending on lumen package) - WB (36°, +/- 2 degrees depending on lumen package) - LIN (oval lense) Performance versions - NB (15°) - MB (21°, +/- 2 degrees depending on lumen package) - WB (30°, +/- 2 degrees depending on lumen package) - VWB (53°, +/- 2 degrees depending on lumen package) - WB LIN (WB + oval lense) : 29 x 51° - VWB LIN (VWB + oval lense) : 46 x 60°

<b>Luminous flux</b>	Mini versions - NB (LED11S): 1000 lm - MB, WB (LED12S): 1200 lm Compact versions - NB (LED20S): 1600 to 2100 lm (depending on light color) - MB, WB (LED17S): 1600 to 1800 lm (depending on light color) - MB, WB (LED27S): 2500 to 2900 lm (depending on light color) - MB, WB (LED39S): 3200 to 4200 lm Performance versions - NB (LED40S), 20,000 to 30,000 cd in the axis (depending on light color); 3000 to 3900 lm (depending on light color) - MB, WB, LIN (LED27S) (only in RS752B - elbow archetype): 2500 to 2900 lm (depending on light color) - MB, WB, VWB, LIN (LED39S): 3500 to 4000 lm (depending on light color) - MB, WB, VWB, LIN (LED49S): 4300 to 4900 lm (depending on light color)
<b>Light source color</b>	827, 830, 840, 930
<b>Correlated Color</b>	2700, 3000 or 4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	80 90
<b>Standard deviation color matching</b>	3 (with a tolerance of +/- 0,005 on color point measurement)

## Specifications

<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>	+10 to +40 °C
<b>Driver failure rate</b>	1% for 5000 hours
<b>Driver</b>	Built-in External
<b>Mains voltage</b>	230 or 240 V / 50-60 Hz
<b>Dimming</b>	Fix (PSE-E when DC compatible, PSU when NOT DC compatible) DALI (PSED-E when DC compatible, PSU when NOT DC compatible)
<b>Material</b>	Rings: metal Heatsink: die-cast aluminum Front cover: acrylic or glass Optic: plastic

<b>Color</b>	Black (BK, RAL9004) White (WH, RAL9003) Silver (SI, RAL 9006 metalized grey) Mini and Compact fixed versions only: aluminum brushed (ALU) Compact adjustable 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
<b>Optical cover</b>	Mini and compact versions - Curved glass (for narrow beam) - PMMA (for other beams) Performance versions - Clear with jaws (medium beam) - Clear with diffuser foil (for other beams)
<b>Connection</b>	Push-in connector or with pull relief (PI) Wieland/Adels compatible connector with cable length 0.5m (CW)
<b>Installation</b>	Fixation by means of spring fasteners

## Product details



Performance by design – thanks to their specific design, the new reflectors provide best-in-class efficiency, a very clean beam, and high color uniformity.



Special acrylic lens with edge pattern to smoothen the edges of the beam

## Application conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes

## Approval and application

Mech. impact protection code	IK02
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## Operating and electrical

Input Voltage	220 to 240 V
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## General information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
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	Maximum dimming level
84759600	RS731B LED12S/930 PSE-E NB WH	-
84760200	RS731B LED12S/827 PSE-E MB WH	-
84761900	RS730B LED12S/830 PSE-E WB WH	-
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	1%
84763300	RS731B LED12S/830 PSE-E WB WH	-
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	1%
84765700	RS730B LED12S/930 PSE-E MB WH	-
84766400	RS731B LED12S/930 PSE-E MB WH	-
84767100	RS730B LED12S/840 PSE-E WB WH	-
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	1%
84769500	RS731B LED12S/840 PSE-E WB WH	-
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	1%

## Approval and application

Order Code	Full Product Name	Ingress protection code
84759600	RS731B LED12S/930 PSE-E NB WH	IP20
84760200	RS731B LED12S/827 PSE-E MB WH	IP20
84761900	RS730B LED12S/830 PSE-E WB WH	IP44
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	IP44
84763300	RS731B LED12S/830 PSE-E WB WH	IP20
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	IP20

Order Code	Full Product Name	Ingress protection code
84765700	RS730B LED12S/930 PSE-E MB WH	IP44
84766400	RS731B LED12S/930 PSE-E MB WH	IP20
84767100	RS730B LED12S/840 PSE-E WB WH	IP44
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	IP44
84769500	RS731B LED12S/840 PSE-E WB WH	IP20
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	IP20

## Controls and dimming

Order Code	Full Product Name	Dimmable
84759600	RS731B LED12S/930 PSE-E NB WH	No
84760200	RS731B LED12S/827 PSE-E MB WH	No
84761900	RS730B LED12S/830 PSE-E WB WH	No
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	Yes
84763300	RS731B LED12S/830 PSE-E WB WH	No
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	Yes

Order Code	Full Product Name	Dimmable
84765700	RS730B LED12S/930 PSE-E MB WH	No
84766400	RS731B LED12S/930 PSE-E MB WH	No
84767100	RS730B LED12S/840 PSE-E WB WH	No
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	Yes
84769500	RS731B LED12S/840 PSE-E WB WH	No
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	Yes

## General information

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Optic type	Product family code
84759600	RS731B LED12S/930 PSE-E NB WH	GC	LED11S	NB	RS731B
84760200	RS731B LED12S/827 PSE-E MB WH	GC	LED12S	MB	RS731B
84761900	RS730B LED12S/830 PSE-E WB WH	No	LED12S	WB	RS730B
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	No	LED12S	WB	RS730B
84763300	RS731B LED12S/830 PSE-E WB WH	No	LED12S	WB	RS731B
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	No	LED12S	WB	RS731B

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Optic type	Product family code
84765700	RS730B LED12S/930 PSE-E MB WH	No	LED12S	MB	RS730B
84766400	RS731B LED12S/930 PSE-E MB WH	No	LED12S	MB	RS731B
84767100	RS730B LED12S/840 PSE-E WB WH	No	LED12S	WB	RS730B
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	No	LED12S	WB	RS730B
84769500	RS731B LED12S/840 PSE-E WB WH	No	LED12S	WB	RS731B
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	No	LED12S	WB	RS731B

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
84759600	RS731B LED12S/930 PSE-E NB WH	(0.43, 0.40) SDCM <3	3000 K	≥90	89 lm/W
84760200	RS731B LED12S/827 PSE-E MB WH	(0.46, 0.41) SDCM <3	2700 K	≥80	110 lm/W
84761900	RS730B LED12S/830 PSE-E WB WH	(0.43, 0.40) SDCM <3	3000 K	≥80	114 lm/W
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	(0.43, 0.40) SDCM <3	3000 K	≥80	114 lm/W
84763300	RS731B LED12S/830 PSE-E WB WH	(0.43, 0.40) SDCM <3	3000 K	≥80	114 lm/W
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	(0.43, 0.40) SDCM <3	3000 K	≥80	114 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
84765700	RS730B LED12S/930 PSE-E MB WH	(0.43, 0.40) SDCM <3	3000 K	≥90	96 lm/W
84766400	RS731B LED12S/930 PSE-E MB WH	(0.43, 0.40) SDCM <3	3000 K	≥90	96 lm/W
84767100	RS730B LED12S/840 PSE-E WB WH	(0.38, 0.38) SDCM <3	4000 K	≥80	119 lm/W
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	(0.38, 0.38) SDCM <3	4000 K	≥80	119 lm/W
84769500	RS731B LED12S/840 PSE-E WB WH	(0.38, 0.38) SDCM <3	4000 K	≥80	119 lm/W
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	(0.38, 0.38) SDCM <3	4000 K	≥80	119 lm/W

Initial performance (IEC compliant) (2/2)

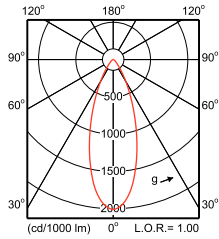
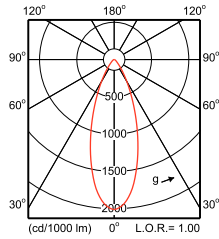
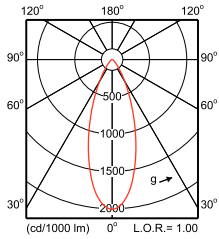
Order Code	Full Product Name	Initial luminous flux	Initial input power
84759600	RS731B LED12S/930 PSE-E NB WH	1200 lm	13.5 W
84760200	RS731B LED12S/827 PSE-E MB WH	1150 lm	10.2 W
84761900	RS730B LED12S/830 PSE-E WB WH	1200 lm	9.9 W
84762600	RS730B LED12S/830 PSED-VLC-E WB WH	1200 lm	9.9 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
84763300	RS731B LED12S/830 PSE-E WB WH	1200 lm	9.9 W
84764000	RS731B LED12S/830 PSED-VLC-E WB WH	1200 lm	9.9 W
84765700	RS730B LED12S/930 PSE-E MB WH	1200 lm	12.5 W
84766400	RS731B LED12S/930 PSE-E MB WH	1200 lm	12.5 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
84767100	RS730B LED12S/840 PSE-E WB WH	1250 lm	12 W
84768800	RS730B LED12S/840 PSED-VLC-E WB WH	1250 lm	12 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
84769500	RS731B LED12S/840 PSE-E WB WH	1250 lm	12 W
84770100	RS731B LED12S/840 PSED-VLC-E WB WH	1250 lm	12 W

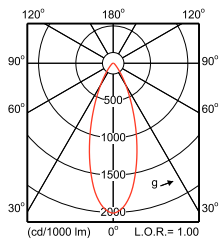
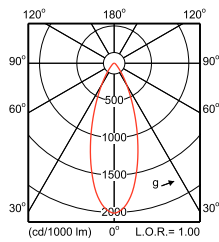
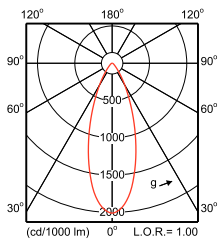
## Polar Wide Diagrams



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**IFPS\_RS730B 1xLED12S/840 WB-Polar Normal (separate)**

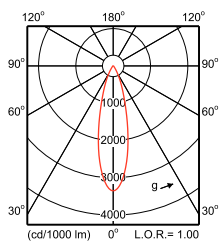
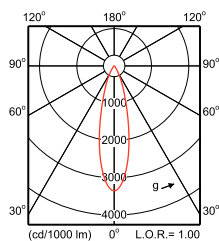
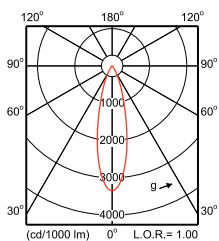
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**IFPS\_RS731B 1xLED12S/840 WB-Polar Normal (separate)**

**IFPS\_RS731B 1xLED12S/930 WB-Polar Normal (separate)**

**IFPS\_RS731B 1xLED12S/CRW WB-Polar Normal (separate)**

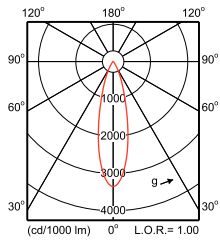


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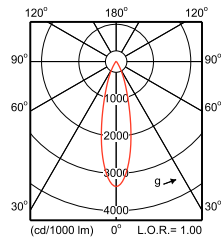
**IFPS\_RS730B 1xLED12S/930 MB-Polar Normal (separate)**

**IFPS\_RS730B 1xLED12S/CRW MB-Polar Normal (separate)**

## Polar Wide Diagrams



IFPS\_RS731B 1xLED12S/827 MB-Polar Normal  
(separate)



IFPS\_RS731B 1xLED12S/830 MB-Polar Normal  
(separate)

