![Philips Lighting logo]

LuxSpace Accent CrispWhite – Experience intense whites and rich colors

LuxSpace Accent CrispWhite

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. Fashion retailers generally want superior light sources that illuminate fabrics in the truest way possible, making colors appear rich and intense while keeping whites bright. A warm color temperature is often preferred, as it keeps colors true and saturated. Until now, a drawback of LED has been that whites can appear yellowish. The good news – that's about to change. CrispWhite is a unique concept in retail lighting that makes whites appear whiter than white, yet still gives colors a warm and saturated intensity. This new color experience will wow customers and make merchandise impossible to resist.

Benefits
• Attract shoppers with high-quality light that accentuates intense whites and rich colors
• Luminaire design blends discreetly into the store
• Good energy performance, matching CDM Elite while offering much longer lifetime

Features
• Optimized light spectrum for intense white light and rich color rendering
• Efficacy of up to 80 lm/W, thanks to very Hi-LOR reflectors (up to 90%)
• Lumen packages from 1200 to 3900 lm to match equivalent CDM 35 W MASTERColour Elite
• Narrow, medium and wide beam available
• Passive cooling

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Application
• Fashion retail: fashion stores, high-end fashion stores
• Supermarkets: non-food areas

Specifications

Type	RS740B (compact, fixed version), light source color CrispWhite (CRW)	Correlated Color Temperature	3000 K
	RS741B (compact, adjustable version), light source color CrispWhite (CRW)	Color Rendering Index	95 (light color 930, CrispWhite)
	RS750B (performance, fixed version), light source color CrispWhite (CRW)	Standard deviation color matching	3
	RS751B (performance, adjustable version), light source color CrispWhite (CRW)	Lumen maintenance at median useful life* 50000 h	L80
	RS752B (performance, elbow version), light source color CrispWhite (CRW)	Control gear failure rate at median useful life 50000 h	5%
Ceiling type	Plaster (board) ceiling	Performance Ambient Temperature Tq	+25 ºC
Light source	Non-replaceable LED module	Driver failure rate	1% per 5000 hours
Power	Compact versions: 20 W (LED11S), 22 W (LED17S), 34 W (LED27S)	Operating temperature range	+10 to +35 ºC
	Performance versions: 32 W (LED27S), 60 W (LED39S)		
Beam angle	Compact versions: NB (11º), MB (25º), WB (35º)		
	Performance versions: NB (15º) ,MB (22º), WB (36º), VWB (52º)		
Luminous flux	Compact fixed and adjustable versions: 1500 lm (for LED11S), 1700 lm (for LED17S), 2700 lm (for LED27S)		
	Performance fixed and adjustable versions: 3900 lm (for LED39S)		
	Performance elbow versions: 2700 lm (for LED27S), 3900 lm (for LED39S)		

Specifications

Driver	Separate	Optical cover	Glass (for narrow beam)
Mains voltage	230 or 240 V / 50-60 Hz		Acrylic cover (AC) (for other beams)
Dimming	Non-dimmable (PSU)		Linear-lens array, oval shape (LIN)
	DALI-dimmable (PSD)	Connection	Push-in connector or with pull relief (default option)
Material	Rings: metal		Wieland/Adels compatible connector available as an option (CW3) for fixed versions with DALI driver
	Heatsink: die-cast aluminum		
	Front cover: acrylic	Installation	Fixation by means of spring fasteners
	Optic: plastic, metalized	Remarks	Retailers generally want high-quality light sources that illuminate fabrics in the truest way possible, making colors appear rich and intense, while keeping whites bright.
Color	Black (BK, RAL9004)		
	White (WH, RAL9003)		CrispWhite has been developed as special solution for fashion environments to bring out in the best way both colors and whites.
	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		

Versions

LuxSpace Accent CrispWhite RS741B
adjustable spotlight with LED light
source, compact version

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Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No

Operating and Electrical

Input Voltage	220 to 240 V

General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Optical cover/lens type	-
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1 pc
UL mark	-

Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.39) SDCM <3
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥95
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White

General Information

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
910500457111	RS741B LED17S/CRW PSE-E MB WH	LED17S	Medium beam	RS741B
910500457112	RS741B LED17S/CRW PSE-E WB WH	LED17S	Wide beam	RS741B
910500457113	RS741B LED27S/CRW PSE-E MB WH	LED27S	Medium beam	RS741B
910500457114	RS741B LED27S/CRW PSE-E WB WH	LED27S	Wide beam	RS741B
910500459421	RS751B LED39S/CRW PSE-E MB WH	LED39S	Medium beam	RS751B
910500459422	RS751B LED39S/CRW PSE-E WB WH	LED39S	Wide beam	RS751B
910500459423	RS752B LED27S/CRW PSE-E MB WH	-	Medium beam	RS752B
910500459424	RS752B LED27S/CRW PSE-E WB WH	-	Wide beam	RS752B
910500459425	RS752B LED39S/CRW PSE-E MB WH	-	Medium beam	RS752B
910500459426	RS752B LED39S/CRW PSE-E WB WH	-	Wide beam	RS752B

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500457111	RS741B LED17S/CRW PSE-E MB WH	85.1 lm/W	1650 lm	19.4 W
910500457112	RS741B LED17S/CRW PSE-E WB WH	85.1 lm/W	1650 lm	19.4 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500457113	RS741B LED27S/CRW PSE-E MB WH	84.4 lm/W	2700 lm	32 W
910500457114	RS741B LED27S/CRW PSE-E WB WH	84.4 lm/W	2700 lm	32 W

LuxSpace Accent CrispWhite

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500459421	RS751B LED39S/CRW PSE-E MB WH	80.8 lm/W	4000 lm	49.5 W
910500459422	RS751B LED39S/CRW PSE-E WB WH	78.8 lm/W	3900 lm	49.5 W
910500459423	RS752B LED27S/CRW PSE-E MB WH	91.8 lm/W	2800 lm	30.5 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500459424	RS752B LED27S/CRW PSE-E WB WH	88.5 lm/W	2700 lm	30.5 W
910500459425	RS752B LED39S/CRW PSE-E MB WH	80.8 lm/W	4000 lm	49.5 W
910500459426	RS752B LED39S/CRW PSE-E WB WH	78.8 lm/W	3900 lm	49.5 W

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