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)
	RS741B (compact, adjustable version), light source color CrispWhite (CRW)
	RS750B (performance, fixed version), light source color CrispWhite (CRW)
	RS751B (performance, adjustable version), light source color CrispWhite (CRW)
	RS752B (performance, elbow version), light source color CrispWhite (CRW)
Ceiling type	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	Compact versions: 20 W (LED11S), 22 W (LED17S), 34 W (LED27S)
	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)

Correlated Color Temperature	3000 K
Color Rendering Index	95 (light color 930, CrispWhite)
Standard deviation color matching	3
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
Average ambient temperature	+25 ºC
Driver failure rate	1% per 5000 hours
Operating temperature range	+10 to +35 ºC

Specifications

Driver	Separate
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	Glass (for narrow beam)
	Acrylic cover (AC) (for other beams)
	Linear-lens array, oval shape (LIN)
Connection	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	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.
	CrispWhite has been developed as special solution for fashion environments to bring out in the best way both colors and whites.

Versions

LuxSpace Accent CrispWhite

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 (II)
Optical cover/lens type	No
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)	
Initial chromaticity	(0.43, 0.39) SDCM <3
Init. Corr. Colour Temperature	3000 K
Init. Colour Rendering Index	≥95
Luminous flux tolerance	+/-10%

Mechanical and Housing	
Colour	White

General Information

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
16710300	RS751B LED39S/CRW PSE-E MB WH	LED39S	MB	RS751B
16711000	RS751B LED39S/CRW PSE-E WB WH	LED39S	WB	RS751B
16712700	RS752B LED27S/CRW PSE-E MB WH	-	MB	RS752B
16713400	RS752B LED27S/CRW PSE-E WB WH	-	WB	RS752B
16714100	RS752B LED39S/CRW PSE-E MB WH	-	MB	RS752B
16715800	RS752B LED39S/CRW PSE-E WB WH	-	WB	RS752B

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
16710300	RS751B LED39S/CRW PSE-E MB WH	80.8 lm/W	4000 lm	49.5 W
16711000	RS751B LED39S/CRW PSE-E WB WH	78.8 lm/W	3900 lm	49.5 W
16712700	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
16713400	RS752B LED27S/CRW PSE-E WB WH	88.5 lm/W	2700 lm	30.5 W
16714100	RS752B LED39S/CRW PSE-E MB WH	80.8 lm/W	4000 lm	49.5 W
16715800	RS752B LED39S/CRW PSE-E WB WH	78.8 lm/W	3900 lm	49.5 W

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