StyliD – the best energy-efficient range for retail applications

StyliD

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, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with 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
· Range of accessories (honeycomb, snoot)

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Application

· Retail: fashion and food stores

Specifications

Type		Colour Rendering Index	80
	ST730T (mini, 3C-track version)		90
	ST730C (mini, base plate version)		>95
	ST740T (compact, 3C-track version)	Standard deviation	3 (with a tolerance of +/- 0.005 on colour point measurement)
	ST740C (compact, base plate version)	colour matching	
	ST750T (performance, 3C-track version)	(SDCM)	
	ST750C (performance, base plate version)	Lumen maintenance at	L80
Light source	Non-replaceable LED module	median useful life*	
Power	Mini versions	50,000 h	
	NB (LED11S): 15 to 18 W (depending on light colour)	Control gear failure rate	5%
	MB, WB (LED12S): 12 to 16 W (depending on light colour)	at median useful life	
	Compact versions	50,000 h	
	NB (LED20S): 27 W	Performance Ambient	+25 ºC
	MB, WB (LED17S): 16 to 20 W (depending on light colour)	Temperature Tq	
	MB, WB (LED27S): 25 to 32 W (depending on light colour)	Operating temperature	+10 to +35 ºC
	MB, WB (LED39S): 39 W	range	
	Performance versions	Driver failure rate	1% for 5,000 hours
	NB (LED40S): 55 W	Driver	Built-in
	MB, WB, LIN (LED27S): 24 to 31 W	Mains voltage	230 or 240 V/50-60 Hz
	MB, WB, VWB, LIN (LED39S): 35 to 46 W (depending on light colour)	Dimming	Mini and compact versions
			Non-dimmable (PSE when emergency lighting is included, PSU when emergency lighting is not included)
	MB, WB, VWB, LIN (LED49S): 47 to 56 W (depending on light colour)		DALI-dimmable (PSED when emergency lighting is included, PSU when emergency lighting is not included)
Beam angle	Mini and compact versions		Performance versions
	NB (10º)		Fix (PSE-E when DC compatible, PSU when NOT DC compatible)
	MB (28-24-30º)		
	WB (36-34-37º)		DALI (PSED-E when DC compatible, PSU when NOT DC compatible)
	LIN (oval lens)		
	Performance versions	Material	Gearbox: plastic
	NB (15º)		Head and heatsink: die-cast aluminium
	MB (21º, +/- 2 degrees depending on lumen package)		Front cover: acrylic or glass
	WB (30º, +/- 2 degrees depending on lumen package)	Colour	Black (BK, RAL9004)
	VWB (53º, +/- 2 degrees depending on lumen package)		White (WH, RAL9003)
	WB LIN (WB + oval lens): 29 x 51º		White-Black (WH-BK, head housing and front driver box: white, heatsink and sides driver box: black)
	VWB LIN (VWB + oval lens): 46 x 60º		
Luminous flux	Mini versions		Aluminium brushed-black (ALU-BK, head housing and front driver box: brushed aluminium; heatsink and sides driver box: black)
	NB (LED11S): 1,000 lm		
	MB, WB (LED12S): 1,200 lm		
	Compact versions		Silver-black (SI-BK, head housing and front driver box: RAL 9006 metalised grey; heatsink and sides driver box: black)
	NB (LED20S): 1,600 to 2,100 lm (depending on light colour)		
	MB, WB (LED17S): 1,600 to 1,800 lm (depending on light colour)		Other RAL colours available on request
	MB, WB (LED27S): 2,500 to 2,900 lm (depending on light colour)		
	MB, WB (LED39S): 3,200 to 4,200 lm		
Light source colour	827, 830, 840, 930		
Correlated Colour Temperature	2,700, 3,000 or 4,000 K		

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Optical cover	Mini and compact versions		Connection	Track connector (3C for fixed track or 5C6 for DALI track)
	Glass (for narrow beam)			Direct on ceiling; base plate with connection point (BA)
	Acrylic cover (for other beams)		Installation	Track connector (3C for fixed track or 5C6 for DALI track)
	Performance versions			Direct on ceiling; base plate with connection point (BA)
	Clear with jaws (for medium beam)		Accessories	Honeycomb (HC)
	Clear with diffusor foil (for other beams)			Glare shield (GS)

Specifications

Driver failure rate	1% for 5,000 hours
Driver	Built-in
Mains voltage	230 or 240 V/50-60 Hz
Dimming	Mini and compact versions
	Non-dimmable (PSE when emergency lighting is included, PSU when emergency lighting is not included)
	DALI-dimmable (PSED when emergency lighting is included, PSU when emergency lighting is not included)
	Performance versions Fix (PSE-E when DC compatible, PSU when NOT DC compatible)
	DALI (PSED-E when DC compatible, PSU when NOT DC compatible)
Material	Gearbox: plastic
	Head and heatsink: die-cast aluminium
	Front cover: acrylic or glass
Colour	Black (BK, RAL9004)
	White (WH, RAL9003)
	White-Black (WH-BK, head housing and front driver box: white, heatsink and sides driver box: black)
	Aluminium brushed-black (ALU-BK, head housing and front driver box: brushed aluminium; heatsink and sides driver box: black)
	Silver-black (SI-BK, head housing and front driver box: RAL 9006 metalised grey; heatsink and sides driver box: black)
	Other RAL colours available on request

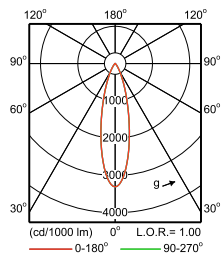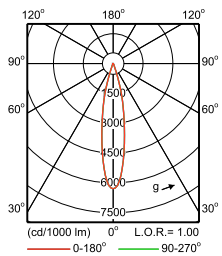| Optical cover	Mini and compact versions Glass (for narrow beam)
	Acrylic cover (for other beams)
	Performance versions Clear with jaws (for medium beam)
	Clear with diffusor foil (for other beams)
Connection	Track connector (3C for fixed track or 5C6 for DALI track)
	Direct on ceiling; base plate with connection point (BA)
Installation	Track connector (3C for fixed track or 5C6 for DALI track)
	Direct on ceiling; base plate with connection point (BA)
Accessories	Honeycomb (HC)
	Glare shield (GS)

Accessories

Ordercode 910500454752, 910500454754

Blendschutz

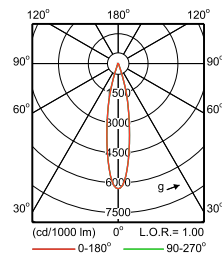Ordercode 910500454753

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Polar Wide Diagrams

IFPS_ST530C 1xLED7S/840 MB GC +ST530Z

HC-Polar Normal (separate)

IFPS_ST530C 1xLED7S/827 MB GC +ST530Z

GS-Polar Normal (separate)

IFPS_ST530C 1xLED7S/830 MB GC +ST530Z

GS-Polar Normal (separate)