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. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

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.

StyliD

Features

- Efficacy of up to 110 lm/W, thanks to very Hi-LOR reflectors (90%) and passive cooling
- 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 for all range
- Dimmable versions
- Range of accessories (honeycomb, snoot)

Application

- Retail: fashion and food stores

Specifications

Type	ST730T (mini, 3C-track version)
	ST730C (mini, base plate version)
	ST740T (compact, 3C-track version)
	ST740C (compact, base plate version)
	ST750T (performance, 3C-track version)
	ST750C (performance, base plate version)
Light source	Non-replaceable LED module
Power	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): 55W
	MB, WB, LIN (LED27S): 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)
Beam angle	Mini and compact versions
	NB (10º)
	MB (28-24-30º)
	WB (36-34-37º)
	LIN (oval lense)
	Performance versions
	NB (15º)
	MB (21º, +/- 2 degrees depending on lumen package)
	WB (30º, +/- 2 degrees depending on lumen package)
	VWB (53º, +/- 2 degrees depending on lumen package)
	WB LIN (WB + oval lense) : 29 x 51º
	VWB LIN (VWB + oval lense) : 46 x 60º

Luminous flux	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
Light source color	827, 830, 840, 930
Correlated Color Temperature	2700, 3000 or 4000 K
Color Rendering Index	80
	90
	>95
Standard deviation color matching (SDCM)	3 (with a tolerance of +/- 0,005 on color point measurement)
Lumen maintenance at median useful life* 50000 h	L80
Control gear failure rate at median useful life 50000 h	5%
Performance Ambient Temperature Tq	+25 ºC
Operating temperature range	+10 to +35 ºC
Driver failure rate	1% for 5000 hours
Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz

StyliD

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 aluminum
	Front cover: acrylic or glass
Color	Black (BK, RAL9004)
	White (WH, RAL9003)
	White-Black (WH-BK, head housing and front driver box: white, heatsink and sides driver box: black)
	Aluminum brushed-black (ALU-BK, head housing and front driver box: brushed aluminum; heatsink and sides driver box: black)
	Silver–black (SI-BK, head housing and front driver box: RAL 9006 metalized grey; heatsink and sides driver box: black)
	Other RAL colors 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 fix track or 5C6 for DALI track)
	Direct on ceiling; baseplate with connection point (BA)
Installation	Track connector (3C for fix track or 5C6 for DALI track)
	Direct on ceiling; baseplate with connection point (BA)
Accessories	Honeycomb (HC)
	Glare shield (GS)

Specifications

Driver failure rate	1% for 5000 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 aluminum
	Front cover: acrylic or glass
Color	Black (BK, RAL9004)
	White (WH, RAL9003)
	White-Black (WH-BK, head housing and front driver box: white, heatsink and sides driver box: black)
	Aluminum brushed-black (ALU-BK, head housing and front driver box: brushed aluminum; heatsink and sides driver box: black)
	Silver-black (SI-BK, head housing and front driver box: RAL 9006 metalized grey; heatsink and sides driver box: black)
	Other RAL colors 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 fix track or 5C6 for DALI track)
	Direct on ceiling; baseplate with connection point (BA)
Installation	Track connector (3C for fix track or 5C6 for DALI track)
	Direct on ceiling; baseplate with connection point (BA)
Accessories	Honeycomb (HC)
	Glare shield (GS)

StyliD

Versions

StyliD ST740T track projector with LED light source, compact version

Product details

IPDP_ST730Ci_0011-Detail photo

IPDP_ST730Ci_0008-Detail photo

StyliD

Accessories

Honey comb
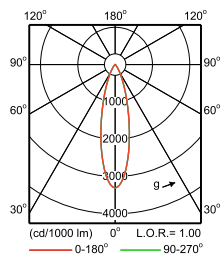
Ordercode 910500454752,
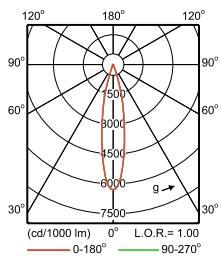910500454754, 910500454756

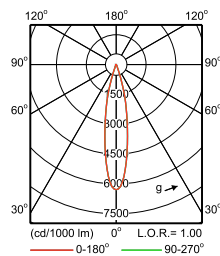Glare shield

Ordercode 910500454753,
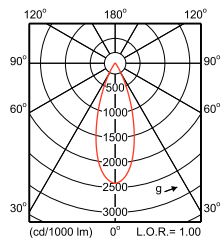910500454755, 910500454757

Polar Wide Diagrams

**IFPS_ST530C 1xLED7S/840 MB GC +ST530Z
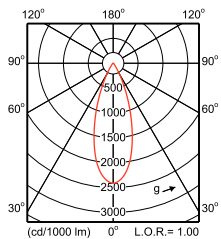HC-Polar Normal (separate)**

**IFPS_ST530C 1xLED7S/827 MB GC +ST530Z
GS-Polar Normal (separate)**

**IFPS_ST530C 1xLED7S/830 MB GC +ST530Z
GS-Polar Normal (separate)**

**IFPS_ST740T 1xLED27S/840 WB-Polar Normal
(separate)**

**IFPS_ST740T 1xLED39S/840 WB-Polar Normal
(separate)**

StyliD

www.lighting.philips.com

2020, July 10 – data subject to change