



EcoStyle – efficient and affordable

EcoStyle

Retailers are looking for an affordable LED accent-lighting solution with a reasonable payback compared to conventional technologies. Now, thanks to EcoStyle, they need look no further. With a LED light source and dedicated reflector system, EcoStyle delivers powerful, good-quality accent lighting, enabling retailers to display their merchandise in the best possible light. For food and fashion retailers, EcoStyle is available with special light recipes to further enhance the store ambiance and to show the produce and goods on offer in the very best light: Fresh Food Champagne is the perfect LED solution for displaying fruit, vegetables, cheese, bread and pastries in a warm lighting ambiance; Fresh Food Meat creates the best light setting for meat enhancement in a cool natural ambiance; CrispWhite is the clear choice for fashion retailers to make colors appear rich and intense while keeping whites bright. The track-mounted EcoStyle is also available in a choice of black or white finish. And the combination of efficient LED technology and an innovative heatsink ensures that this is a reliable, lasting solution.

Benefits

- Short payback compared with CDM luminaires thanks to high level of system efficacy
- High-quality accent lighting thanks to the light signature of the PerfectAccent reflector
- Energy-efficient and low-maintenance thanks to LED technology

Features

- High efficacy
- Philips PerfectAccent quality of light
- CDM retrofit track-mounted luminaire
- Clean, robust design
- 5 different light recipes

Application

- Retail stores, especially food and fashion

Specifications

Type	ST440T
Light source	Non-replaceable LED module
Power	18 W (LED17S; 830 and 840) 30 W (LED27S; 830, 840) 31 W (LED19S; Fresh Food Meat, FMT) 35.5 W (LED27S; CrispWhite, CRW) 37 W (LED35S; 830 and 840) 50 W (LED27S; Fresh Food Champagne, CH)
Beam angle	MB (20° for LED27S) WB (33° for LED27S)
Luminous flux	1700, 2700, 3400 lm (light color 830) 1800, 2900, 3600 lm (light color 840) 1900 lm (Fresh Food Meat, FMT) 2600 lm (Fresh Food Champagne, CH) 2700 lm (CrispWhite, CRW)
Correlated Color Temperature	2500 K (LED27S; Fresh Food Champagne, CH) 3000K 4000K
Color Rendering Index	>80 (830, 840) 87 (Fresh Food Meat, FMT) 90 (Fresh Food Champagne, CH) >93 (CrispWhite, CRW)
Standard deviation color matching (SDCM)	3 (with a tolerance of +/- 0,005 on color point measurement)

Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	
Average ambient temperature	+25 °C
Operating temperature range	0 to +35 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	DALI dimming on request
Material	Driver box: plastic Heatsink: die-cast aluminum Reflector: polycarbonate Optic cover: polymethylmethacrylate (PMMA)
Color	White (WH, RAL 9003), black (BK, RAL 9004)
Connection	3C track adapter
Installation	On 3-circuit track Through-wiring not possible

Versions



EcoStyle track mounting - LED
Module, system flux 1700 lm



EcoStyle track mounting - LED
Module, system flux 1,700 lm

Product details



EcoStyle-ST440T-3DPP.TIF



EcoStyle-ST440T-1DPP.TIF



EcoStyle-ST440T-2DPP.TIF

Application Conditions

Ambient temperature range	0 to +35 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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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)
Optical cover/lens type	ACC
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
Product Family Code	ST440T

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	80
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Cap-Base	Lamp family code	Optic type
25910800	ST440T LED17S/830 PSU MB BK	-	LED17S	MB
25911500	ST440T LED17S/840 PSU MB BK	-	LED17S	MB
25913900	ST440T LED17S/840 PSU WB BK	-	LED17S	WB
25921400	ST440T LED27S/840 PSU MB BK	-	LED27S	MB
25923800	ST440T LED27S/840 PSU WB BK	-	LED27S	WB
25930600	ST440T LED39S/830 PSU MB BK	-	LED35S	MB
25931300	ST440T LED39S/840 PSU MB BK	-	LED35S	MB
25932000	ST440T LED39S/830 PSU WB BK	-	LED35S	WB
25933700	ST440T LED39S/840 PSU WB BK	-	LED35S	WB
85339900	ST440T LED19S/FMT PSU WB BK	-	LED19S	WB
25914600	ST440T LED17S/830 PSU MB WH	-	LED17S	MB
25917700	ST440T LED17S/840 PSU WB WH	-	LED17S	WB
25924500	ST440T LED27S/830 PSU MB WH	-	LED27S	MB
25925200	ST440T LED27S/840 PSU MB WH	-	LED27S	MB
25926900	ST440T LED27S/830 PSU WB WH	-	LED27S	WB
25927600	ST440T LED27S/840 PSU WB WH	-	LED27S	WB
25934400	ST440T LED39S/830 PSU MB WH	-	LED35S	MB
25935100	ST440T LED39S/840 PSU MB WH	-	LED35S	MB
25936800	ST440T LED39S/830 PSU WB WH	-	LED35S	WB
25937500	ST440T LED39S/840 PSU WB WH	-	LED35S	WB
85340500	ST440T LED19S/FMT PSU WB WH	-	LED19S	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
25910800	ST440T LED17S/830 PSU MB BK	(0.43, 0.40)	3000 K	118.05555555555556 lm/W	1700 lm	25923800	ST440T LED27S/840 PSU WB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
25911500	ST440T LED17S/840 PSU MB BK	(0.38, 0.38)	4000 K	125 lm/W	1800 lm	25930600	ST440T LED39S/830 PSU MB BK	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
25913900	ST440T LED17S/840 PSU WB BK	(0.38, 0.38)	4000 K	125 lm/W	1800 lm	25931300	ST440T LED39S/840 PSU MB BK	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
25921400	ST440T LED27S/840 PSU MB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm	25932000	ST440T LED39S/830 PSU WB BK	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
25933700	ST440T LED39S/8 40 PSU WB BK	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
85339900	ST440T LED19S/F MT PSU WB BK	(0.40, 0.33)	3000 K	70.37037037037037 lm/W	1900 lm
25914600	ST440T LED17S/83 0 PSU MB WH	(0.43, 0.40)	3000 K	118.05555555555556 lm/W	1700 lm
25917700	ST440T LED17S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	125 lm/W	1800 lm
25924500	ST440T LED27S/8 30 PSU MB WH	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm
25925200	ST440T LED27S/8 40 PSU MB WH	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
25926900	ST440T LED27S/8	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
	30 PSU WB WH				
25927600	ST440T LED27S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
25934400	ST440T LED39S/8 30 PSU MB WH	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
25935100	ST440T LED39S/8 40 PSU MB WH	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
25936800	ST440T LED39S/8 30 PSU WB WH	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
25937500	ST440T LED39S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
85340500	ST440T LED19S/F MT PSU WB WH	(0.40, 0.33)	3000 K	70.37037037037037 lm/W	1900 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
25910800	ST440T LED17S/830 PSU MB BK	14.4 W
25911500	ST440T LED17S/840 PSU MB BK	14.4 W
25913900	ST440T LED17S/840 PSU WB BK	14.4 W
25921400	ST440T LED27S/840 PSU MB BK	23.5 W
25923800	ST440T LED27S/840 PSU WB BK	23.5 W
25930600	ST440T LED39S/830 PSU MB BK	31.5 W
25931300	ST440T LED39S/840 PSU MB BK	31.5 W
25932000	ST440T LED39S/830 PSU WB BK	31.5 W
25933700	ST440T LED39S/840 PSU WB BK	31.5 W
85339900	ST440T LED19S/FMT PSU WB BK	27 W
25914600	ST440T LED17S/830 PSU MB WH	14.4 W

Order Code	Full Product Name	Initial input power
25917700	ST440T LED17S/840 PSU WB WH	14.4 W
25924500	ST440T LED27S/830 PSU MB WH	23.5 W
25925200	ST440T LED27S/840 PSU MB WH	23.5 W
25926900	ST440T LED27S/830 PSU WB WH	23.5 W
25927600	ST440T LED27S/840 PSU WB WH	23.5 W
25934400	ST440T LED39S/830 PSU MB WH	31.5 W
25935100	ST440T LED39S/840 PSU MB WH	31.5 W
25936800	ST440T LED39S/830 PSU WB WH	31.5 W
25937500	ST440T LED39S/840 PSU WB WH	31.5 W
85340500	ST440T LED19S/FMT PSU WB WH	27 W

Mechanical and Housing

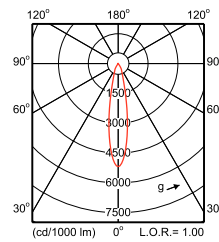
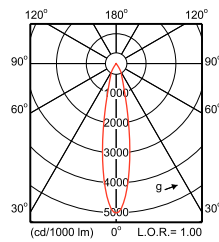
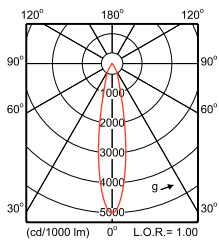
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25910800	ST440T LED17S/830 PSU MB BK	Black
25911500	ST440T LED17S/840 PSU MB BK	Black
25913900	ST440T LED17S/840 PSU WB BK	Black
25921400	ST440T LED27S/840 PSU MB BK	Black

Order Code	Full Product Name	Colour
25923800	ST440T LED27S/840 PSU WB BK	Black
25930600	ST440T LED39S/830 PSU MB BK	Black
25931300	ST440T LED39S/840 PSU MB BK	Black
25932000	ST440T LED39S/830 PSU WB BK	Black

Order Code	Full Product Name	Colour
25933700	ST440T LED39S/840 PSU WB BK	Black
85339900	ST440T LED19S/FMT PSU WB BK	Black
25914600	ST440T LED17S/830 PSU MB WH	White
25917700	ST440T LED17S/840 PSU WB WH	White
25924500	ST440T LED27S/830 PSU MB WH	White
25925200	ST440T LED27S/840 PSU MB WH	White
25926900	ST440T LED27S/830 PSU WB WH	White

Order Code	Full Product Name	Colour
25927600	ST440T LED27S/840 PSU WB WH	White
25934400	ST440T LED39S/830 PSU MB WH	White
25935100	ST440T LED39S/840 PSU MB WH	White
25936800	ST440T LED39S/830 PSU WB WH	White
25937500	ST440T LED39S/840 PSU WB WH	White
85340500	ST440T LED19S/FMT PSU WB WH	White

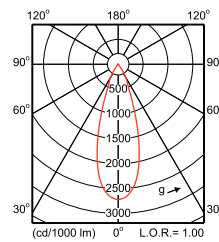
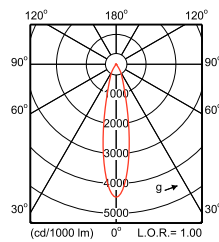
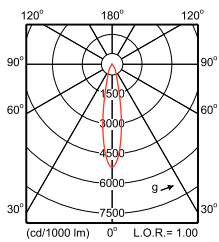
Polar Wide Diagrams



IFPS_ST440T 1xLED17S/830 MB-Polar Normal
(separate)

IFPS_ST440T 1xLED17S/840 MB-Polar Normal
(separate)

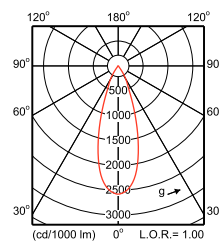
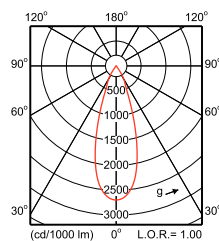
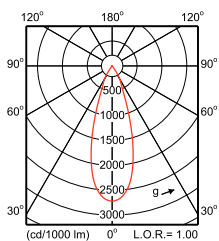
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(separate)



IFPS_ST440T 1xLED27S/840 MB-Polar Normal
(separate)

IFPS_ST440T 1xLED35S/840 MB-Polar Normal
(separate)

IFPS_ST440T 1xLED17S/830 WB-Polar Normal
(separate)

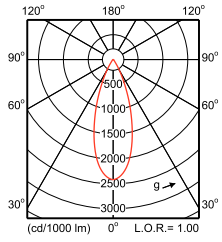


IFPS_ST440T 1xLED17S/840 WB-Polar Normal
(separate)

IFPS_ST440T 1xLED27S/830 WB-Polar Normal
(separate)

IFPS_ST440T 1xLED35S/840 WB-Polar Normal
(separate)

Polar Wide Diagrams



IFPS_ST440T 1xLED27S/CH WB-Polar Normal
(separate)

