



# 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

### Features

### Application

### 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)

<b>Beam angle</b>	MB (20° for LED27S) WB (33° for LED27S)
<b>Luminous flux</b>	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)
<b>Correlated Color Temperature</b>	2500 K (LED27S; Fresh Food Champagne, CH) 3000K 4000K
<b>Color Rendering Index</b>	>80 (830, 840) 87 (Fresh Food Meat, FMT) 90 (Fresh Food Champagne, CH) >93 (CrispWhite, CRW)
<b>Standard deviation color matching (SDCM)</b>	3 (with a tolerance of +/- 0,005 on color point measurement)
<b>Median useful life L70B50</b>	70,000 hours
<b>Median useful life L80B50</b>	50,000 hours

<b>Median useful life L90B50</b>	25,000 hours
<b>Average ambient temperature</b>	+25 °C
<b>Operating temperature range</b>	0 to +35 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	DALI dimming on request
<b>Material</b>	Driver box: plastic Heatsink: die-cast aluminum Reflector: polycarbonate Optic cover: polymethylmethacrylate (PMMA)
<b>Color</b>	White (WH, RAL 9003), black (BK, RAL 9004)
<b>Connection</b>	3C track adapter
<b>Installation</b>	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



EcoStyle track mounting - 830  
warm white - Power supply unit -  
Medium beam - Safety class II -  
Black



EcoStyle track mounting - 830  
warm white - Power supply unit -  
Medium beam - Safety class II -  
White

Product details



EcoStyle-ST440T-3DPP.TIF



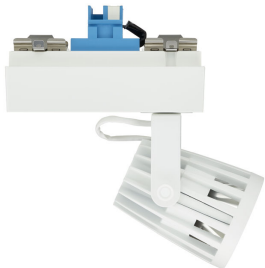
EcoStyle-ST440T-1DPP.TIF



EcoStyle-ST440T-2DPP.TIF



EcoStyle-ST440S-WH-1DPP.tif



EcoStyle-ST440S-WH-2DPP.tif



EcoStyle-ST440S-WH-3DPP.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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**General Information**

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
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

**Initial Performance (IEC Compliant)**

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

**Operating and Electrical**

Order Code	Full Product Name	Input Voltage
25910800	ST440T LED17S/830 PSU MB BK	220 to 240 V
25911500	ST440T LED17S/840 PSU MB BK	220 to 240 V
25913900	ST440T LED17S/840 PSU WB BK	220 to 240 V
25921400	ST440T LED27S/840 PSU MB BK	220 to 240 V
25923800	ST440T LED27S/840 PSU WB BK	220 to 240 V
25930600	ST440T LED39S/830 PSU MB BK	220 to 240 V
25931300	ST440T LED39S/840 PSU MB BK	220 to 240 V
25932000	ST440T LED39S/830 PSU WB BK	220 to 240 V
25933700	ST440T LED39S/840 PSU WB BK	220 to 240 V
85339900	ST440T LED19S/FMT PSU WB BK	220 to 240 V
39942900	ST440T LED27S/CH PSU WB BK	220-240 V
25914600	ST440T LED17S/830 PSU MB WH	220 to 240 V
25917700	ST440T LED17S/840 PSU WB WH	220 to 240 V
25924500	ST440T LED27S/830 PSU MB WH	220 to 240 V
25925200	ST440T LED27S/840 PSU MB WH	220 to 240 V
25926900	ST440T LED27S/830 PSU WB WH	220 to 240 V
25927600	ST440T LED27S/840 PSU WB WH	220 to 240 V
25934400	ST440T LED39S/830 PSU MB WH	220 to 240 V
25935100	ST440T LED39S/840 PSU MB WH	220 to 240 V
25936800	ST440T LED39S/830 PSU WB WH	220 to 240 V
25937500	ST440T LED39S/840 PSU WB WH	220 to 240 V
85340500	ST440T LED19S/FMT PSU WB WH	220 to 240 V
39943600	ST440T LED27S/CH PSU WB WH	220-240 V
39940500	ST440S LED27S/CH PSU WB BK	220-240 V
39941200	ST440S LED27S/CH PSU WB WH	220-240 V

**General Information (1/2)**

Order Code	Full Product Name	Cap-Base	Optical cover/lens type	Lamp family code	Number of light sources
25910800	ST440T LED17S/830 PSU MB BK	-	ACC	LED17S	1
25911500	ST440T LED17S/840 PSU MB BK	-	ACC	LED17S	1
25913900	ST440T LED17S/840 PSU WB BK	-	ACC	LED17S	1
25921400	ST440T LED27S/840 PSU MB BK	-	ACC	LED27S	1
25923800	ST440T LED27S/840 PSU WB BK	-	ACC	LED27S	1
25930600	ST440T LED39S/830 PSU MB BK	-	ACC	LED35S	1
25931300	ST440T LED39S/840 PSU MB BK	-	ACC	LED35S	1
25932000	ST440T LED39S/830 PSU WB BK	-	ACC	LED35S	1
25933700	ST440T LED39S/840 PSU WB BK	-	ACC	LED35S	1

Order Code	Full Product Name	Cap-Base	Optical cover/lens type	Lamp family code	Number of light sources
85339900	ST440T LED19S/FMT PSU WB BK	-	ACC	LED19S	1
39942900	ST440T LED27S/CH PSU WB BK	-	-	-	-
25914600	ST440T LED17S/830 PSU MB WH	-	ACC	LED17S	1
25917700	ST440T LED17S/840 PSU WB WH	-	ACC	LED17S	1
25924500	ST440T LED27S/830 PSU MB WH	-	ACC	LED27S	1
25925200	ST440T LED27S/840 PSU MB WH	-	ACC	LED27S	1
25926900	ST440T LED27S/830 PSU WB WH	-	ACC	LED27S	1
25927600	ST440T LED27S/840 PSU WB WH	-	ACC	LED27S	1
25934400	ST440T LED39S/830 PSU MB WH	-	ACC	LED35S	1

Order Code	Full Product Name	Cap-Base	Optical cover/lens type	Lamp family code	Number of light sources
25935100	ST440T LED39S/840 PSU MB WH	-	ACC	LED35S	1
25936800	ST440T LED39S/830 PSU WB WH	-	ACC	LED35S	1
25937500	ST440T LED39S/840 PSU WB WH	-	ACC	LED35S	1
85340500	ST440T LED19S/FMT PSU WB WH	-	ACC	LED19S	1

Order Code	Full Product Name	Cap-Base	Optical cover/lens type	Lamp family code	Number of light sources
39943600	ST440T LED27S/CH PSU WB WH	-	-	-	-
39940500	ST440S LED27S/CH PSU WB BK	-	-	-	-
39941200	ST440S LED27S/CH PSU WB WH	-	-	-	-

General Information (2/2)

Order Code	Full Product Name	Optic type	Product Family Code
25910800	ST440T LED17S/830 PSU MB BK	MB	ST440T
25911500	ST440T LED17S/840 PSU MB BK	MB	ST440T
25913900	ST440T LED17S/840 PSU WB BK	WB	ST440T
25921400	ST440T LED27S/840 PSU MB BK	MB	ST440T
25923800	ST440T LED27S/840 PSU WB BK	WB	ST440T
25930600	ST440T LED39S/830 PSU MB BK	MB	ST440T
25931300	ST440T LED39S/840 PSU MB BK	MB	ST440T
25932000	ST440T LED39S/830 PSU WB BK	WB	ST440T
25933700	ST440T LED39S/840 PSU WB BK	WB	ST440T
85339900	ST440T LED19S/FMT PSU WB BK	WB	ST440T
39942900	ST440T LED27S/CH PSU WB BK	WB	ST440T
25914600	ST440T LED17S/830 PSU MB WH	MB	ST440T
25917700	ST440T LED17S/840 PSU WB WH	WB	ST440T

Order Code	Full Product Name	Optic type	Product Family Code
25924500	ST440T LED27S/830 PSU MB WH	MB	ST440T
25925200	ST440T LED27S/840 PSU MB WH	MB	ST440T
25926900	ST440T LED27S/830 PSU WB WH	WB	ST440T
25927600	ST440T LED27S/840 PSU WB WH	WB	ST440T
25934400	ST440T LED39S/830 PSU MB WH	MB	ST440T
25935100	ST440T LED39S/840 PSU MB WH	MB	ST440T
25936800	ST440T LED39S/830 PSU WB WH	WB	ST440T
25937500	ST440T LED39S/840 PSU WB WH	WB	ST440T
85340500	ST440T LED19S/FMT PSU WB WH	WB	ST440T
39943600	ST440T LED27S/CH PSU WB WH	WB	ST440T
39940500	ST440S LED27S/CH PSU WB BK	WB	ST440S
39941200	ST440S LED27S/CH PSU WB WH	WB	ST440S

Initial Performance (IEC Compliant) (1/2)

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
25911500	ST440T LED17S/840 PSU MB BK	(0.38, 0.38)	4000 K	125 lm/W	1800 lm
25913900	ST440T LED17S/840 PSU WB BK	(0.38, 0.38)	4000 K	125 lm/W	1800 lm
25921400	ST440T LED27S/840 PSU MB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
25923800	ST440T LED27S/840 PSU WB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
25930600	ST440T LED39S/830 PSU MB BK	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
25931300	ST440T LED39S/840 PSU MB BK	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
25932000	ST440T LED39S/830 PSU WB BK	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
25933700	ST440T LED39S/840 PSU WB BK	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
85339900	ST440T LED19S/F MT PSU WB BK	(0.40, 0.33)	3000 K	70.37037037037037 lm/W	1900 lm
39942900	ST440T LED27S/C H PSU WB BK	(0.4578, 0.4101)	2700 K	110.63829787234043 lm/W	2600 lm
25914600	ST440T LED17S/83 O 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 30 PSU WB WH	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm
25927600	ST440T LED27S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
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
39943600	ST440T LED27S/C H PSU WB WH	(0.4578, 0.4101)	2700 K	110.63829787234043 lm/W	2600 lm
39940500	ST440S LED27S/C H PSU WB BK	(0.4578, 0.4101)	2700 K	110.63829787234043 lm/W	2600 lm
39941200	ST440S LED27S/C H PSU WB WH	(0.4578, 0.4101)	2700 K	110.63829787234043 lm/W	2600 lm

Initial Performance (IEC Compliant) (2/2)

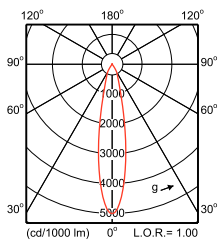
Order Code	Full Product Name	Initial input power
25910800	ST440T LED17S/830 PSU MB BK	14.4 W
25911500	ST440T LED17S/840 PSU MB BK	14.4 W
25913900	ST440T LED17S/840 PSU WB BK	14.4 W
25921400	ST440T LED27S/840 PSU MB BK	23.5 W
25923800	ST440T LED27S/840 PSU WB BK	23.5 W
25930600	ST440T LED39S/830 PSU MB 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
39942900	ST440T LED27S/CH PSU WB BK	23.5 W
25914600	ST440T LED17S/830 PSU MB WH	14.4 W
25917700	ST440T LED17S/840 PSU WB WH	14.4 W

Order Code	Full Product Name	Initial input power
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
39943600	ST440T LED27S/CH PSU WB WH	23.5 W
39940500	ST440S LED27S/CH PSU WB BK	23.5 W
39941200	ST440S LED27S/CH PSU WB WH	23.5 W

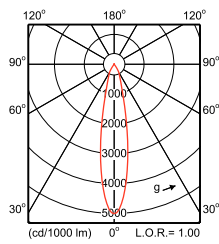
**Mechanical and Housing**

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
25910800	ST440T LED17S/830 PSU MB BK	Black	25924500	ST440T LED27S/830 PSU MB WH	White
25911500	ST440T LED17S/840 PSU MB BK	Black	25925200	ST440T LED27S/840 PSU MB WH	White
25913900	ST440T LED17S/840 PSU WB BK	Black	25926900	ST440T LED27S/830 PSU WB WH	White
25921400	ST440T LED27S/840 PSU MB BK	Black	25927600	ST440T LED27S/840 PSU WB WH	White
25923800	ST440T LED27S/840 PSU WB BK	Black	25934400	ST440T LED39S/830 PSU MB WH	White
25930600	ST440T LED39S/830 PSU MB BK	Black	25935100	ST440T LED39S/840 PSU MB WH	White
25931300	ST440T LED39S/840 PSU MB BK	Black	25936800	ST440T LED39S/830 PSU WB WH	White
25932000	ST440T LED39S/830 PSU WB BK	Black	25937500	ST440T LED39S/840 PSU WB WH	White
25933700	ST440T LED39S/840 PSU WB BK	Black	85340500	ST440T LED19S/FMT PSU WB WH	White
85339900	ST440T LED19S/FMT PSU WB BK	Black	39943600	ST440T LED27S/CH PSU WB WH	Black
39942900	ST440T LED27S/CH PSU WB BK	White	39940500	ST440S LED27S/CH PSU WB BK	Black
25914600	ST440T LED17S/830 PSU MB WH	White	39941200	ST440S LED27S/CH PSU WB WH	White
25917700	ST440T LED17S/840 PSU WB WH	White			

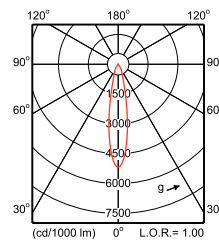
**Polar Wide Diagrams**



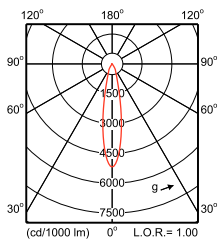
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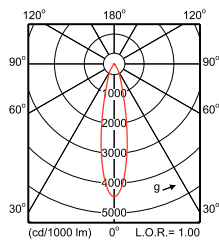
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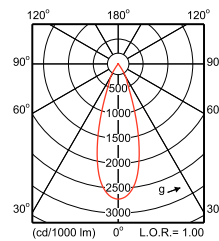
**IFPS\_ST440T 1xLED27S/830 MB-Polar Normal (separate)**



**IFPS\_ST440T 1xLED27S/840 MB-Polar Normal (separate)**

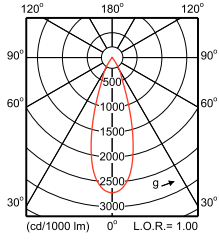


**IFPS\_ST440T 1xLED39S/840 MB-Polar Normal (separate)**

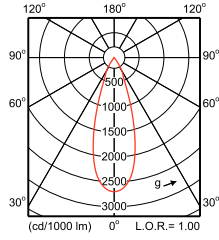


**IFPS\_ST440T 1xLED17S/830 WB-Polar Normal (separate)**

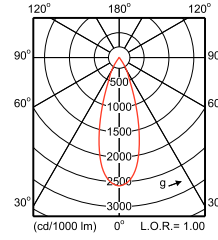
Polar Wide Diagrams



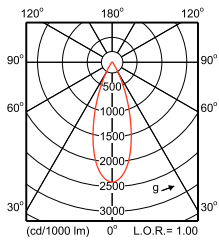
**IFPS\_ST440T 1xLED17S/840 WB-Polar Normal**  
(separate)



**IFPS\_ST440T 1xLED27S/830 WB-Polar Normal**  
(separate)



**IFPS\_ST440T 1xLED35S/840 WB-Polar Normal**  
(separate)



**IFPS\_ST440T 1xLED27S/CH WB-Polar Normal**  
(separate)

