



# 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

<b>Type</b>	ST440T
<b>Light source</b>	Non-replaceable LED module
<b>Power</b>	18 W (LED17S; 830 and 840) 29.5 W (LED27S; 830, 840) 31.5 W (LED19S; Fresh Food Meat, FMT) 35 W (LED27S; CrispWhite, CRW) 31.5 W (LED35S; 830 and 840) 51 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, 3700 lm (light color 840) 1900 lm (Fresh Food Meat, FMT) 2700 lm (Fresh Food Champagne, CH) 2700 lm (CrispWhite, CRW)
<b>Correlated Color Temperature</b>	2500 K (LED27S; Fresh Food Champagne, CH) 3000 K 4000 K
<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>Lumen maintenance at median useful life*</b>	L80 50000 h
<b>Control gear failure rate at median useful life</b>	5% 50000 h
<b>Performance Ambient Temperature Tq</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 1700 lm

# EcoStyle

## Versions



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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**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)
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
Product Family Code	ST440T

**Initial Performance (IEC Compliant)**

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

**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
25912200	ST440T LED17S/830 PSU WB BK	-	ACC	LED17S	1
25913900	ST440T LED17S/840 PSU WB BK	-	ACC	LED17S	1
25920700	ST440T LED27S/830 PSU MB BK	-	ACC	LED27S	1
25921400	ST440T LED27S/840 PSU MB BK	-	ACC	LED27S	1
25922100	ST440T LED27S/830 PSU WB 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
85339900	ST440T LED19S/FMT PSU WB BK	-	ACC	LED19S	1
25914600	ST440T LED17S/830 PSU MB WH	-	ACC	LED17S	1
25915300	ST440T LED17S/840 PSU MB WH	-	ACC	LED17S	1
25916000	ST440T LED17S/830 PSU WB 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
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
17830700	ST440S LED27S/830 PSU MB BK	-	-	-	-
17831400	ST440S LED27S/840 PSU MB BK	-	-	-	-
17833800	ST440S LED27S/840 PSU WB BK	-	-	-	-
17834500	ST440S LED39S/830 PSU MB BK	-	-	-	-
17835200	ST440S LED39S/840 PSU MB BK	-	-	-	-
17844400	ST440S LED27S/830 PSU MB WH	-	-	-	-
17845100	ST440S LED27S/840 PSU MB WH	-	-	-	-
17846800	ST440S LED27S/830 PSU WB WH	-	-	-	-
17847500	ST440S LED27S/840 PSU WB WH	-	-	-	-
17850500	ST440S LED39S/830 PSU WB WH	-	-	-	-
17851200	ST440S LED39S/840 PSU WB WH	-	-	-	-

**General Information (2/2)**

Order Code	Full Product Name	Optic type	Order Code	Full Product Name	Optic type
25910800	ST440T LED17S/830 PSU MB BK	MB	25930600	ST440T LED39S/830 PSU MB BK	MB
25911500	ST440T LED17S/840 PSU MB BK	MB	25931300	ST440T LED39S/840 PSU MB BK	MB
25912200	ST440T LED17S/830 PSU WB BK	WB	25932000	ST440T LED39S/830 PSU WB BK	WB
25913900	ST440T LED17S/840 PSU WB BK	WB	25933700	ST440T LED39S/840 PSU WB BK	WB
25920700	ST440T LED27S/830 PSU MB BK	MB	85339900	ST440T LED19S/FMT PSU WB BK	WB
25921400	ST440T LED27S/840 PSU MB BK	MB	25914600	ST440T LED17S/830 PSU MB WH	MB
25922100	ST440T LED27S/830 PSU WB BK	WB	25915300	ST440T LED17S/840 PSU MB WH	MB
25923800	ST440T LED27S/840 PSU WB BK	WB	25916000	ST440T LED17S/830 PSU WB WH	WB

Order Code	Full Product Name	Optic type
25917700	ST440T LED17S/840 PSU WB WH	WB
25924500	ST440T LED27S/830 PSU MB WH	MB
25925200	ST440T LED27S/840 PSU MB WH	MB
25926900	ST440T LED27S/830 PSU WB WH	WB
25927600	ST440T LED27S/840 PSU WB WH	WB
25934400	ST440T LED39S/830 PSU MB WH	MB
25935100	ST440T LED39S/840 PSU MB WH	MB
25936800	ST440T LED39S/830 PSU WB WH	WB
25937500	ST440T LED39S/840 PSU WB WH	WB
85340500	ST440T LED19S/FMT PSU WB WH	WB
17830700	ST440S LED27S/830 PSU MB BK	MB

Order Code	Full Product Name	Optic type
17831400	ST440S LED27S/840 PSU MB BK	MB
17833800	ST440S LED27S/840 PSU WB BK	WB
17834500	ST440S LED39S/830 PSU MB BK	MB
17835200	ST440S LED39S/840 PSU MB BK	MB
17844400	ST440S LED27S/830 PSU MB WH	MB
17845100	ST440S LED27S/840 PSU MB WH	MB
17846800	ST440S LED27S/830 PSU WB WH	WB
17847500	ST440S LED27S/840 PSU WB WH	WB
17850500	ST440S LED39S/830 PSU WB WH	WB
17851200	ST440S LED39S/840 PSU WB WH	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Color Temperature	Initial LED luminaire efficacy	
25910800	ST440T LED17S/830 PSU MB BK	(0.43, 0.40) SDCM <3	3000 K	118.05555555555556 lm/W	1700 lm
25911500	ST440T LED17S/840 PSU MB BK	(0.38, 0.38) SDCM <5	4000 K	125 lm/W	1800 lm
25912200	ST440T LED17S/830 PSU WB BK	(0.43, 0.40) SDCM <3	3000 K	118.05555555555556 lm/W	1700 lm
25913900	ST440T LED17S/840 PSU WB BK	(0.38, 0.38) SDCM <5	4000 K	125 lm/W	1800 lm
25920700	ST440T LED27S/830 PSU MB BK	(0.43, 0.40) SDCM <3	3000 K	114.8936170212766 lm/W	2700 lm
25921400	ST440T LED27S/840 PSU MB BK	(0.38, 0.38) SDCM <5	4000 K	119.14893617021276 lm/W	2800 lm
25922100	ST440T LED27S/830 PSU WB BK	(0.43, 0.40) SDCM <3	3000 K	114.8936170212766 lm/W	2700 lm
25923800	ST440T LED27S/840 PSU WB BK	(0.38, 0.38) SDCM <5	4000 K	119.14893617021276 lm/W	2800 lm
25930600	ST440T LED39S/830 PSU WB WH	(0.43, 0.40) SDCM <3	3000 K	123.80952380952381 lm/W	3900 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Color Temperature	Initial LED luminaire efficacy	
17831400	ST440S LED27S/840 PSU MB BK				3800 lm
25931300	ST440T LED39S/840 PSU MB BK	(0.38, 0.38) SDCM <5	4000 K	120.63492063492063 lm/W	3800 lm
25932000	ST440T LED39S/830 PSU WB BK	(0.43, 0.40) SDCM <3	3000 K	123.80952380952381 lm/W	3900 lm
25933700	ST440T LED39S/840 PSU WB BK	(0.38, 0.38) SDCM <5	4000 K	120.63492063492063 lm/W	3800 lm
85339900	ST440T LED19S/FMT PSU WB BK	(0.40, 0.33) SDCM <3	3000 K	70.37037037037037 lm/W	1900 lm
25914600	ST440T LED17S/830 PSU MB WH	(0.43, 0.40) SDCM <3	3000 K	118.05555555555556 lm/W	1700 lm
25915300	ST440T LED17S/840 PSU MB WH	(0.38, 0.38) SDCM <5	4000 K	125 lm/W	1800 lm
25916000	ST440T LED17S/830 PSU WB WH	(0.43, 0.40) SDCM <3	3000 K	118.05555555555556 lm/W	1700 lm
25917700	ST440T LED17S/840 PSU WB WH	(0.38, 0.38) SDCM <5	4000 K	125 lm/W	1800 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Color Temperature	Initial LED luminaire efficacy	
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
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
17830700	ST440S LED27S/8 30 PSU MB BK	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Color Temperature	Initial LED luminaire efficacy	
17831400	ST440S LED27S/8 40 PSU MB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
17833800	ST440S LED27S/8 40 PSU WB BK	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
17834500	ST440S LED39S/8 30 PSU MB BK	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
17835200	ST440S LED39S/8 40 PSU MB BK	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 lm
17844400	ST440S LED27S/8 30 PSU MB WH	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm
17845100	ST440S LED27S/8 40 PSU MB WH	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
17846800	ST440S LED27S/8 30 PSU WB WH	(0.43, 0.40)	3000 K	114.8936170212766 lm/W	2700 lm
17847500	ST440S LED27S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	119.14893617021276 lm/W	2800 lm
17850500	ST440S LED39S/8 30 PSU WB WH	(0.43, 0.40)	3000 K	123.80952380952381 lm/W	3900 lm
17851200	ST440S LED39S/8 40 PSU WB WH	(0.38, 0.38)	4000 K	120.63492063492063 lm/W	3800 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
25912200	ST440T LED17S/830 PSU WB BK	14.4 W
25913900	ST440T LED17S/840 PSU WB BK	14.4 W
25920700	ST440T LED27S/830 PSU MB BK	23.5 W
25921400	ST440T LED27S/840 PSU MB BK	23.5 W

Order Code	Full Product Name	Initial input power
25922100	ST440T LED27S/830 PSU WB 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

Order Code	Full Product Name	Initial input power
85339900	ST440T LED19S/FMT PSU WB BK	27 W
25914600	ST440T LED17S/830 PSU MB WH	14.4 W
25915300	ST440T LED17S/840 PSU MB WH	14.4 W
25916000	ST440T LED17S/830 PSU WB WH	14.4 W
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

Order Code	Full Product Name	Initial input power
85340500	ST440T LED19S/FMT PSU WB WH	27 W
17830700	ST440S LED27S/830 PSU MB BK	23.5 W
17831400	ST440S LED27S/840 PSU MB BK	23.5 W
17833800	ST440S LED27S/840 PSU WB BK	23.5 W
17834500	ST440S LED39S/830 PSU MB BK	31.5 W
17835200	ST440S LED39S/840 PSU MB BK	31.5 W
17844400	ST440S LED27S/830 PSU MB WH	23.5 W
17845100	ST440S LED27S/840 PSU MB WH	23.5 W
17846800	ST440S LED27S/830 PSU WB WH	23.5 W
17847500	ST440S LED27S/840 PSU WB WH	23.5 W
17850500	ST440S LED39S/830 PSU WB WH	31.5 W
17851200	ST440S LED39S/840 PSU WB WH	31.5 W

**Mechanical and Housing**

Order Code	Full Product Name	Color
25910800	ST440T LED17S/830 PSU MB BK	Black
25911500	ST440T LED17S/840 PSU MB BK	Black
25912200	ST440T LED17S/830 PSU WB BK	Black
25913900	ST440T LED17S/840 PSU WB BK	Black
25920700	ST440T LED27S/830 PSU MB BK	Black
25921400	ST440T LED27S/840 PSU MB BK	Black
25922100	ST440T LED27S/830 PSU WB BK	Black
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
25933700	ST440T LED39S/840 PSU WB BK	Black
85339900	ST440T LED19S/FMT PSU WB BK	Black
25914600	ST440T LED17S/830 PSU MB WH	White
25915300	ST440T LED17S/840 PSU MB WH	White
25916000	ST440T LED17S/830 PSU WB 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

Order Code	Full Product Name	Color
25926900	ST440T LED27S/830 PSU WB WH	White
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
17830700	ST440S LED27S/830 PSU MB BK	Black
17831400	ST440S LED27S/840 PSU MB BK	Black
17833800	ST440S LED27S/840 PSU WB BK	Black
17834500	ST440S LED39S/830 PSU MB BK	Black
17835200	ST440S LED39S/840 PSU MB BK	Black
17844400	ST440S LED27S/830 PSU MB WH	White
17845100	ST440S LED27S/840 PSU MB WH	White
17846800	ST440S LED27S/830 PSU WB WH	White
17847500	ST440S LED27S/840 PSU WB WH	White
17850500	ST440S LED39S/830 PSU WB WH	White
17851200	ST440S LED39S/840 PSU WB WH	White

