

PRODUCT DATASHEET

DULUX S/E 7W 841

SYLVANIA DULUX® S-E Compact Fluorescent Lamps | 4-pin CFL lamps for electronic ballasts with compact 1/2 inch tube design



Areas of application

- Exit signs
- Showcase and outdoor lighting
- Task and down lights
- Wall sconces
- Recessed and surface ceiling fixtures





Product features

- Dimmable compact fluorescent lamps
- Operates on various ballast systems – Flicker-free start on electronic ballasts
- Less power consumption than incandescent lamps with comparable light output
- Long 20,000 hour average rated life
- Reduces relamping requirements and related costs
- Rare earth tri-phosphor with 82 CRI
- High luminous efficacy
- Static color temperature

TECHNICAL DATA

Additional product data

Base type	2G7
Mercury content	1.3 mg
Ordering Abbreviation	CF7DS/E/841
Abbrev. With Packaging Info.	CF7DSE841 50/CS 1/SKU
SKU UPC	0046135203169
NAED	20316
Family Brand Name	Dulux® S/E
General Description	DULUX 7W single compact fluorescent lamp with 4-pin base, 4100K color emperature, 82 CRI, for use with electronic and dimming ballasts

Electrical data

Nominal Wattage	7.00 W
Nominal voltage	48.00 V

Photometrical data

Lumens	400 lm
Color Temperature/CCT	4000 K
Color Rendering Index (CRI)	82
Light color	840
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76
Rated lamp efficacy (standard co.)	57 lm/W

Dimensions & Weight

Overall length	115.06 mm
Diameter	1.5 in
Maximum diameter	12 mm
Product weight	0.05 lb

Materials & Colors

Lamp Finish	Coated
Bulb shape	S (T4)

Application & Mounting

Dimming	Yes
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Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.96
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Average Rated Life (hr)	20000

Capabilities

Suitable for indoor	Yes
Dimming	Yes

Certificates & Standards

Energy efficiency class	A
Energy consumption	7.81 kWh/1000h
Certification Listing	RoHS

Logistical data

SKU Qty	1
Case Qty	50
Case Length (in)	9.449
Case Width (in)	8.071
Case Depth (in)	5.866
Case Cube (ft)	0.259
Case Weight (lbs)	3.532
SKU UPC	0046135203169

Pallet Qty	8,000
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Safety advice

- Minimum starting temperature depends on ballast used.
- May be operated on electronic ballasts, dimming ballasts and preheat magnetic ballasts with external starter switch.
- Equipment manufacturers are advised to consult the relevant ANSI and IEC standards for the maximum allowable dimensions and temperature to insure compatibility with similar products.
- Contains Mercury – Dispose of according to Local, State or Federal laws

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Product Family Spec Sheet	DULUX S/E Compact Fluorescent Lamps

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.