

PRODUCT FAMILY DATASHEET

PARATHOM® SPECIAL T26

Special LED lamps for refrigerators



Areas of application

- Small designer luminaires
- Domestic refrigerators
- Sewing machines
- Outdoor applications only in suitable luminaires

Product benefits

- Extremely small dimensions
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee

Product features

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current	Type of current
P SPC.T26 20 2.3 W/2700 K E14	2.3 W	220...240 V	20 W	24 mA	AC
P SPC.T26 25 2.8 W/2700 K E14	2.8 W	220...240 V	25 W	17 mA	AC
P SPC.T26 20 2.3 W/6500 K E14	2.3 W	220...240 V	20 W	24 mA	AC
P SPC.T26 40 4 W/2700 K E14	4 W	220...240 V	40 W	35 mA	AC
P SPC.T26 25 2.8 W/6500 K E14	2.8 W	220...240 V	25 W	24 mA	AC
P SPC.T26 10 1.3 W/2700 K E14	1.3 W	220...240 V	12 W	18 mA	AC
P SPC.T26 20 2.3 W/6500 K E14	2.3 W	220...240 V	20 W	24 mA	AC
P SPC.T26 25 2.8 W/2700 K E14	2.8 W	220...240 V	25 W	24 mA	AC
P SPC.T26 20 2.3 W/2700 K E14	2.3 W	220...240 V	20 W	24 mA	AC
P SPC.T26 40 4 W/2700 K E14	4 W	220...240 V	40 W	35 mA	AC
P SPC.T26 10 2.2 W/2700 K E14	2.2 W	220...240 V	10 W	14 mA	AC

Product description	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)
P SPC.T26 20 2.3 W/2700 K E14	3 A	50 Hz	50 Hz	42	67
P SPC.T26 25 2.8 W/2700 K E14	6.81 A	50...60 Hz	50...60 Hz	80	125
P SPC.T26 20 2.3 W/6500 K E14	3 A	50 Hz	50 Hz	42	67
P SPC.T26 40 4 W/2700 K E14	7.08 A	50...60 Hz	50...60 Hz	60	95
P SPC.T26 25 2.8 W/6500 K E14	6.81 A	50...60 Hz	50...60 Hz	80	125
P SPC.T26 10 1.3 W/2700 K E14		50...60 Hz	50...60 Hz	500	800
P SPC.T26 20 2.3 W/6500 K E14	3 A	50 Hz	50 Hz	42	67
P SPC.T26 25 2.8 W/2700 K E14	6.81 A	50...60 Hz	50...60 Hz	80	125
P SPC.T26 20 2.3 W/2700 K E14	3 A	50 Hz	50 Hz	42	67
P SPC.T26 40 4 W/2700 K E14	7.08 A	50...60 Hz	50...60 Hz	60	95
P SPC.T26 10 2.2 W/2700 K E14	0.03 A	50...60 Hz	50...60 Hz	267	427

Product description	Total harmonic distortion	Power factor λ
P SPC.T26 20 2.3 W/2700 K E14	< 80 %	> 0,40
P SPC.T26 25 2.8 W/2700 K E14	< 175 %	> 0,40
P SPC.T26 20 2.3 W/6500 K E14	< 80 %	> 0,40
P SPC.T26 40 4 W/2700 K E14	< 175 %	> 0,40
P SPC.T26 25 2.8 W/6500 K E14	< 175 %	> 0,40

Product description	Total harmonic distortion	Power factor λ
P SPC.T26 10 1.3 W/2700 K E14		0,40
P SPC.T26 20 2.3 W/6500 K E14	< 80 %	> 0,40
P SPC.T26 25 2.8 W/2700 K E14	< 175 %	> 0,40
P SPC.T26 20 2.3 W/2700 K E14	< 80 %	> 0,40
P SPC.T26 40 4 W/2700 K E14	< 175 %	> 0,40
P SPC.T26 10 2.2 W/2700 K E14	< 175 %	> 0,40

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.li	Light color (designation)
P SPC.T26 20 2.3 W/2700 K E14	200 lm	200 lm	86 lm/W	0.70	Warm White
P SPC.T26 25 2.8 W/2700 K E14	250 lm	250 lm	89 lm/W	0.70	Warm White
P SPC.T26 20 2.3 W/6500 K E14	200 lm		86 lm/W	0.70	Cool Daylight
P SPC.T26 40 4 W/2700 K E14	470 lm	470 lm	117 lm/W	0.70	Warm White
P SPC.T26 25 2.8 W/6500 K E14	250 lm	200 lm	89 lm/W	0.70	Cool Daylight
P SPC.T26 10 1.3 W/2700 K E14	110 lm	100 lm	84 lm/W	0.70	Warm White
P SPC.T26 20 2.3 W/6500 K E14	200 lm		86 lm/W	0.70	Cool Daylight
P SPC.T26 25 2.8 W/2700 K E14	250 lm	200 lm	89 lm/W	0.70	Warm White
P SPC.T26 20 2.3 W/2700 K E14	200 lm	200 lm	86 lm/W	0.70	Warm White
P SPC.T26 40 4 W/2700 K E14	470 lm	470 lm	117 lm/W	0.70	Warm White
P SPC.T26 10 2.2 W/2700 K E14	110 lm	110 lm	49 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching
P SPC.T26 20 2.3 W/2700 K E14	2700 K	≥80	827	≤6 sdc
P SPC.T26 25 2.8 W/2700 K E14	2700 K	80	827	≤6 sdc
P SPC.T26 20 2.3 W/6500 K E14	6500 K	≥80	865	≤6 sdc
P SPC.T26 40 4 W/2700 K E14	2700 K	≥80	827	≤6 sdc
P SPC.T26 25 2.8 W/6500 K E14	6500 K	≥80	865	≤6 sdc
P SPC.T26 10 1.3 W/2700 K E14	2700 K	≥80	827	≤6 sdc
P SPC.T26 20 2.3 W/6500 K E14	6500 K	≥80	865	≤6 sdc
P SPC.T26 25 2.8 W/2700 K E14	2700 K	≥80	827	≤6 sdc
P SPC.T26 20 2.3 W/2700 K E14	2700 K	≥80	827	≤6 sdc
P SPC.T26 40 4 W/2700 K E14	2700 K	80	827	≤6 sdc
P SPC.T26 10 2.2 W/2700 K E14	2700 K	80	827	≤6 sdc

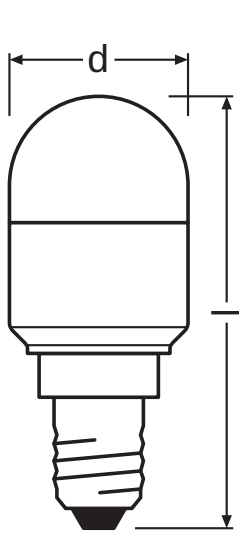
Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
P SPC.T26 20 2.3 W/2700 K E14	160 °	< 0.50 s	< 0.5 s	160.00 °
P SPC.T26 25 2.8 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 20 2.3 W/6500 K E14	160 °	< 0.50 s	< 0.5 s	160.00 °
P SPC.T26 40 4 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 25 2.8 W/6500 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 10 1.3 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 20 2.3 W/6500 K E14	160 °	< 0.50 s	< 0.5 s	160.00 °
P SPC.T26 25 2.8 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 20 2.3 W/2700 K E14	160 °	< 0.50 s	< 0.5 s	160.00 °
P SPC.T26 40 4 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °
P SPC.T26 10 2.2 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °

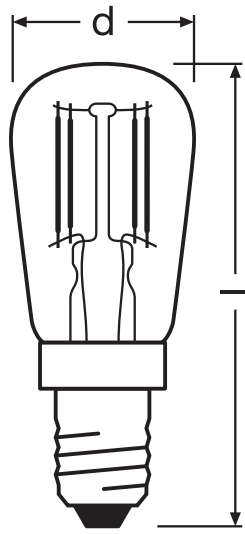
Dimensions & weight

Product description	Length	Diameter	Maximum diameter	Product weight
P SPC.T26 20 2.3 W/2700 K E14	63.00 mm	25.00 mm	25 mm	15.000 g
P SPC.T26 25 2.8 W/2700 K E14	63.00 mm	26.00 mm	26 mm	8.000 g
P SPC.T26 20 2.3 W/6500 K E14	63.00 mm	25.00 mm	25 mm	15.000 g
P SPC.T26 40 4 W/2700 K E14	80.00 mm	25.00 mm	25 mm	10.000 g
P SPC.T26 25 2.8 W/6500 K E14	63.00 mm	26.00 mm	26 mm	8.300 g
P SPC.T26 10 1.3 W/2700 K E14	63.00 mm	26.00 mm	26 mm	7.700 g
P SPC.T26 20 2.3 W/6500 K E14	63.00 mm	25.00 mm	25 mm	15.000 g
P SPC.T26 25 2.8 W/2700 K E14	63.00 mm	26.00 mm	26 mm	8.300 g
P SPC.T26 20 2.3 W/2700 K E14	63.00 mm	25.00 mm	25 mm	15.000 g
P SPC.T26 40 4 W/2700 K E14	80.00 mm	25.00 mm	25 mm	10.000 g
P SPC.T26 10 2.2 W/2700 K E14	63.00 mm	26.00 mm	26 mm	7.000 g

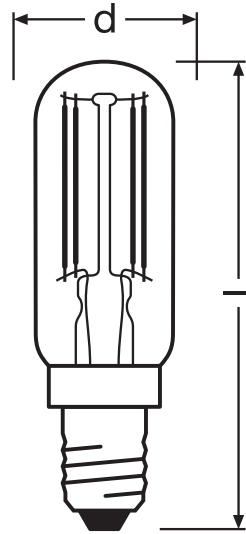
Product line drawing



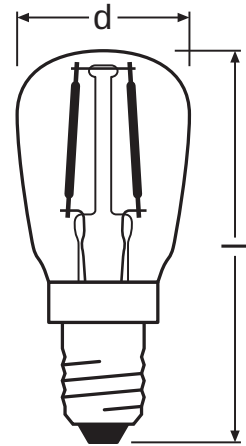
P SPC.T26 20 2.3 W/2700 K E14 ,



P SPC.T26 25 2.8 W/2700 K E14 ,



P SPC.T26 40 4 W/2700 K E14 ,



P SPC.T26 10 2.2 W/2700 K E14

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
P SPC.T26 20 2.3 W/2700 K E14	-20...+40 °C	80 °C
P SPC.T26 25 2.8 W/2700 K E14	-20...+40 °C	65 °C
P SPC.T26 20 2.3 W/6500 K E14	-20...+40 °C	80 °C
P SPC.T26 40 4 W/2700 K E14	-20...+40 °C	65 °C
P SPC.T26 25 2.8 W/6500 K E14	-20...+40 °C	65 °C
P SPC.T26 10 1.3 W/2700 K E14	-20...+40 °C	70 °C
P SPC.T26 20 2.3 W/6500 K E14	-20...+40 °C	80 °C
P SPC.T26 25 2.8 W/2700 K E14	-20...+40 °C	65 °C
P SPC.T26 20 2.3 W/2700 K E14	-20...+40 °C	80 °C
P SPC.T26 40 4 W/2700 K E14	-20...+40 °C	65 °C
P SPC.T26 10 2.2 W/2700 K E14	-20...+40 °C	65 °C

Lifespan

Product description	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P SPC.T26 20 2.3 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 25 2.8 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90

Product description	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P SPC.T26 20 2.3 W/6500 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 40 4 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 25 2.8 W/6500 K E14	10000 h	10000 h	100000	0.70	≥ 0.90
P SPC.T26 10 1.3 W/2700 K E14	8000 h	8000 h	15000	0.70	≥ 0.90
P SPC.T26 20 2.3 W/6500 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 25 2.8 W/2700 K E14	10000 h	10000 h	100000	0.70	≥ 0.90
P SPC.T26 20 2.3 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 40 4 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90
P SPC.T26 10 2.2 W/2700 K E14	15000 h	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury-free	Design / version	Show WEEE picto	Note about the product
P SPC.T26 20 2.3 W/2700 K E14	E14	Yes	Frosted	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 25 2.8 W/2700 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 20 2.3 W/6500 K E14	E14	Yes	Frosted	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 40 4 W/2700 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 25 2.8 W/6500 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Product description	Base (standard designation)	Mercury-free	Design / version	Show WEEE picto	Note about the product
P SPC.T26 10 1.3 W/2700 K E14	E14	Yes	Clear	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 20 2.3 W/6500 K E14	E14	Yes	Frosted	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 25 2.8 W/2700 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 20 2.3 W/2700 K E14	E14	Yes	Frosted	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 40 4 W/2700 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
P SPC.T26 10 2.2 W/2700 K E14	E14	Yes		Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Product description	Dimmable
P SPC.T26 20 2.3 W/2700 K E14	No
P SPC.T26 25 2.8 W/2700 K E14	No
P SPC.T26 20 2.3 W/6500 K E14	No
P SPC.T26 40 4 W/2700 K E14	No
P SPC.T26 25 2.8 W/6500 K E14	No
P SPC.T26 10 1.3 W/2700 K E14	No

Product description	Dimmable
P SPC.T26 20 2.3 W/6500 K E14	No
P SPC.T26 25 2.8 W/2700 K E14	No
P SPC.T26 20 2.3 W/2700 K E14	No
P SPC.T26 40 4 W/2700 K E14	No
P SPC.T26 10 2.2 W/2700 K E14	No

Certificates & standards

Product description	Energy efficiency class	Energy consumption	Type of protection	Standards
P SPC.T26 20 2.3 W/2700 K E14	A++ ¹⁾	2.30 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 25 2.8 W/2700 K E14	A++ ¹⁾	3.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 20 2.3 W/6500 K E14	A++ ¹⁾	2.30 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 40 4 W/2700 K E14	A++ ¹⁾	4.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 25 2.8 W/6500 K E14	A++ ¹⁾	3.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 10 1.3 W/2700 K E14	A++ ¹⁾	2.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 20 2.3 W/6500 K E14	A++ ¹⁾	2.30 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 25 2.8 W/2700 K E14	A++ ¹⁾	3.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 20 2.3 W/2700 K E14	A++ ¹⁾	2.30 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 40 4 W/2700 K E14	A++ ¹⁾	4.00 kWh/1000h	IP20	CE / EAC / CB
P SPC.T26 10 2.2 W/2700 K E14	A+ ¹⁾	3.00 kWh/1000h	IP20	CE / EAC / CB

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

SALES AND TECHNICAL SUPPORT













Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
P SPC.T26 20 2.3 W/2700 K E14	4058075410671	-	-	-	-
P SPC.T26 25 2.8 W/2700 K E14	4008597191091	-	-	-	-
P SPC.T26 20 2.3 W/6500 K E14	4058075410701	-	-	-	-

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
P SPC.T26 40 4 W/2700 K E14	4058075133525	-	8294161	-	-
P SPC.T26 25 2.8 W/6500 K E14	4058075133426	-	8294160	-	-
P SPC.T26 10 1.3 W/2700 K E14	4058075042384	-	8293037	4730951	-
P SPC.T26 20 2.3 W/6500 K E14	4052899961302	-	8295999	4739115	-
P SPC.T26 25 2.8 W/2700 K E14	4058075133471	-	8294159	-	-
P SPC.T26 20 2.3 W/2700 K E14	4052899961289	-	8296000	4730514	-
P SPC.T26 40 4 W/2700 K E14	4008597186141	-	-	-	-
P SPC.T26 10 2.2 W/2700 K E14	4058075432215	-	8295507	4731557	-

DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations of conformity EC declaration T26 25 FIL, T26 40 FIL
	PRODUCT DATASHEET P SPC.T26 40 4 W 2700K E14 DATASHEET
	Declarations of conformity EC declaration T26 25 FIL, T26 40 FIL
	PRODUCT DATASHEET P SPC.T26 25 2.8 W 6500K E14 DATASHEET
	Declarations of conformity EC declaration T26 25 FIL, T26 40 FIL
	PRODUCT DATASHEET P SPC.T26 12 1.3 W 2700K E14 DATASHEET
	Declarations of conformity EC declaration T26 10 FIL
	PRODUCT DATASHEET P SPC.T26 20 2.3 W 6500K E14 DATASHEET
	PRODUCT DATASHEET P SPC.T26 25 2.8 W 2700K E14 DATASHEET
	Declarations of conformity EC declaration T26 25 FIL, T26 40 FIL
	PRODUCT DATASHEET P SPC.T26 20 2.3 W 2700K E14 DATASHEET
	Declarations of conformity EC declaration T26 25 FIL, T26 40 FIL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075410671	Folding box 1	28 mm x 28 mm x 67 mm	20.00 g	0.05 dm ³
4008597191091	Folding box 1	28 mm x 28 mm x 67 mm	13.00 g	0.05 dm ³
4058075410701	Folding box 1	28 mm x 28 mm x 67 mm	20.00 g	0.05 dm ³
4058075133525	Folding box 1	28 mm x 28 mm x 84 mm	14.00 g	0.07 dm ³
4058075133426	Folding box 1	28 mm x 28 mm x 67 mm	13.00 g	0.05 dm ³
4058075042384	Folding box 1	28 mm x 28 mm x 67 mm	12.70 g	0.05 dm ³
4052899961302	Folding box 1	28 mm x 28 mm x 67 mm	20.00 g	0.05 dm ³
4058075133471	Folding box 1	28 mm x 28 mm x 67 mm	13.00 g	0.05 dm ³
4052899961289	Folding box 1	28 mm x 28 mm x 67 mm	20.00 g	0.05 dm ³
4008597186141	Folding box 1	28 mm x 28 mm x 84 mm	14.00 g	0.07 dm ³
4058075432215	Folding box 1	28 mm x 28 mm x 67 mm	12.00 g	0.05 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

- For Guarantee see www.ledvance.com/guarantee
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps

DISCLAIMER

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