PRODUCT FAMILY DATASHEET
PARATHOM® STICK

LED lamps, classic stick shape



Areas of application

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Low energy consumption
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Lifetime: up to 15,000 h
- Not dimmable
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

© 2022, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current
P STICK 60 FR 8 W/2700 K E27	8 W	8.00 W	220...240 V	60 W	58 mA
P STICK 60 FR 8 W/4000 K E27	8 W	8.00 W	220...240 V	60 W	58 mA
P STICK 75 FR 9 W/2700 K E27	9 W	9.00 W	220...240 V	75 W	66 mA
P STICK 75 FR 9 W/4000 K E27	9 W	9.00 W	220...240 V	75 W	66 mA
P STICK 75 FR 10 W/2700 K E27	10 W	10.00 W	220...240 V	75 W	74 mA

Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
P STICK 60 FR 8 W/2700 K E27	AC	10.2 A	50...60 Hz	50...60 Hz	172
P STICK 60 FR 8 W/4000 K E27	AC	10.2 A	50...60 Hz	50...60 Hz	172
P STICK 75 FR 9 W/2700 K E27	AC	10.2 A	50...60 Hz	50...60 Hz	151
P STICK 75 FR 9 W/4000 K E27	AC	10.2 A	50...60 Hz	50...60 Hz	151
P STICK 75 FR 10 W/2700 K E27	AC	< 18 A	50...60 Hz	50...60 Hz	135

Product description	Max. lamp no. on circuit break. 16 A (B)	Total harmonic distortion	Power factor λ
P STICK 60 FR 8 W/2700 K E27	310	105 %	> 0.50
P STICK 60 FR 8 W/4000 K E27	310	105 %	> 0.50
P STICK 75 FR 9 W/2700 K E27	272	115 %	> 0.50
P STICK 75 FR 9 W/4000 K E27	272	115 %	> 0.50
P STICK 75 FR 10 W/2700 K E27	216		> 0.50

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
P STICK 60 FR 8 W/2700 K E27	806 lm	806 lm	100 lm/W	0.70	Warm White
P STICK 60 FR 8 W/4000 K E27	806 lm	806 lm	100 lm/W	0.70	Cool White
P STICK 75 FR 9 W/2700 K E27	1050 lm	1050 lm	116 lm/W	0.70	Warm White
P STICK 75 FR 9 W/4000 K E27	1050 lm	1050 lm	116 lm/W	0.70	Cool White
P STICK 75 FR 10 W/2700 K E27	1050 lm	1050 lm	105 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
P STICK 60 FR 8 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80



© 2022, LEDVANCE GmbH. All rights reserved.

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
P STICK 60 FR 8 W/4000 K E27	4000 K	≥80	840	≤6 sdcm	0.80
P STICK 75 FR 9 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P STICK 75 FR 9 W/4000 K E27	4000 K	≥80	840	≤6 sdcm	0.80
P STICK 75 FR 10 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80

Product description	Flickering metric (Pst LM)	Stroboscope effect metric (SVM)
P STICK 60 FR 8 W/2700 K E27	1.0	0.9
P STICK 60 FR 8 W/4000 K E27	1.0	0.9
P STICK 75 FR 9 W/2700 K E27	1.0	0.9
P STICK 75 FR 9 W/4000 K E27	1.0	0.9
P STICK 75 FR 10 W/2700 K E27		

Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
P STICK 60 FR 8 W/2700 K E27	SPHERE_360	0.50 s	< 0.5 s	200.00 °
P STICK 60 FR 8 W/4000 K E27	200 °	0.50 s	< 0.5 s	200.00 °
P STICK 75 FR 9 W/2700 K E27	200 °	0.50 s	< 0.5 s	200.00 °
P STICK 75 FR 9 W/4000 K E27	200 °	0.50 s	< 0.5 s	200.00 °
P STICK 75 FR 10 W/2700 K E27	200 °	‹ 0.50 s	< 0.5 s	200.00 °

Dimensions & Weight

Product description	Overall length	Diameter	Maximum diameter	Product weight
P STICK 60 FR 8 W/2700 K E27	116.00 mm	36.00 mm	38 mm	29.00 g
P STICK 60 FR 8 W/4000 K E27	116.00 mm	36.00 mm	38 mm	29.00 g
P STICK 75 FR 9 W/2700 K E27	116.00 mm	36.00 mm	38 mm	29.00 g
P STICK 75 FR 9 W/4000 K E27	116.00 mm	36.00 mm	38 mm	29.00 g
P STICK 75 FR 10 W/2700 K E27	114.00 mm	40.40 mm	38 mm	30.00 g

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
P STICK 60 FR 8 W/2700 K E27	-20…+40 °C	82 °C
P STICK 60 FR 8 W/4000 K E27	-20…+40 °C	82 °C
P STICK 75 FR 9 W/2700 K E27	-20…+40 °C	85 °C
P STICK 75 FR 9 W/4000 K E27	-20…+40 °C	85 °C
P STICK 75 FR 10 W/2700 K E27	-20…+40 °C	97.1 °C



© 2022, LEDVANCE GmbH. All rights reserved.

Lifespan

Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P STICK 60 FR 8 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P STICK 60 FR 8 W/4000 K E27	15000 h	100000	0.70	≥ 0.90
P STICK 75 FR 9 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P STICK 75 FR 9 W/4000 K E27	15000 h	100000	0.70	≥ 0.90
P STICK 75 FR 10 W/2700 K E27	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P STICK 60 FR 8 W/2700 K E27	E27	0.0 mg	Yes	Frosted	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 STICK 60 FR 8 W/4000 K E27	E27	0.0 mg	Yes	Frosted	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 STICK 75 FR 9 W/2700 K E27	E27	0.0 mg	Yes	Frosted	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 STICK 75 FR 9 W/4000 K E27	E27	0.0 mg	Yes	Frosted	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 STICK 75 FR 10 W/2700 K E27	E27	0.0 mg	Yes	Frosted	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



© 2022, LEDVANCE GmbH. All rights reserved.

Capabilities

Product description	Dimmable
P STICK 60 FR 8 W/2700 K E27	No
P STICK 60 FR 8 W/4000 K E27	No
P STICK 75 FR 9 W/2700 K E27	No
P STICK 75 FR 9 W/4000 K E27	No
P STICK 75 FR 10 W/2700 K E27	No

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Type of protection	Standards	Photobiological safety group acc. to EN62778
P STICK 60 FR 8 W/2700 K E27	F[1)]	8.00 kWh/1000h	IP20	ROHS 2.0 / REACH / CE	RG1
P STICK 60 FR 8 W/4000 K E27	F[1)]	8.00 kWh/1000h	IP20	ROHS 2.0 / REACH / CE	RG1
P STICK 75 FR 9 W/2700 K E27	E[1)]	9.00 kWh/1000h	IP20	ROHS 2.0 / REACH / CE	RG1
P STICK 75 FR 9 W/4000 K E27	E[1)]	9.00 kWh/1000h	IP20	ROHS 2.0 / REACH / CE	RG1
P STICK 75 FR 10 W/2700 K E27	A+[2)]	10.00 kWh/1000h	IP20	CE	RG1

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

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

LOGISTICAL DATA

Product description	Temperature range at storage
P STICK 60 FR 8 W/2700 K E27	-40...+80 °C
P STICK 60 FR 8 W/4000 K E27	-40...+80 °C
P STICK 75 FR 9 W/2700 K E27	-40...+80 °C
P STICK 75 FR 9 W/4000 K E27	-40...+80 °C
P STICK 75 FR 10 W/2700 K E27	

Energy labellling regulation data acc EU 2019/2015

Product description	Lighting technology used	Non-directional or directional	Mains or non-mains	Light source cap-type (or other electric interface)	Connected light source (CLS)
P STICK 60 FR 8 W/2700 K E27	LED	NDLS	MLS	E27	No
P STICK 60 FR 8 W/4000 K E27	LED	NDLS	MLS	E27	No
P STICK 75 FR 9 W/2700 K E27	LED	NDLS	MLS	E27	No



© 2022, LEDVANCE GmbH. All rights reserved.

Product description	Lighting technology used	Non-directional or directional	Mains or non-mains	Light source cap-type (or other electric interface)	Connected light source (CLS)
P STICK 75 FR 9 W/4000 K E27	LED	NDLS	MLS	E27	No
P STICK 75 FR 10 W/2700 K E27				E27	

Product description	Color-tuneable light source	Envelope	High luminance light source	Anti-glare shield	Correlated colour temperature type
P STICK 60 FR 8 W/2700 K E27	No	No	No	No	SINGLE_VALUE
P STICK 60 FR 8 W/4000 K E27	No	No	No	No	SINGLE_VALUE
P STICK 75 FR 9 W/2700 K E27	No	No	No	No	SINGLE_VALUE
P STICK 75 FR 9 W/4000 K E27	No	No	No	No	SINGLE_VALUE
P STICK 75 FR 10 W/2700 K E27					

Product description	Standby power	Claim of equivalent power	Length	Height	Width
P STICK 60 FR 8 W/2700 K E27	0.00 W	Yes	116.00 mm	36.00 mm	36.00 mm
P STICK 60 FR 8 W/4000 K E27	0.00 W	Yes	116.00 mm	36.00 mm	36.00 mm
P STICK 75 FR 9 W/2700 K E27	0.00 W	Yes	116.00 mm	36.00 mm	36.00 mm
P STICK 75 FR 9 W/4000 K E27	0.00 W	Yes	116.00 mm	36.00 mm	36.00 mm
P STICK 75 FR 10 W/2700 K E27			114.00 mm	40.40 mm	40.40 mm

Product description	Chromaticity coordinate x	Chromaticity coordinate y	R9 Colour rendering index	Beam angle	Survival factor
P STICK 60 FR 8 W/2700 K E27	0.458	0.410	0.00	SPHERE_360	0.90
P STICK 60 FR 8 W/4000 K E27	0.382	0.380	0.00	SPHERE_360	0.90
P STICK 75 FR 9 W/2700 K E27	0.458	0.410	0.00	SPHERE_360	0.90
P STICK 75 FR 9 W/4000 K E27	0.382	0.380	0.00	SPHERE_360	0.90
P STICK 75 FR 10 W/2700 K E27					

Product description	Displacement factor	LED light source replaces a fluorescent light source	EPREL ID	Model number
P STICK 60 FR 8 W/2700 K E27	0.50	not applicable	523290	AC31132
P STICK 60 FR 8 W/4000 K E27	0.50	not applicable	523292	AC31134
P STICK 75 FR 9 W/2700 K E27	0.50	not applicable	523294	AC31136
P STICK 75 FR 9 W/4000 K E27	0.50	not applicable	523296	AC31138
P STICK 75 FR 10 W/2700 K E27				

APPLICATION ADVICE

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



© 2022, LEDVANCE GmbH. All rights reserved.

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 STICK 60 FR 8 W/2700 K E27	4058075593374	-	8296938	4731685	-
P STICK 60 FR 8 W/4000 K E27	4058075593312	-	8296939	4731686	-
P STICK 75 FR 9 W/2700 K E27	4058075593350	-	8296940	4731687	-
P STICK 75 FR 9 W/4000 K E27	4058075593336	-	8296941	4731688	-
P STICK 75 FR 10 W/2700 K E27	4058075292673	-	8294975	4731334	-

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET P STICK 75 FR 10 W 2700K E27
	IES file (IES) LEDSSTICK75 10W 827 FR OSRAM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075593374	Folding box 1	36 mm x 36 mm x 120 mm	37.00 g	0.16 dm^3
4058075593312	Folding box 1	36 mm x 36 mm x 120 mm	37.00 g	0.16 dm^3
4058075593350	Folding box 1	36 mm x 36 mm x 120 mm	37.00 g	0.16 dm^3
4058075593336	Folding box 1	36 mm x 36 mm x 120 mm	37.00 g	0.16 dm^3
4058075292673	Folding box 1	43 mm x 43 mm x 117 mm	44.00 g	0.22 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.

DISCLAIMER

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



© 2022, LEDVANCE GmbH. All rights reserved.



© 2022, LEDVANCE GmbH. All rights reserved.