

PRODUCT FAMILY DATASHEET DRAGONpuck

Round LED modules



AREAS OF APPLICATION

- Shops
- Light source for furniture luminaires
- Hotels
- Restaurants

PRODUCT BENEFITS

- Low maintenance costs thanks to a lifetime of up to 50,000 h
- 5 year guarantee

PRODUCT FEATURES

- Integrated 36° optics
- For series connection
- Two-core connecting cable (200 mm) with open cable ends
- M3 screw fixing
- Dimmable by pulse width modulation (PWM)



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Rated wattage	Nominal current	Type of current
-W4F-7-827	7.0 W	6.90 W	0.7 A	DC
-W4F-7-857	7.0 W	6.90 W	0.7 A	DC
-W4F-9-827	9.0 W	9.20 W	0.7 A	DC
-W4F-9-857	9.0 W	9.20 W	0.7 A	DC

Photometrical data

Product description	Total useful luminous flux	Luminous efficacy	Color temperature	Light color (designation)	Color rendering index Ra	Standard deviation of color matching
-W4F-7-827	440 lm	72 lm/W	2700 K	Warm White	≥80	≤3 sdcn
-W4F-7-857	530 lm	87 lm/W	5700 K	Daylight	≥80	≤3 sdcn
-W4F-9-827	660 lm	73 lm/W	2700 K	Warm White	≥80	≤3 sdcn
-W4F-9-857	800 lm	87 lm/W	5700 K	Daylight	≥80	≤3 sdcn

Product description	Luminous intensity	Rated peak intensity	Lumen main.fact.at end of nom.life time	Nominal useful luminous flux 90°	Rated useful luminous flux 90°
-W4F-7-827	1000 cd	1000 cd	0.70	405 lm	405 lm
-W4F-7-857	1200 cd	1200 cd	0.70	488 lm	488 lm
-W4F-9-827	1330 cd	1330 cd	0.70	607 lm	607 lm
-W4F-9-857	1600 cd	1600 cd	0.70	736 lm	736 lm

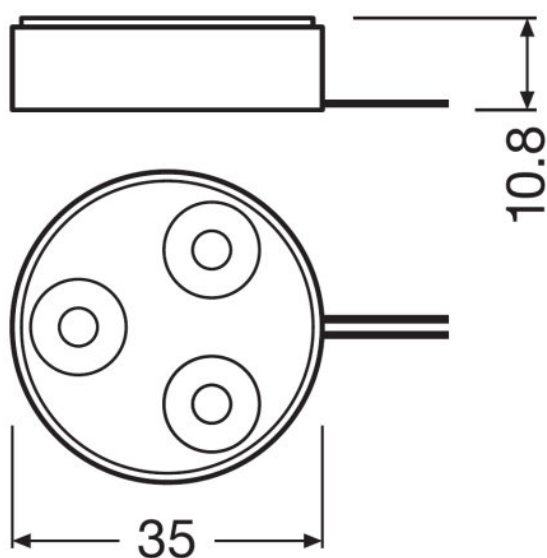
Light technical data

Product description	Nominal beam angle	Rated beam angle (half peak value)	Starting time	Warm-up time (60 %)
-W4F-7-827	36 °	36.00 °	< 0.1 s	< 2.00 s
-W4F-7-857	36 °	36.00 °	< 0.1 s	< 2.00 s
-W4F-9-827	36 °	36.00 °	< 0.1 s	< 2.00 s
-W4F-9-857	36 °	36.00 °	< 0.1 s	< 2.00 s

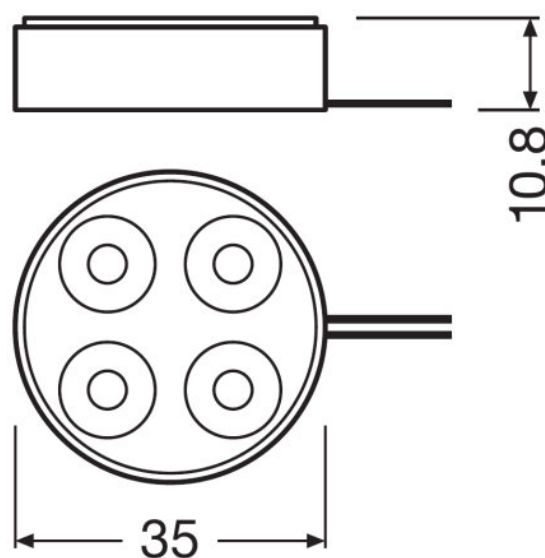
Dimensions & weight

Product description	Diameter	Rated height	Cable length	Product weight
-W4F-7-827	35.0 mm	10.60 mm	200.0 mm	12.30 g
-W4F-7-857	35.0 mm	10.60 mm	200.0 mm	12.30 g
-W4F-9-827	35.0 mm	10.60 mm	200.0 mm	12.70 g
-W4F-9-857	35.0 mm	10.60 mm	200.0 mm	12.70 g

Product line drawing



-W4F-7-827, -W4F-7-857



-W4F-9-827, -W4F-9-857

Temperatures & operating conditions

Product description	Ambient temperature range
-W4F-7-827	-30...90 °C
-W4F-7-857	-30...90 °C
-W4F-9-827	-30...90 °C
-W4F-9-857	-30...90 °C

Lifespan

Product description	Lifespan	Nominal lamp life time	Rated lamp life time	Number of switching cycles
-W4F-7-827	50000 h ¹⁾	50 h	50 h	25000
-W4F-7-857	50000 h ¹⁾	50000 h	50000 h	25000
-W4F-9-827	50000 h ¹⁾	50000 h	50000 h	25000
-W4F-9-857	50000 h ¹⁾	50000 h	50000 h	25000

¹⁾ L70 at Tc max

Capabilities

Product description	Dimmable
-W4F-7-827	Yes
-W4F-7-857	Yes
-W4F-9-827	Yes
-W4F-9-857	Yes

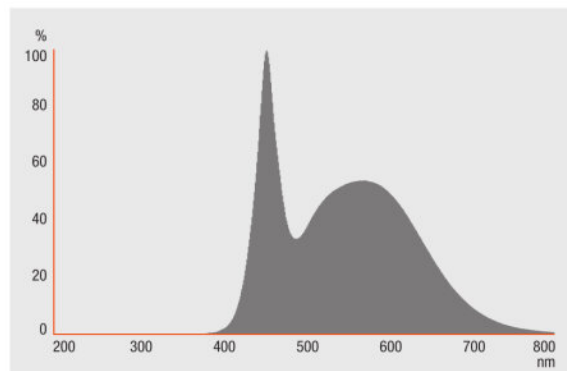
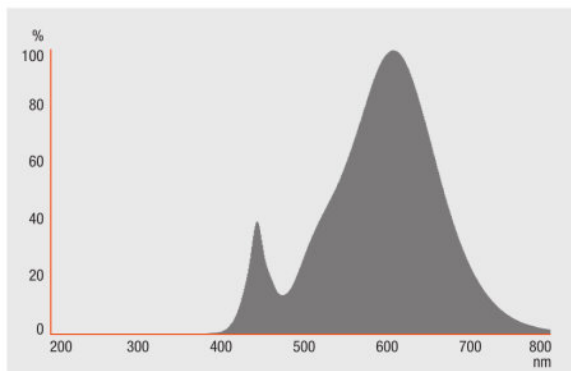
Certificates & standards

Product description	Energy consumption	Standards	Energy efficiency class
-W4F-7-827	8 kWh/1000h	Acc. to EC 61347-2-13/Acc. to EN 55015/Acc. to IEC 61547/Acc. to IEC 61000-3-2/ENEC: 61347-2-13/Acc. to IEC/EN 62384/Acc. to IEC 60068-2	A+
-W4F-7-857	8 kWh/1000h	Acc. to EC 61347-2-13/Acc. to EN 55015/Acc. to IEC 61547/Acc. to IEC 61000-3-2/ENEC: 61347-2-13/Acc. to IEC/EN 62384/Acc. to IEC 60068-2	A+
-W4F-9-827	11 kWh/1000h	Acc. to EC 61347-2-13/Acc. to EN 55015/Acc. to IEC 61547/Acc. to IEC 61000-3-2/ENEC: 61347-2-13/Acc. to IEC/EN 62384/Acc. to IEC 60068-2	A
-W4F-9-857	11 kWh/1000h	Acc. to EC 61347-2-13/Acc. to EN 55015/Acc. to IEC 61547/Acc. to IEC 61000-3-2/ENEC: 61347-2-13/Acc. to IEC/EN 62384/Acc. to IEC 60068-2	A+

Logistical data

Product description	Temperature range at storage
-W4F-7-827	-30...90 °C
-W4F-7-857	-30...90 °C
-W4F-9-827	-30...90 °C
-W4F-9-857	-30...90 °C

Light Distribution



-W4F-7-827, -W4F-9-827

-W4F-7-857, -W4F-9-857

EQUIPMENT / ACCESSORIES

- Heat sink CPDPHS

APPLICATION ADVICE

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

SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

DOWNLOAD DATA

File	
	Declarations of conformity 333691_DRAGONpuck DP35, DP 51
	Declarations of conformity 485807_EC-DoC LS_DRAGONpuck DP35
	Declarations of conformity 485824_Man-DoC LS DRAGONpuck DP35
	Eulumdat 335938_DRAGONtape DP35-W4F-7-827-L36



Eulumdat
335939_DRAGONtape DP35-W4F-7-857-L36



Eulumdat
334059_DRAGONPUCK DP35-W4F-9-827



Eulumdat
335940_DRAGONtape DP35-W4F-9-827-L36



Eulumdat
335941_DRAGONtape DP35-W4F-9-857-L36

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321976161	-W4F-7-827	Shipping carton box 16	224 mm x 56 mm x 90 mm	1.13 dm ³	301.80 g
4008321976185	-W4F-7-857	Shipping carton box 16	224 mm x 56 mm x 90 mm	1.13 dm ³	301.80 g
4008321976208	-W4F-9-827	Shipping carton box 16	224 mm x 56 mm x 90 mm	1.13 dm ³	308.20 g
4008321976222	-W4F-9-857	Shipping carton box 16	224 mm x 90 mm x 56 mm	1.13 dm ³	308.00 g

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 more information on the multi-level guarantee and the terms and conditions of the guarantee visit

▶ www.ledvance.com/system-guarantee

DISCLAIMER

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