

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC A DIM

Dimmable LED lamps, classic bulb shape



AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Base: E27, B22d
- Mercury-free lamps
- Lifetime: up to 15,000 h



TECHNICAL DATA

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux
P CLAS A 40 FR 4 W/2700K E27 ¹⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	5.00 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 CL 4 W/2700K E27 ¹⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 CL 4.5 W/2700K E27 ¹⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 FR 5 W/2700K E27 ¹⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 FR 4.5 W/2700K E27 ¹⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS A 60 6.5 W/2700K E27 ¹⁾	6.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 6.5 W/4000K E27 ¹⁾	6.50 W	220...240 V			4000 K	0.70	Cool White	4000 K	806 lm
P CLAS A 60 7 W/2700K B22d ¹⁾	7.00 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 7.5 W/2700K B22d ¹⁾	7.50 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 FR 7.5 W/2700K E27 ¹⁾	7.50 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 FR 7.5 W/2700K B22d ¹⁾	7.50 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 7 W/2700K E27 ¹⁾	7.00 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 7 W/2700K B22d ¹⁾	7.00 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 CL 7.5 W/2700K E27 ¹⁾	7.50 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 CL 7 W/2700K E27 ¹⁾	7.00 W	220...240 V	306	490	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 60 FR 7.5 W/4000K E27 ¹⁾	7.50 W	220...240 V	306	490	4000 K	0.70	Cool White	4000 K	806 lm
P CLAS A 60 CL 8 W/2700K E27 ¹⁾	8.00 W	220...240 V	125	200	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS A 75 8.5 W/2700K E27 ²⁾	8.50 W	220...240 V	270	432	2700 K	0.70	Warm White	2700 K	1055 lm
P CLAS A 75 8.5 W/4000K E27 ²⁾	8.50 W	220...240 V	270	432	4000 K	0.70	Cool White	4000 K	1055 lm
P CLAS A 75 8.5 W/2700K E27 ²⁾	8.50 W	220...240 V	270	432	2700 K	0.70	Warm White	2700 K	1055 lm
P CLAS A 75 8.5 W/2700K E27 ²⁾	8.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	1055 lm
P CLAS A 75 8.5 W/4000K E27 ²⁾	8.50 W	220...240 V			4000 K	0.70	Warm White	4000 K	1055 lm
P CLAS A 100 FR 12 W/2700K E27 ³⁾	12.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	1521 lm
P CLAS A 100 12 W/2700K E27 ³⁾	12.00 W	220...240 V	191	306	2700 K	0.70	Warm White	2700 K	1521 lm
P CLAS A 100 12 W/2700K E27 ³⁾	12.00 W	220...240 V	191	306	2700 K	0.70	Warm White	2700 K	1521 lm
P CLAS A 100 FIL 12 W/2700K E27 ³⁾	12.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	1521 lm

Product description	Color rendering index Ra	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
		Warm-up time (60 %)	Starting time	Overall length	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
P CLAS A 40 FR 4 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	53 °C	20000 h	100000	E27	Yes
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 40 CL 4 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	53 °C	20000 h	100000	E27	Yes
P CLAS A 40 CL 4.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 40 FR 5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 40 FR 4.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	95	< 0.50 s	< 0.5 s	104.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 6.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	60 °C	15000 h	100000	E27	Yes
P CLAS A 60 6.5 W/4000K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	60 °C	15000 h	100000	E27	Yes
P CLAS A 60 7 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	104.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS A 60 7.5 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	104.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS A 60 FR 7.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 FR 7.5 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	104.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS A 60 7 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 7 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	104.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS A 60 CL 7.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 CL 7 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 FR 7.5 W/4000K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 60 CL 8 W/2700K E27 ¹⁾	95	< 0.50 s	< 0.5 s	112.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 75 8.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 75 8.5 W/4000K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 75 8.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 75 8.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 75 8.5 W/4000K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS A 100 FR 12 W/2700K E27 ³⁾	≥80	< 0.50 s	< 0.5 s	133.0 mm	55 °C	15000 h	100000	E27	Yes
P CLAS A 100 12 W/2700K E27 ³⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	55 °C	15000 h	100000	E27	Yes
P CLAS A 100 12 W/2700K E27 ³⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	55 °C	15000 h	100000	E27	Yes

Product description	Color rendering index Ra	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
		Warm-up time (60 %)	Starting time	Overall length	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
P CLAS A 100 FIL 12 W/2700K E27 ³⁾	≥80	< 0.50 s	< 0.5 s	133.0 mm	55 °C	15000 h	100000	E27	Yes

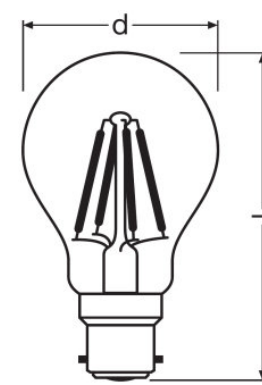
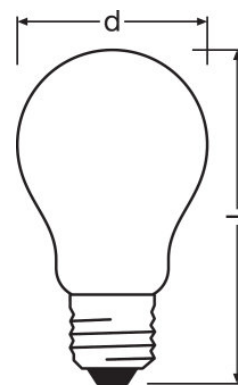
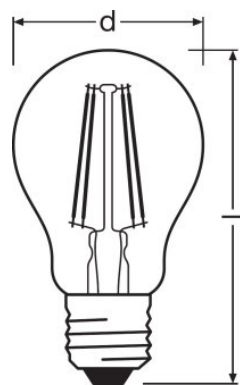
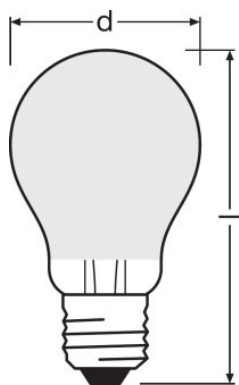
Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS A 40 FR 4 W/2700K E27 ¹⁾	Yes	A++	4 kWh/1000h	DRAA/F-4/827-220-240-E27-60
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	Yes	A+	5 kWh/1000h	DRAA/F-4/827-220-240-E27-60
P CLAS A 40 CL 4 W/2700K E27 ¹⁾	Yes	A++	4 kWh/1000h	DRAA/F-4/827-220-240-E27-60
P CLAS A 40 CL 4.5 W/2700K E27 ¹⁾	Yes	A++	5 kWh/1000h	DRAA/F-4/827-220-240-E27-60
P CLAS A 40 FR 5 W/2700K E27 ¹⁾	Yes	A+	5 kWh/1000h	
P CLAS A 40 FR 4.5 W/2700K E27 ¹⁾	Yes	A++	5 kWh/1000h	
P CLAS A 40 CL 5 W/2700K E27 ¹⁾	Yes	A+	5 kWh/1000h	
P CLAS A 60 6.5 W/2700K E27 ¹⁾	Yes	A++	7 kWh/1000h	DRAA/C-6,5/827-220-240-E27-60
P CLAS A 60 6.5 W/4000K E27 ¹⁾	Yes	A++	7 kWh/1000h	DRAA/F-6,5-840-220-240-E27-60
P CLAS A 60 7 W/2700K B22d ¹⁾	Yes	A++	7 kWh/1000h	
P CLAS A 60 7.5 W/2700K B22d ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 60 FR 7.5 W/2700K E27 ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 60 FR 7.5 W/2700K B22d ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 60 7 W/2700K E27 ¹⁾	Yes	A++	7 kWh/1000h	
P CLAS A 60 7 W/2700K B22d ¹⁾	Yes	A++	7 kWh/1000h	
P CLAS A 60 CL 7.5 W/2700K E27 ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 60 CL 7 W/2700K E27 ¹⁾	Yes	A++	7 kWh/1000h	
P CLAS A 60 FR 7.5 W/4000K E27 ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 60 CL 8 W/2700K E27 ¹⁾	Yes	A+	8 kWh/1000h	
P CLAS A 75 8.5 W/2700K E27 ²⁾	Yes	A++	9 kWh/1000h	
P CLAS A 75 8.5 W/4000K E27 ²⁾	Yes	A++	9 kWh/1000h	
P CLAS A 75 8.5 W/2700K E27 ²⁾	Yes	A++	9 kWh/1000h	DRAA/F-8,5/827-220-240-E27-60
P CLAS A 75 8.5 W/2700K E27 ²⁾	Yes	A++	9 kWh/1000h	

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS A 75 8.5 W/4000K E27 ²⁾	Yes	A++	9 kWh/1000h	
P CLAS A 100 FR 12 W/2700K E27 ³⁾	Yes	A++	12 kWh/1000h	
P CLAS A 100 12 W/2700K E27 ³⁾	Yes	A++	12 kWh/1000h	
P CLAS A 100 12 W/2700K E27 ³⁾	Yes	A++	12 kWh/1000h	
P CLAS A 100 FIL 12 W/2700K E27 ³⁾	Yes	A++	12 kWh/1000h	

¹⁾ 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

²⁾ 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/In development, data preliminary/In preparation/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

³⁾ 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

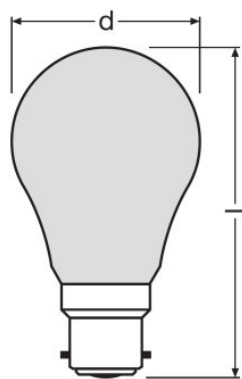


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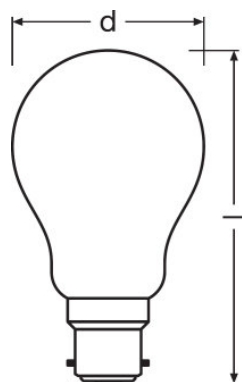
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P CLAS A 40 FR 4.5 W/2700K E27, P CLAS A 60 7 W/2700K E27, P CLAS A 75 8.5 W/2700K E27, P CLAS A 100 12 W/2700K E27

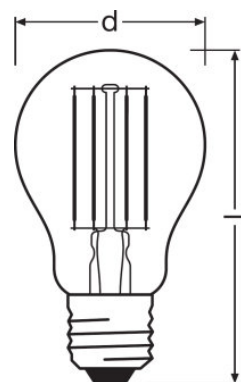
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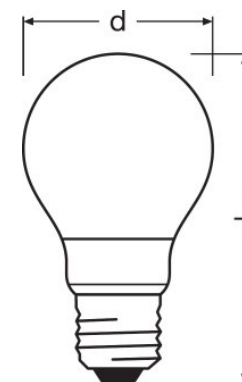
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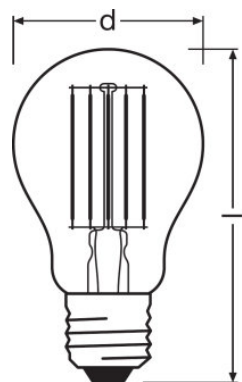
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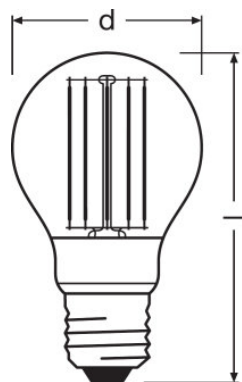
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P CLAS A 100 FR 12 W/2700K E27



P CLAS A 100 12 W/2700K E27



P CLAS A 100 FIL 12 W/2700K E27

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075817043	Shipping carton box 10	315 mm x 131 mm x 126 mm	570.00 g	5.20 dm ³
4058075100800	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075817029	Shipping carton box 10	315 mm x 131 mm x 126 mm	562.00 g	5.20 dm ³
4058075287310	Shipping carton box 10	325 mm x 136 mm x 126 mm	533.00 g	5.57 dm ³
4058075100787	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075287334	Shipping carton box 10	325 mm x 136 mm x 126 mm	533.00 g	5.57 dm ³
4058075134454	Shipping carton box 10	325 mm x 136 mm x 126 mm	533.00 g	5.57 dm ³
4058075817067	Shipping carton box 10	315 mm x 131 mm x 126 mm	562.00 g	5.20 dm ³
4058075809703	Shipping carton box 10	315 mm x 131 mm x 126 mm	567.00 g	5.20 dm ³
4058075061705	Shipping carton box 10	315 mm x 131 mm x 126 mm	527.00 g	5.20 dm ³
4058075287457	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075100923	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075100961	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075100909	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075287419	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075287471	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075100985	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075287396	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075100886	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075134492	Shipping carton box 10	348 mm x 145 mm x 159 mm	837.00 g	8.02 dm ³
4058075287617	Shipping carton box 10	325 mm x 136 mm x 126 mm	598.00 g	5.57 dm ³
4058075287631	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075101081	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075287594	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075809741	Shipping carton box 10	315 mm x 131 mm x 126 mm	572.00 g	5.20 dm ³
4058075101067	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075107779	Shipping carton box 10	315 mm x 131 mm x 126 mm	533.00 g	5.20 dm ³
4058075149694	Shipping carton box 10	364 mm x 150 mm x 157 mm	680.00 g	8.57 dm ³
4058075288393	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075288379	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 dm ³
4058075149717	Shipping carton box 10	364 mm x 150 mm x 157 mm	680.00 g	8.57 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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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.