

Ordering details

Type	Content	Lamp / illuminant	Reflector	Rated luminous flux ¹⁾	Weight	Cable gland/ thread	Screw plug	Order No.
dTLS 85								
dTLS 85250 S	with diffuser lens, inductive	HIT-DE / HST-DE 250 W	wide beam reflector	20000 lm /28000 lm	25 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P0001
dTLS 85250 S -40 °C up to +40 °C	with diffuser lens, inductive	HIT-DE / HST-DE 250 W	wide beam reflector	20000 lm /28000 lm	25 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P0004
dTLS 85250 S	with diffuser lens, compensated circuit	HIT-DE / HST-DE 250 W	wide beam reflector	20000 lm /28000 lm	32 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P1001
dTLS 85250 P	with parabolic reflector, inductive	HIT-DE / HST-DE 250 W	narrow beam	20000 lm /28000 lm	25 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P0002
dTLS 85250 P	with parabolic reflector, comp.	HIT-DE / HST-DE 250 W	narrow beam	20000 lm /28000 lm	32 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P1002
dTLS 85070 P	with parabolic reflector, comp.	HST-DE 70 W	narrow beam	6800 lm	22 kg	1 x M25 for Ø 8-17 mm, plastic	1 x M25	CGS 123 8588 P0003

Emergency power supply unit GHG 664

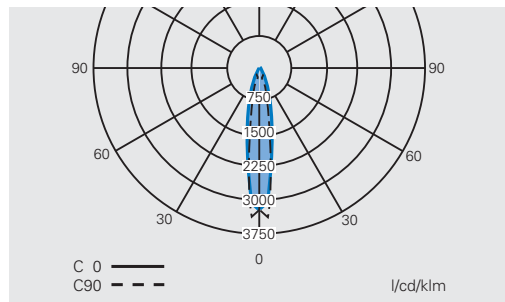
Power supply unit 230 - 240 V AC	incl. battery with dTLS 85070 P	HST-DE 70 W	narrow beam	6800 lm	48 kg	2 x M20, metal	1 x M20 screw plug (metal)	GHG 660 1915 R0001
Power supply unit 120 V AC	incl. battery with dTLS 85070 P	HST-DE 70 W	narrow beam	6800 lm	48 kg	2 x M20, metal	1 x M20 screw plug (metal)	GHG 660 1915 R0002
Power supply unit 230 -240 V AC	incl. battery, without light fitting				48 kg	2 x M20, metal	1 x M20 screw plug (metal)	GHG 664 5001 R0001

Accessories dTLS 85250 and dTLS 85070

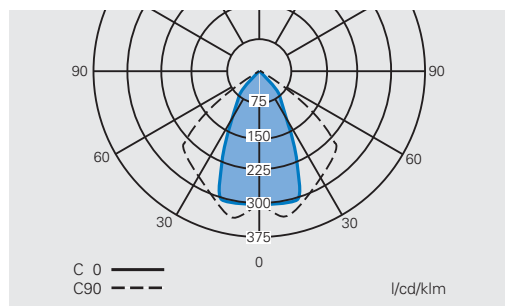
Type	Content	dTLS 85250	dTLS 85070	OU	Order No.
RS	Eye bolt M10 (10 pcs.) galvanised	x	x	1	GHG 690 1921 R0003
L 218	Mounting bracket for inductive version	x	x	1	GHG 690 1913 R0001
L 430	Mounting bracket for compensated version	x		1	GHG 690 1913 R0002
HST-DE 250 W	High pressure sodium lamp 250 W-DE Fc2	x		1	CGS 323 8500 P1009
HIT-DE 250 W	Metal halide lamp 250 W-DE Fc2	x		1	CGS 323 7990 P1009
HST-DE 70 W	High pressure sodium lamp 70 W-DE Rx 7s		x	1	GHG 690 9216 P0001

Scope of delivery without lamp and fixing accessories, if not stated otherwise.
Metal cable glands see catalogue part 2: 2.3.12 ff

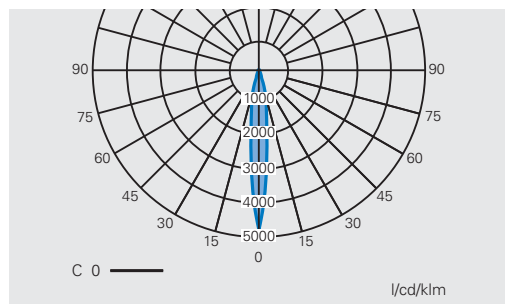
**Polar curve
with reflector narrow beam dTLS 85250**



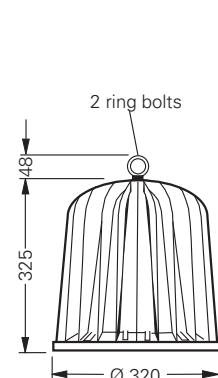
**Polar curve
with reflector wide beam reflector dTLS 85250**



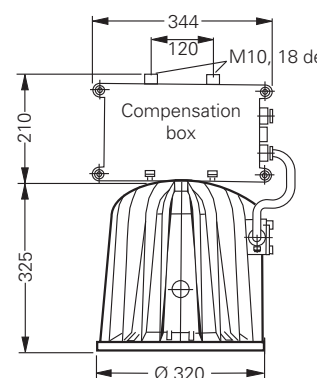
**Polar curve
with reflector dTLS 85070**



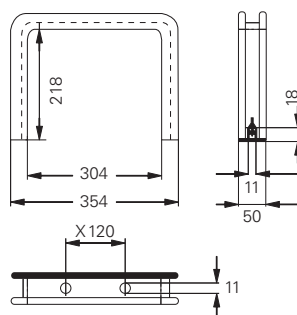
dTLS 85250 ind.



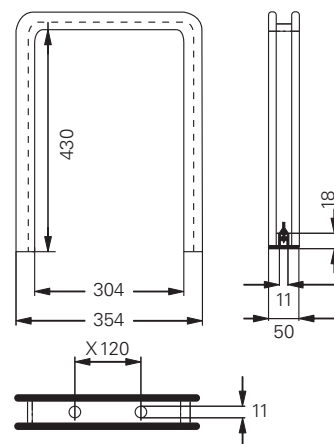
dTLS 85250 comp.



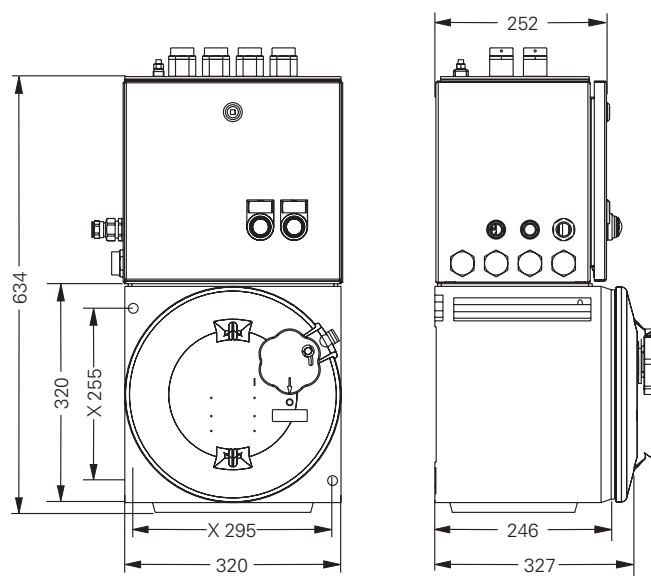
L 218



L 430



GHG 664





Technical data

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	dTLS 85 250 / dTLS 85070	Emergency power supply unit GHG 664
EC-Type Examination Certificate	DMT 03 ATEX E 039	DMT 03 ATEX E 039
IECEX Certificate of Conformity	IECEX BVS 11.0066	
Marking accd. to 94/9/EC	II 2 G Ex de IIC T3 Gb (dTLS 85250) II 2 G Ex de IIC T4 Gb (dTLS 85070)	II 2 G Ex de IIC T6
Marking accd. to IECEx	Ex de IIC T3 Gb / ---	
Permissible ambient temperature	-50 °C up to +55 °C dTLS 85250 ind. -20 °C up to +55 °C dTLS 85250 comp. -20 °C up to +55 °C dTLS 85070	-5 °C up to +40 °C
Output voltage		230 -240 V AC/ 120 V AC
Battery		2 x 12 V, 12 Ah Pb (sealed lead acid accumulator)
Rated voltage	230 V AC	230 V / 120 V
Rated current	3 A (ind.)/ 1.5 A (comp.)	
Power factor cos φ	0.4 (ind.)/ ≥ 0.9 (comp.)	≥ 0.9
Frequency	50 Hz	50 - 60 Hz
Charging duration		≤ 24 h
Power consumption		≤ 40 VA (charging)
Max. output power		80 VA
Circuit	Inductive circuit / compensated circuit	Electronic driver
Protection class	I	I
Lamp / Illuminant	HIT-DE 250 W/HST-DE 250 W (dTLS 85250) HST-DE 70 W (dTLS 85070)	
Rated luminous flux ¹⁾	HIT-DE 250 W: 19000 lm / HST-DE 250 W: 25000 lm HST-DE 70 W: 6800 lm	¹⁾
Lamp cap	Fc2 / RX7s accord. IEC 60061	
Light efficiency in operation	72 % 46 % with diffuser lens	
Rated emergency lighting duration		1.5 h
Dimensions (L x W x H)	Ø 320 x 325 mm	320 x 327 x 634 mm
Connecting terminals	L, N, PE max. 2 x 2.5 mm ²	L, L1, N, PE max. 2 x 6 mm ² mains supply 3 x 2.5 mm ² connection to light fitting
Enclosure colour	grey	grey
Enclosure material	light alloy with powder coating,	light alloy with sea water resistant powder coating
Weight	25 kg / 32 kg (with compensation box)	48 kg
Cable glands / gland plates / enclosure drilling	1 x M25 x 1.5 for cables from Ø 8 - 17 mm 1 x M25 x 1.5 with blanking plug	2 x M20 x 1.5 for cables from Ø 7 - 12 mm (mains supply) 1 x M25 x 1.5 for cables from Ø 11.5- 18 mm (connection to light fitting)
Type of mounting	Ceiling-/wall mounting	Floor/wall mounting
Degree of protection accd. to EN 60529	IP66	IP66
Protective cover / protective bowl	Borosilicate glass	
Reflector	Polished aluminium reflector	

¹⁾ depends on used lamps