



#### **Product features**

Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. Omnidirectional 320° uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes. High lumen package - 2700 lm/W. High lumen efficacy - 100 lm/W. Energy rating - A+. Switching cycles - 200,000X. Average life 40,000 hours lifespan (L70 F50). Wide beam angle - 220°. High power factor - 0.90. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. Suitable for operation with electromagnetic gears and direct mains operation (220-240V). 3-Year













#### PRODUCT OVERVIEW

Technology	LED
Ordering number	0027377
Cap/Base	G13
Lamp finish	Frosted
Burning position	Universal
ETIM Class	EC001959
Luminous flux (Im)	2700
Efficacy (lm/w)	100
Colour temperature (K)	6500
Light colour	6500 Daylight
Colour Consistency (SDCM)	6
Wattage (W)	27
Product Voltage (V)	4
Dimmable	No
Average life (Nominal) (h)	40000
IP rating	IP20
Product EAN number	5410288273778
Product Visible for Web	Υ

#### **DATA TABLE**

General data	
Technology	LED
Ordering number	0027377
Cap/Base	G13
E-number Sweden	8292180
E-number Finland	4740447
Notes	Non dimmable



Range features	ToLEDo T8 V4 is a range of energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. ToLEDo T8 V4 shares same glass construction design as traditional fluorescent T8 tubes and benefits from omnidirectional 320-degree uniform light distribution. A+ energy rating with 100 lm/W makes ToLEDo T8 V4 perfect for customers looking for affordable and energy efficient LED solution to replace the conventional fluorescent T8 lamp. High switching cycles and 40,000 hours life span keeps maintenance cost low and gives complete peace of mind to customers. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. ToLEDo T8 V3 is compatible with electromagnetic gears and also suitable for direct mains operation.
Tender text	Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. Omnidirectional 320° uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes. High lumen package - 2700 lm/W. High lumen efficacy - 100 lm/W. Energy rating - A+. Switching cycles - 200,000X. Average life 40,000 hours lifespan (L70 F50). Wide beam angle - 220°. High power factor - 0.90. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. Suitable for operation with electromagnetic gears and direct mains operation (220-240V). 3-Year warranty.
Product name	ToLEDo T8 V4 5FT 27W 2700LM 865
Lamp finish	Frosted
Burning position	Universal
Lamp shape	LED Tubes T8
Control gear availability	No
General application	Logistics & Industry, Education, Residential & Consumer, Office, Hospitality, Retail, Museums & Galleries,
Sales pack quantity	10
Operating Temperature Range (°C)	25
ETIM Class	EC001959
Optical data	
No. of switching cycles before premature failure (min)	200000
Certifications	EUERL010
Luminous flux (Im)	2700
Luminous flux (Rated) (Im)	2700
Efficacy (Im/w)	100
Colour temperature (K)	6500
Correlated colour temperature range (K)	6500
Light colour	6500 Daylight
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	70
Electrical data	
Watt (Rated) (W)	27
Wattage (W)	27
- ,	



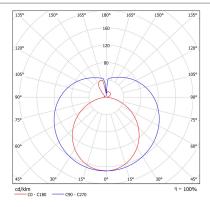
Average life (Nominal) (h) 40000 Average life (Rated) (h) 40000	Observation of the second ( )	0.5
(e) Current (A) Diamins voltage (V) Mains voltage (V) Product Voltage (V) A Lamp power factor Control gear required No No. Of switching cycles before premature Ifailures Transformer required No Dimmable No Lamp Energy Label (class) Lamp Energy Habel (class) Lamp Energy Energ		
Current (A)         0.12           Mains voltage (V)         4           Lamp power factor         0.9           Control gear required         No           No. Of switching cycles before premature failures         2000000           Transforme required         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Average life (Nominal) (h)         40000           Average life (Rated) (h)         40000           Physical data         No           Lamp included         No           Lamp, equiv, dim, equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34328           Single packaging weight (kg)         0.484           Single packaging weight (kg)         0.2           Outer package revs weight (kg)         5.849           Outer package gross weight (kg)         5.849           Outer package weight (kg)         5.849           Outer packaging weight (kg)         5.849           Outer packaging weight (mm)         1513           Max. Lamp Length (mm)         1520           Max. Lamp Length		< IS => bU%
Mains voltage (V)         230V^-           Product Voltage (V)         4           Lamp power factor         0.9           Control gear required         No           No. Of switching cycles before premature failures         2000000           Transformer required         No           Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         2           Lifetime data         Vaccase life (Nominal) (h)           Average life (Rated) (h)         40000           Average life (Rated) (h)         40000           Physical data         Lamp included           Lamp included         No           Lamp_equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3,34328           Single product gross weight (kg)         0,2           Outer package volume (dm3)         5,849           Outer packaging weight (kg)         5,849           Outer packaging weight (kg)         3,009           IP rating         IP20           Nominal Product Length (mm) - A         1513           Max. Lamp Length (mm) - C         1513		0.12
Product Voltage (V)         4           Lamp power factor         0.9           Control gear required         No           No. Of switching cycles before premature failures         2000000           Transformer required         No           Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Average life (Nominal) (h)         40000           Average life (Rated) (h)         40000           Physical data         Lamp Included         No           Lamp Lequiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34528           Single product gross weight (kg)         0.2           Outer packaging weight (kg)         0.2           Outer package volume (dm3)         5.849           Outer package volume (dm3)         50.715           Outer package volume (dm3)         60.715		
Lamp power factor         0.9           Control gear required         No           No. Of switching cycles before premature failures         2000000           Transformer required         No           Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Lifetime data           Average life (Nominal) (h)         40000           Average life (Rated) (h)         40000           Physical data         Lamp included           Lamp included         No           Lamp equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34328           Single package wolume (dm3)         3.34328           Single package met weight (kg)         0.484           Single package met weight (kg)         0.2           Outer package gross weight (kg)         5.849           Outer package wolume (dm3)         50.715           Outer packaging weight (kg)         3.849           Outer packaging weight (kg)         3.09           IP rating         IP20           Nominal Product Length (mm) - A	_ · · /	
Control gear required         No           No. Of switching cycles before premature failures         2000000           Transformer required         No           Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Average life (Nominal) (h)         40000           Average life (Rated) (h)         40000           Physical data         No         Amount of the common of the	• , ,	
No. Of switching cycles before premature failures         2000000           Transformer required         No           Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data		
failures Transformer required No Dimmable No Lamp Energy Label (class) A+ Energy efficiency level KWh per 1000 hours burning time  Lifetime data  Average life (Nominal) (h) Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  Average life (Rated) (h)  A		-
Dimmable         No           Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Lifetime data           Average life (Nominal) (h)         40000           Average life (Rated) (h)         40000           Physical data         Lamp included           Lamp included         No           Lamp equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3,34328           Single product gross weight (kg)         0,2           Outer packaging weight (kg)         0,2           Outer package net weight (kg)         0,2           Outer package gross weight (kg)         5,849           Outer package wolume (dm3)         50,715           Outer package weight (kg)         3,009           IP rating         IP20           Nominal Product Length (mm)         1513           Max. Lamp base to base (mm) - A         1499           Length base to pin Min-Max (mm) - B         1506           Max. Lamp Length (mm) - C/L         1513           Max. Lamp Length (mm) - D         28           Weight (kg)         0,284 <th></th> <th>20000</th>		20000
Lamp Energy Label (class)         A+           Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         Average life (Nomlinal) (h)         40000           Average life (Rated) (h)         40000           Physical data         Lamp included         No           Lamp_equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34328           Single packaging weight (kg)         0.484           Single product gross weight (kg)         0.484           Single packaging weight (kg)         0.2           Outer package spross weight (kg)         5.849           Outer packaging weight (kg)         3.09           Ure packaging weight (kg)         3.09           IP rating         IP20           Nominal Product Length (mm)         1513           Max. Length base to base (mm) - A         1499           Length base to pin Min-Max (mm) - B         1506           Max. Lamp Diameter (mm) - C/L         1513           Max. Lamp Diameter (mm) - D         28           Weight (kg)         0.284           Packaging single length (cm)         158.0           Packaging single length (cm)	Transformer required	No
Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         John Common State of Sta	Dimmable	No
Energy efficiency level         A+           kWh per 1000 hours burning time         27           Lifetime data         John Common State of Sta	Lamp Energy Label (class)	A+
Average life (Nominal) (h) 40000  Average life (Rated) (h) 40000  Physical data  Lamp included No Lamp_equlv_dlm_equal Yes Diameter (mm) 28  Single package volume (dm3) 3.34328  Single product gross weight (kg) 0.484  Single packaging weight (kg) 0.2  Outer package net weight (kg) 2.84  Outer package gross weight (kg) 5.849  Outer package volume (dm3) 50.715  Outer package weight (kg) 1.92  Nominal Product Length (mm) 1513  Max. Length base to pin Min-Max (mm) - B 1506  Max. Lamp Length (mm) - C/L 1513  Max. Lamp Diameter (mm) - D 28  Weight (kg) 0.284  Packaging  Single packaging type Carton  Product EAN number 5410288273778  Packaging single wigth (cm) 4.6  Packaging single wigth (cm) 4.6  Packaging single wigth (cm) 4.6  DUN14 (outer) 15410288273775  Units per outer package 10  Packaging outer width (cm) 150.5  Packaging outer width (cm) 25.9		A+
Average life (Nominal) (h)	kWh per 1000 hours burning time	27
Average life (Nominal) (h)		
Average life (Rated) (h)  Physical data  Lamp included	Lifetime data	
Average life (Rated) (h)  Physical data  Lamp included	Average life (Nominal) (h)	40000
Lamp included         No           Lamp_equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34328           Single product gross weight (kg)         0.484           Single packaging weight (kg)         0.2           Outer package net weight (kg)         2.84           Outer package volume (dm3)         50.715           Outer packaging weight (kg)         3.009           IP rating         IP20           Nominal Product Length (mm)         1513           Max. Length base to base (mm) - A         1499           Length base to pin Min-Max (mm) - B         1506           Max. Lamp Length (mm) - C/L         1513           Max. Lamp Diameter (mm) - D         28           Weight (kg)         0.284           Packaging         Carton           Product EAN number         5410288273778           Packaging single length (cm)         4.6           Packaging single width (cm)         4.6           Packaging single height (cm)         4.6           DUN14 (outer)         15410288273775           Units per outer package         10           Packaging outer length (cm)         160.5           Packaging outer width (cm)		40000
Lamp included         No           Lamp_equiv_dim_equal         Yes           Diameter (mm)         28           Single package volume (dm3)         3.34328           Single product gross weight (kg)         0.484           Single packaging weight (kg)         0.2           Outer package net weight (kg)         2.84           Outer package volume (dm3)         50.715           Outer packaging weight (kg)         3.009           IP rating         IP20           Nominal Product Length (mm)         1513           Max. Length base to base (mm) - A         1499           Length base to pin Min-Max (mm) - B         1506           Max. Lamp Length (mm) - C/L         1513           Max. Lamp Diameter (mm) - D         28           Weight (kg)         0.284           Packaging         Carton           Product EAN number         5410288273778           Packaging single length (cm)         4.6           Packaging single width (cm)         4.6           Packaging single height (cm)         4.6           DUN14 (outer)         15410288273775           Units per outer package         10           Packaging outer length (cm)         160.5           Packaging outer width (cm)		
Lamp_equiv_dim_equalYesDiameter (mm)28Single package volume (dm3)3.34328Single product gross weight (kg)0.484Single packaging weight (kg)2.84Outer package net weight (kg)5.849Outer package volume (dm3)50.715Outer packaging weight (kg)3.009IP ratingIP20Nominal Product Length (mm)1513Max. Length base to base (mm) - A1499Length base to pin Min-Max (mm) - B1506Max. Lamp Length (mm) - C/L1513Max. Lamp Diameter (mm) - D28Weight (kg)0.284PackagingCartonProduct EAN number5410288273778Packaging single length (cm)158.0Packaging single height (cm)4.6Packaging single height (cm)4.6DUN14 (outer)15410288273775Units per outer package10Packaging outer length (cm)160.5Packaging outer width (cm)160.5Packaging outer width (cm)25.9	Physical data	
Lamp_equiv_dim_equalYesDiameter (mm)28Single package volume (dm3)3.34328Single product gross weight (kg)0.484Single packaging weight (kg)2.84Outer package net weight (kg)5.849Outer package volume (dm3)50.715Outer packaging weight (kg)3.009IP ratingIP20Nominal Product Length (mm)1513Max. Length base to base (mm) - A1499Length base to pin Min-Max (mm) - B1506Max. Lamp Length (mm) - C/L1513Max. Lamp Diameter (mm) - D28Weight (kg)0.284PackagingCartonProduct EAN number5410288273778Packaging single length (cm)158.0Packaging single height (cm)4.6Packaging single height (cm)4.6DUN14 (outer)15410288273775Units per outer package10Packaging outer length (cm)160.5Packaging outer width (cm)160.5Packaging outer width (cm)25.9	Lamp included	No
Diameter (mm)         28           Single package volume (dm3)         3.34328           Single product gross weight (kg)         0.484           Single packaging weight (kg)         0.2           Outer package net weight (kg)         5.849           Outer package volume (dm3)         50.715           Outer packaging weight (kg)         3.009           IP rating         IP20           Nominal Product Length (mm)         1513           Max. Length base to base (mm) - A         1499           Length base to pin Min-Max (mm) - B         1506           Max. Lamp Length (mm) - C/L         1513           Max. Lamp Diameter (mm) - D         28           Weight (kg)         0.284           Packaging         0.284           Packaging         5410288273778           Packaging single length (cm)         158.0           Packaging single length (cm)         4.6           PuN14 (outer)         4.6           PuN14 (outer)         15410288273775           Units per outer package         10           Packaging outer length (cm)         160.5           Packaging outer width (cm)         25.9	•	Yes
Single package volume (dm3) 3.34328 Single product gross weight (kg) 0.484 Single packaging weight (kg) 0.2 Outer package net weight (kg) 2.84 Outer package gross weight (kg) 5.849 Outer package volume (dm3) 50.715 Outer package weight (kg) 3.009 IP rating IP20 Nominal Product Length (mm) 1513 Max. Length base to base (mm) - A 1499 Length base to pin Min-Max (mm) - B 1506 Max. Lamp Length (mm) - C/L 1513 Max. Lamp Diameter (mm) - D 28 Weight (kg) 0.284  Packaging Single packaging type Carton Product EAN number 5410288273778 Packaging single length (cm) 4.6 Packaging single height (cm) 4.6 Packaging single height (cm) 4.6 Packaging single height (cm) 15410288273775 Units per outer package 10 Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9		28
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Outer package net weight (kg) 2.84 Outer package gross weight (kg) 5.849 Outer package volume (dm3) 50.715 Outer packaging weight (kg) 3.009 IP rating IP20 Nominal Product Length (mm) 1513 Max. Length base to base (mm) - A 1499 Length base to pin Min-Max (mm) - B 1506 Max. Lamp Length (mm) - C/L 1513 Max. Lamp Diameter (mm) - D 28 Weight (kg) 0.284  Packaging Single packaging type Carton Product EAN number 5410288273778 Packaging single length (cm) 158.0 Packaging single width (cm) 4.6 Packaging single height (cm) 4.6 DUN14 (outer) 15410288273775 Units per outer package 10 Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9	Single product gross weight (kg)	0.484
Outer package gross weight (kg) 5.849 Outer package volume (dm3) 50.715 Outer packaging weight (kg) 3.009 IP rating IP20 Nominal Product Length (mm) 1513 Max. Length base to base (mm) - A 1499 Length base to pin Min-Max (mm) - B 1506 Max. Lamp Length (mm) - C/L 1513 Max. Lamp Diameter (mm) - D 28 Weight (kg) 0.284  Packaging Single packaging type Carton Product EAN number 5410288273778 Packaging single length (cm) 158.0 Packaging single height (cm) 4.6 Packaging single height (cm) 4.6 DUN14 (outer) 15410288273775 Units per outer package 10 Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9	Single packaging weight (kg)	0.2
Outer package volume (dm3) 50.715 Outer packaging weight (kg) 3.009 IP rating IP20 Nominal Product Length (mm) 1513 Max. Length base to base (mm) - A 1499 Length base to pin Min-Max (mm) - B 1506 Max. Lamp Length (mm) - C/L 1513 Max. Lamp Diameter (mm) - D 28 Weight (kg) 0.284  Packaging  Single packaging type Carton Product EAN number 5410288273778 Packaging single length (cm) 158.0 Packaging single width (cm) 4.6 Packaging single height (cm) 4.6 DUN14 (outer) 15410288273775 Units per outer package 10 Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9	Outer package net weight (kg)	2.84
Outer packaging weight (kg) IP rating IP20 Nominal Product Length (mm) I513 Max. Length base to base (mm) - A Length base to pin Min-Max (mm) - B Length base to pin Min-Max (mm) - B Max. Lamp Length (mm) - C/L I513 Max. Lamp Diameter (mm) - D 28 Weight (kg) O.284  Packaging Single packaging type Carton Product EAN number Fackaging single length (cm) Packaging single width (cm) Packaging single height (cm) DUN14 (outer) Units per outer package 10 Packaging outer length (cm) 150.5 Packaging outer width (cm) 25.9	Outer package gross weight (kg)	5.849
IP rating Nominal Product Length (mm) 1513  Max. Length base to base (mm) - A Length base to pin Min-Max (mm) - B Length base to pin Min-Max (mm) - B Length base to pin Min-Max (mm) - B Max. Lamp Length (mm) - C/L Max. Lamp Diameter (mm) - D 28 Weight (kg)  Packaging  Single packaging type Carton Product EAN number Packaging single length (cm) 158.0 Packaging single width (cm) 4.6 Packaging single height (cm) 4.6 DUN14 (outer) Units per outer package 10 Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9	Outer package volume (dm3)	50.715
Nominal Product Length (mm)  Max. Length base to base (mm) - A  Length base to pin Min-Max (mm) - B  Max. Lamp Length (mm) - C/L  Max. Lamp Diameter (mm) - D  Weight (kg)  Packaging  Single packaging type  Product EAN number  Product EAN number  Packaging single length (cm)  Packaging single width (cm)  Packaging single height (cm)  DUN14 (outer)  Units per outer package  Packaging outer length (cm)  Packaging outer width (cm)  25.9	Outer packaging weight (kg)	3.009
Max. Length base to base (mm) - A  Length base to pin Min-Max (mm) - B  Max. Lamp Length (mm) - C/L  Max. Lamp Diameter (mm) - D  Weight (kg)  Packaging  Single packaging type  Product EAN number  Product EAN number  Packaging single length (cm)  Packaging single width (cm)  Packaging single height (cm)  DUN14 (outer)  Units per outer package  Packaging outer length (cm)  Packaging outer width (cm)  25.9	IP rating	IP20
Length base to pin Min-Max (mm) - B  Max. Lamp Length (mm) - C/L  Max. Lamp Diameter (mm) - D  28  Weight (kg)  Carton  Product EAN number  Packaging single length (cm)  Packaging single width (cm)  Packaging single height (cm)  DUN14 (outer)  Units per outer package  Packaging outer length (cm)  Packaging outer width (cm)  25.9	- , ,	1513
Max. Lamp Length (mm) - C/L  Max. Lamp Diameter (mm) - D  28  Weight (kg)  Packaging  Single packaging type  Product EAN number  Packaging single length (cm)  Packaging single width (cm)  Packaging single height (cm)  DUN14 (outer)  Units per outer package  Packaging outer length (cm)  Packaging outer width (cm)  25.9		
Max. Lamp Diameter (mm) - D28Weight (kg)0.284PackagingCartonSingle packaging typeCartonProduct EAN number5410288273778Packaging single length (cm)158.0Packaging single width (cm)4.6Packaging single height (cm)4.6DUN14 (outer)15410288273775Units per outer package10Packaging outer length (cm)160.5Packaging outer width (cm)25.9	. , , ,	
Weight (kg)0.284PackagingCartonSingle packaging typeCartonProduct EAN number5410288273778Packaging single length (cm)158.0Packaging single width (cm)4.6Packaging single height (cm)4.6DUN14 (outer)15410288273775Units per outer package10Packaging outer length (cm)160.5Packaging outer width (cm)25.9	,	
Packaging  Single packaging type Carton  Product EAN number 5410288273778  Packaging single length (cm) 158.0  Packaging single width (cm) 4.6  Packaging single height (cm) DUN14 (outer) 15410288273775 Units per outer package 10  Packaging outer length (cm) 160.5  Packaging outer width (cm) 25.9		
Single packaging type Carton Product EAN number 5410288273778  Packaging single length (cm) 158.0  Packaging single width (cm) 4.6  Packaging single height (cm) 4.6  DUN14 (outer) 15410288273775  Units per outer package 10  Packaging outer length (cm) 160.5  Packaging outer width (cm) 25.9	Weight (kg)	0.284
Single packaging type Carton Product EAN number 5410288273778  Packaging single length (cm) 158.0  Packaging single width (cm) 4.6  Packaging single height (cm) 4.6  DUN14 (outer) 15410288273775  Units per outer package 10  Packaging outer length (cm) 160.5  Packaging outer width (cm) 25.9	Dankasing	
Product EAN number         5410288273778           Packaging single length (cm)         158.0           Packaging single width (cm)         4.6           Packaging single height (cm)         4.6           DUN14 (outer)         15410288273775           Units per outer package         10           Packaging outer length (cm)         160.5           Packaging outer width (cm)         25.9		
Packaging single length (cm) 158.0  Packaging single width (cm) 4.6  Packaging single height (cm) 4.6  DUN14 (outer) 15410288273775  Units per outer package 10  Packaging outer length (cm) 160.5  Packaging outer width (cm) 25.9		
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Packaging outer length (cm) 160.5 Packaging outer width (cm) 25.9	· ·	
Packaging outer width (cm) 25.9		
Packaging outer height (cm) 12.2		
	Packaging outer height (cm)	12.2



### Safety data

Breakage cleaning instructions	Not applicable
Recommendation for disposal at end of life	Not Applicable
Special purpose lamp	No
Intended purpose	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Suitable for accent lighting	Yes
Safety message	Suitable for totally enclosed fixture

### **PHOTOMETRY**



### **TECHNICAL DRAWINGS**





