



Teknoware **exit lights** for cruise ships

 **TEKNOWARE**®

Elegant. Reliable. Low profile.

Exit lights for cruise ships

Particular attention has been given to the special requirements of the shipboard applications, both the technical characteristics of the products, as well as their appearance. Low-profile LED Exit Lights allow easy installation and provide a reliable and stylish solution to be used especially onboard cruise ships. Evenly illuminated exit symbols are always specified for each ship separately.

We have designed and delivered our specially engineered exit lights for cruise ships already since 1996. Teknoware has supplied LED exit luminaires to some of the world's biggest cruise ships including Oasis class ships for Royal Caribbean Cruise Line.



Viewing

Single or double sided

Pictograms

ordered separately and they are ship-specific

Mounting

Recess or surface

Light source

Latest LED technology



Pictograms

Pictograms are ordered separately and they are ship-specific. Below you can find some examples of the pictograms.



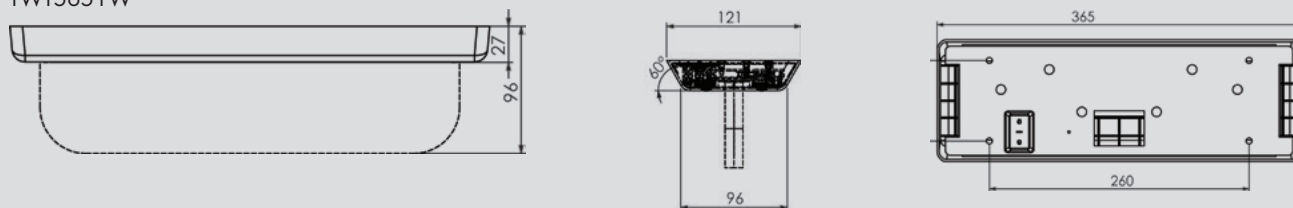
Exit Lights Specifications

Product code	Total height with pictogram	Supply voltage	Input power	Operation mode	Temperature range	Electrical installation	IP classification	Mounting	Weight with pictogram
TWT5651W	96 mm	230 V AC/DC	5,5 VA / 2,5 W	Centrally supplied	-30... +50 °C	2/3 x 2,5 mm ² -o-	IP20	Surface mounting	1,2 kg
TWT5651WU	73 mm (visible part)	230 V AC/DC	5,5 VA / 2,5 W	Centrally supplied	-30... +50 °C	2/3 x 2,5 mm ² -o-	IP20	Recess mounting	1,6 kg
TWT5652W	91 mm	230 V AC/DC	10 VA / 5 W	Centrally supplied	-30... +50 °C	2/3 x 2,5 mm ² -o-	IP20	Surface mounting	2,7 kg
TWT5652WU	73 mm (visible part)	230 V AC/DC	10 VA / 5 W	Centrally supplied	-30... +50 °C	2/3 x 2,5 mm ² -o-	IP20	Recess mounting	3,1 kg
TWT5653WU	73 mm (visible part)	230 V AC/DC	14,8 VA / 7,5 W	Centrally supplied	-30... +50 °C	2/3 x 2,5 mm ² -o-	IP20	Recess mounting	4,6 kg

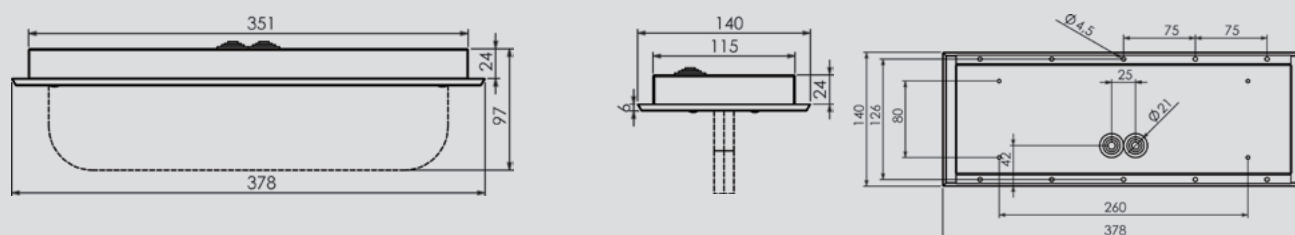
Base plate: Zinc coated steel | **Pictogram:** Acryl | **Recess mounting frame:** Stainless steel
Surface mounting frame: Chrome plated PC/ABS in TWT5651W, Stainless steel in TWT5652W

Dimensions (mm)

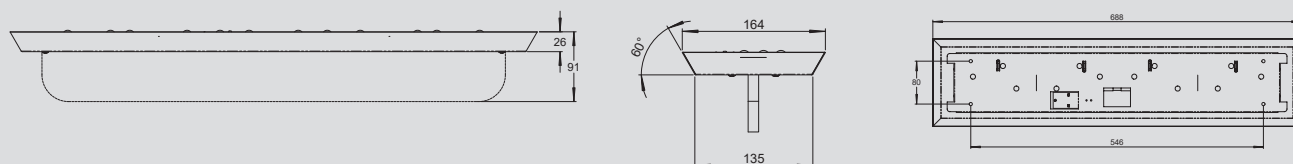
TWT5651W



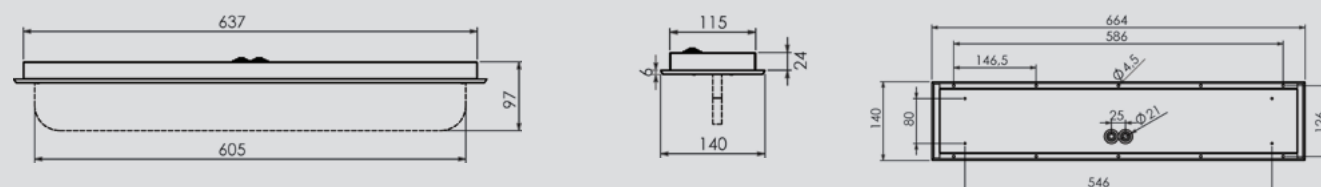
TWT5651WU



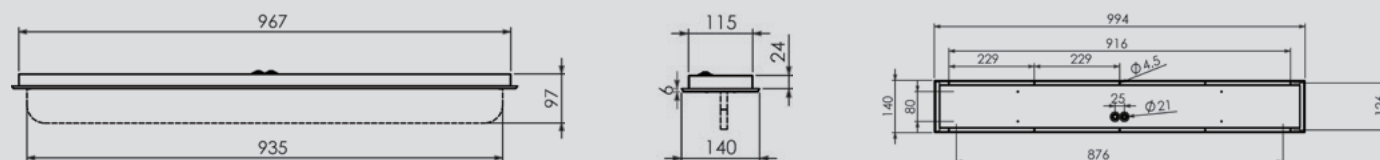
TWT5652W



TWT5652WU



TWT5653WU





Top: M/S Mein Schiff 5, Meyer Turku Finland
Bottom (left to right): M/S Mein Schiff 3, Meyer Turku Finland | M/S Mein Schiff 4, Meyer Turku Finland | M/S Mein Schiff 5, Meyer Turku Finland

References

VESSEL	YEAR
BIRKA LINE	
M/S Birka Paradise	2004
CARNIVAL CRUISES LINES	
M/S Carnival Pride	2002
M/S Carnival Spirit	2001
CELEBRITY CRUISES	
M/S Celebrity Beyond	2021
M/S Celebrity Apex	2020
M/S Celebrity Edge	2018
COSTA CROCIERE	
M/S Costa Atlantica	2000
HAPAG LLOYD	
M/S Europa	1999
CARNIVAL CRUISES LINES	
M/S Carnival Pride	2002
M/S Carnival Spirit	2001

VESSEL	YEAR
ROYAL CARIBBEAN CRUISE LINE	
M/S Wonder of the Seas	2022
M/S Symphony of the Seas	2018
M/S Harmony of the Seas	2016
M/S Allure of the Seas	2010
M/S Oasis of the Seas	2009
M/S Independence of the Seas	2008
M/S Liberty of the Seas	2007
M/S Freedom of the Seas	2006
M/S Mariner of the Seas	2003
M/S Navigator of the Seas	2002
M/S Adventure of the Seas	2001
M/S Voyager of the Seas	1999
M/S Enchantment of the Seas	1997
M/S Grandeur of the Seas	1996
TUI CRUISE	
M/S Mein Schiff 6	2017
M/S Mein Schiff 5	2016
M/S Mein Schiff 4	2015
M/S Mein Schiff 3	2014



Top: M/S Allure of the Seas, STX Finland | M/S Oasis of the Seas, STX Finland Bottom: M/S Oasis of the Seas, STX Finland | M/S Mein Schiff 5, Meyer Turku Finland

LET THERE BE CONFIDENCE.

People tend to take the presence of light for granted. We take it seriously. Our passion for finding the best interior solution or lighting for our customers' needs is the foundation which unites our three businesses. The Bus & Coach and Rail Divisions aim to increase our customer vehicles' comfort, safety and functionality. The Emergency Lighting Division is innovating new means and measures to improve the safety and usability of buildings and cruise ships.

Teknoware is your local partner. We employ over 500 experts in 8 countries, and our sales network serves customers in over 50 countries. Our head office and largest production facilities are located in Finland, and our other world-class production units are located in the UK, Malaysia, Poland and the US.

Teknoware is part of the Teknopower Group.

Teknoware – Made in Finland.