

TRANBERG® IMT CIRCLE & H

ILED Aquarius Circle & H
Helideck Lighting System



Developed with close guidance from the CAA and certified to be in full accordance with the requirements of CAP 437, edition 8, TRANBERG® IMT's CIRCLE-H TD/PM Lighting System provides the optimum solution. Cleanly and clearly indicating the TD/PM Circle and H, the TRANBERG® IMT CIRCLE-H stands out through its robust design, use

of only the most durable materials, ease of installation and minimum of maintenance requirements.

The TRANBERG® IMT CIRCLE-H can be installed as a stand-alone system or as a fully integrated total helideck lighting and status light safety system solution.

The optimization of the mounting arrangements for the Mark II CIRCLE-H has led to a 60% reduction in the number of holes in the deck required (for bolt-down installations) without compromising on mechanical strength, which exceeds the requirements set forth by CAP437.

Application

- Lighting the C&H marking on helidecks.

Features and benefits

- Great visibility.
- Simple installation.
- Robust design.
- Minimum maintenance requirements.
- Low profile.
- Unique "interlock" design to withstand impact shear forces.
- The light intensity is adjustable - full control by communication.
- Can be fully integrated with TRANBERG® IMT Helideck status light Systems.
- Easy connection, by plug system.
- A variety of fixing methods - to suit all helideck types.
- Easy to replace fixtures.
- Low power consumption.
- Special anti-slip coating.
- In accordance with the CAP 437 8th edition.

Approvals and certificates

ATEX and IECEx Zone 1 certified.
DEKRA Light Certificate.



Technical Data

Material:	Machined Marine Grade Aluminium w/ anti-slip coating
Light source / colour:	LED / Green and Amber
Luminous Intensity:	Standard and bright setting
Average power:	Approx. 275W in bright setting *
Horizontal emission:	According to CAP 437
Tamb:	-30°C to +55°C
Burning position:	Base down
(Re) ignition:	Immediate
Voltage range system:	24 V DC +/- 10% and 90-255 V AC
Ingress protection:	IP66/67
IEC protection classes:	Class 1
Connection:	Special explosion proof plug system
ATEX certificate / marking:	DEKRA 13 ATEX0173 / Ex II 2 G Ex e mb IIB T4 Gb
IECEx certificate / marking:	IECEx DEK 13.0059 / Ex e mb IIB T4 Gb

* Depending on size D-value/ system requirements

TRANBERG STAHL

THE STRONGEST LINK.

R. STAHL TRANBERG AS

Main office | Strandsvingen 6 | N-4032 Stavanger, Norway | T +47 51 57 89 00 | E info.no-st@r-stahl.com | stahl-tranberg.com
Oslo office | Lührtoppen 2 | N-1470 Lørenskog, Norway | T +47 24 08 44 10 | E info.no-os@r-stahl.com | stahl-tranberg.com

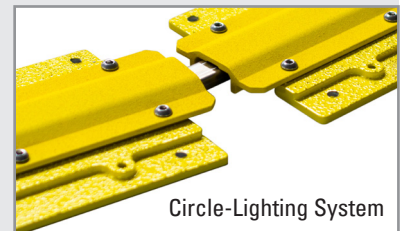
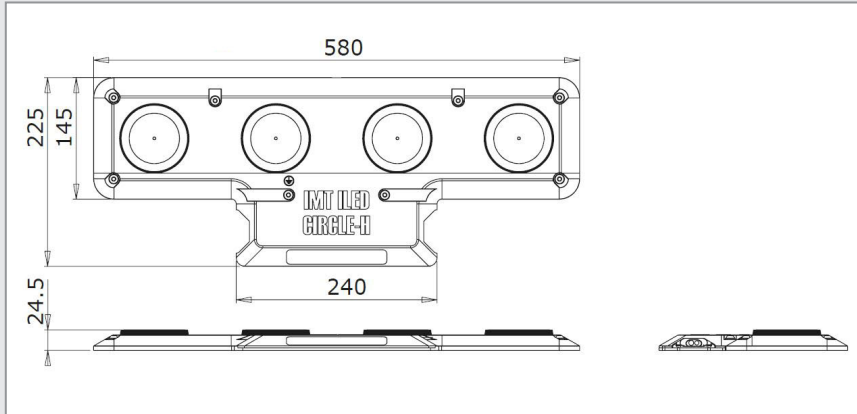
Subject to change without prior notice

TPS6671 REV.A 02.06.2020

TRANBERG® IMT CIRCLE & H

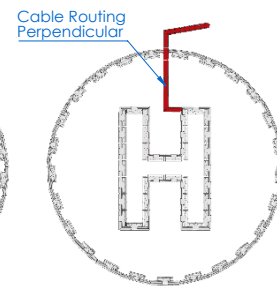
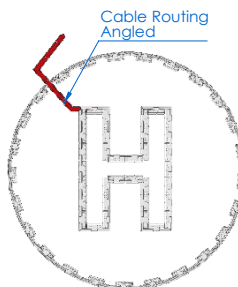
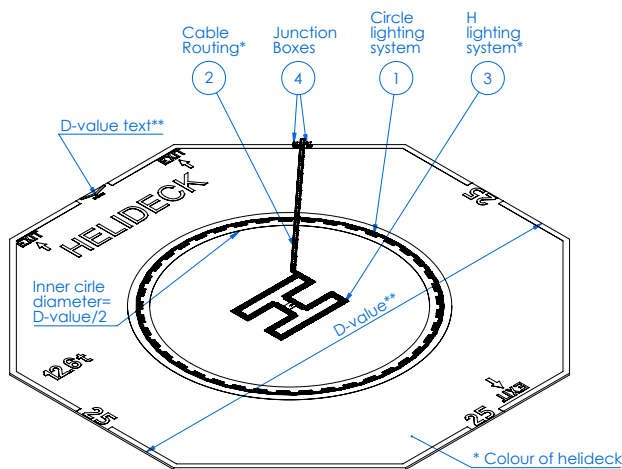
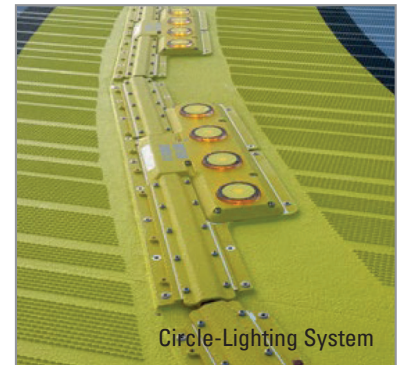
ILED Aquarius Circle & H
Helideck Lighting System

Dimensions / Illustrations



When selecting your TRANBERG® IMT Circle & H system please follow these guidelines:

- Selecting the Circle Lighting System(1):**
 Check your helideck D-value and select a part number matching this value.
- Selecting the Cable routing(2):**
 Check your helideck D-value and colour* and select a part number matching this value.
- Selecting the H-Lighting System (3):**
 The colour you should order depends on the colour* of the helideck.
 Green-White for green painted helideck and Black-White for aluminium coloured helideck.
- Selecting the Junction box(4):**
 Standard Junction boxes for TRANBERG® IMT C&H must be used.
- Selecting the Control Panel:**
 Will be advised by R. Stahl Tranberg when ordering your C&H system.



Description Circle Lighting System (pos 1, figure)	Deck D-value**	Part No.
TRANBERG® IMT Circle Lighting System	15.89-16.55 m	9952107
TRANBERG® IMT Circle Lighting System	16.56-17.22 m	9952108
TRANBERG® IMT Circle Lighting System	17.23-17.89 m	9952109
TRANBERG® IMT Circle Lighting System	17.90-18.56 m	9952110
TRANBERG® IMT Circle Lighting System	18.57-19.23 m	9952111
TRANBERG® IMT Circle Lighting System	19.24-19.90 m	9952112
TRANBERG® IMT Circle Lighting System	19.91-20.57 m	9952113
TRANBERG® IMT Circle Lighting System	20.58-21.24 m	9952114
TRANBERG® IMT Circle Lighting System	21.25-21.91 m	9952115
TRANBERG® IMT Circle Lighting System	21.92-22.58 m	9952116
TRANBERG® IMT Circle Lighting System	22.59-23.25 m	9952117
TRANBERG® IMT Circle Lighting System	23.26-23.91 m	9952118
TRANBERG® IMT Circle Lighting System	23.92-24.58 m	9952119
TRANBERG® IMT Circle Lighting System	24.59-25.25 m	9952120
TRANBERG® IMT Circle Lighting System	25.26-25.92 m	9952121
TRANBERG® IMT Circle Lighting System	25.93-26.59 m	9952122
TRANBERG® IMT Circle Lighting System	26.60-27.26 m	9952123
TRANBERG® IMT Circle Lighting System	27.27-27.92 m	9952124
TRANBERG® IMT Circle Lighting System	27.93-28.59 m	9952125

Description Cable Routing (pos 2, figure)	Colour*	Deck D-value **	Part No.
TRANBERG® IMT C&H Cable routing Angled	Green-White	15.89-18.56 m	9952302
TRANBERG® IMT C&H Cable routing Angled	Green-White	18.57-21.24 m	9952303
TRANBERG® IMT C&H Cable routing Angled	Green-White	21.25-23.91 m	9952304
TRANBERG® IMT C&H Cable routing Angled	Green-White	23.92-26.59 m	9952305
TRANBERG® IMT C&H Cable routing Angled	Green-White	26.60-29.26 m	9952306
TRANBERG® IMT C&H Cable routing Perpendicular	Green-White	15.89-18.56 m	9952312
TRANBERG® IMT C&H Cable routing Perpendicular	Green-White	18.57-21.24 m	9952313
TRANBERG® IMT C&H Cable routing Perpendicular	Green-White	21.25-23.91 m	9952314
TRANBERG® IMT C&H Cable routing Perpendicular	Green-White	23.92-26.59 m	9952315
TRANBERG® IMT C&H Cable routing Perpendicular	Green-White	26.60-29.26 m	9952316
TRANBERG® IMT C&H Cable routing Angled	Black-White	15.89-18.56 m	9952322
TRANBERG® IMT C&H Cable routing Angled	Black-White	18.57-21.24 m	9952323
TRANBERG® IMT C&H Cable routing Angled	Black-White	21.25-23.91 m	9952324
TRANBERG® IMT C&H Cable routing Angled	Black-White	23.92-26.59 m	9952325
TRANBERG® IMT C&H Cable routing Angled	Black-White	26.60-29.26 m	9952326
TRANBERG® IMT C&H Cable routing Perpendicular	Black-White	15.89-18.56 m	9952332
TRANBERG® IMT C&H Cable routing Perpendicular	Black-White	18.57-21.24 m	9952333
TRANBERG® IMT C&H Cable routing Perpendicular	Black-White	21.25-23.91 m	9952334
TRANBERG® IMT C&H Cable routing Perpendicular	Black-White	23.92-26.59 m	9952335
TRANBERG® IMT C&H Cable routing Perpendicular	Black-White	26.60-29.26 m	9952336
TRANBERG® IMT C&H Cable routing Through deck		N/A	9952400



R. STAHL TRANBERG AS

Main office | Strandsvingen 6 | N-4032 Stavanger, Norway | T +47 51 57 89 00 | E info.no-st@r-stahl.com | stahl-tranberg.com
 Oslo office | Luhrtoppen 2 | N-1470 Lørenskog, Norway | T +47 24 08 44 10 | E info.no-os@r-stahl.com | stahl-tranberg.com

TRANBERG® IMT CIRCLE & H

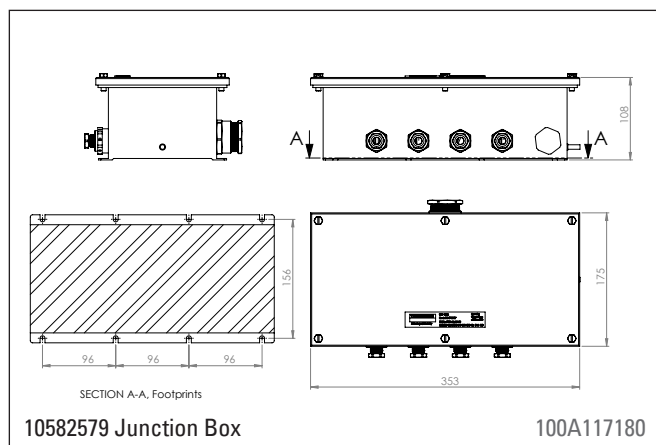
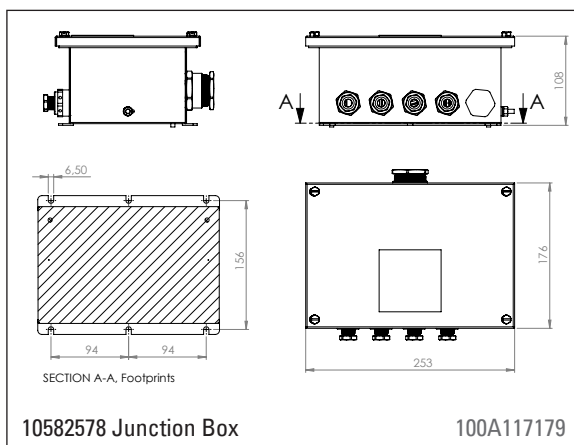
ILED Aquarius Circle & H
Helideck Lighting System

Description H-Lighting System (pos 3, figure)	Colour*	Part No.
TRANBERG® IMT H Lighting System	Green-White	9952200
TRANBERG® IMT H Lighting System	Black-White	9952201

Description Junction Box	Part No.
Junction Box Exe, IP66, AISI 316L, single run*	10582578
Junction Box Exe, IP66, AISI 316L, double run**	10582579

* Single run = for circle or H.

** Double run = for both circle and H.



Description Control Panels	Part No.
TRANBERG® IMT C&H control panel, Non-Ex, Indoor, 90-240 VAC	9952900
TRANBERG® IMT C&H control panel, Ex, Outdoor, 90-240 VAC	9952910
TRANBERG® IMT C&H control panel, Non-Ex, Indoor, 24 VDC	9952903
TEF 4600 Integrated control system, 230 VAC, standard lighting + IMT C&H	4600231
TEF 4600 Integrated control system, 110-240 VAC, IMT C&H + Status light	4600261
TEF 4600 Integrated control system, 230 VAC, All functions	4600271



R. STAHL TRANBERG AS

Main office | Strandsvingen 6 | N-4032 Stavanger, Norway | T +47 51 57 89 00 | E info.no-st@r-stahl.com | stahl-tranberg.com

Oslo office | Luhrtoppen 2 | N-1470 Lørenskog, Norway | T +47 24 08 44 10 | E info.no-os@r-stahl.com | stahl-tranberg.com