

- 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 & ICAO Annex 14.

MY R. STAHL T9952A



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.

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.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table

1. order position - Circle Lighting System (pos 1, figure)								
Figure	Product description	D-value of deck	Enclosure colour	Power	Light segment per circle	Product Type	Art. No.	Weight
	TRANBERG® IMT Circle lighting system	15.89 – 16.55 m	Yellow	216 W	27	TEF9952107	332769	-
		18.57 – 19.23 m	Yellow	248 W	31	TEF9952111	335289	-
		20.58 – 21.24 m	Yellow	272 W	34	TEF9952114	335292	-
		21.92 – 22.58 m	Yellow	288 W	36	TEF9952116	335294	-
		25.93 – 26.59 m	Yellow	336 W	42	TEF9952122	335300	-
		26.6 – 27.26 m	Yellow	344 W	43	TEF9952123	335301	-
		27.27 – 27.92 m	Yellow	352 W	44	TEF9952124	335302	-
2. order position - Cable Routing (pos 2, figure)								
Figure	Product description	D-value of deck	Enclosure colour	Power	Light segment per circle	Product Type	Art. No.	Weight
	TRANBERG® IMT C&H Cable installation	15.89 – 18.56 m	Green	-	-	TEF9952302	335194	-
		18.57 – 21.24 m	Black	-	-	TEF9952323	335188	-
		18.57 – 21.24 m	Green	-	-	TEF9952303	335195	-
		21.25 – 23.91 m	Green	-	-	TEF9952304	335196	-
		23.92 – 26.59 m	Black	-	-	TEF9952325	335190	-
		23.92 – 26.59 m	Green	-	-	TEF9952305	335197	-
		26.6 – 29.26 m	Green	-	-	TEF9952306	335198	-
	TRANBERG® IMT C&H Cable installation Through deck	-	-	-	-	TEF9952400	332768	3 kg
	TRANBERG® IMT C&H Cable installation Vertical	18.57 – 21.24 m	Green	-	-	TEF9952313	335205	-
		21.25 – 23.91 m	Green	-	-	TEF9952314	335206	-
3. order position - H-Lighting System (pos 3, figure)								
Figure	Product description	D-value of deck	Enclosure colour	Power	Light segment per circle	Product Type	Art. No.	Weight
	TRANBERG® IMT H identificat. lighting system	-	Green-white	272 W	34	TEF9952200	332770	-

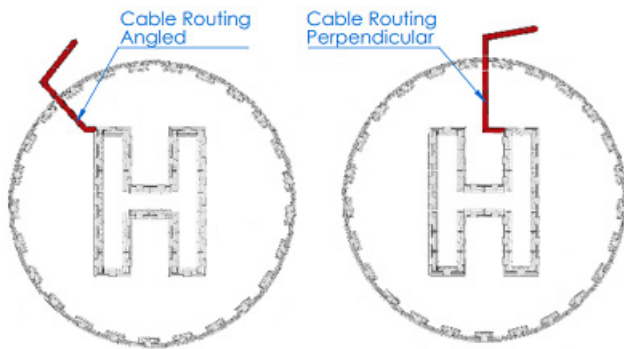
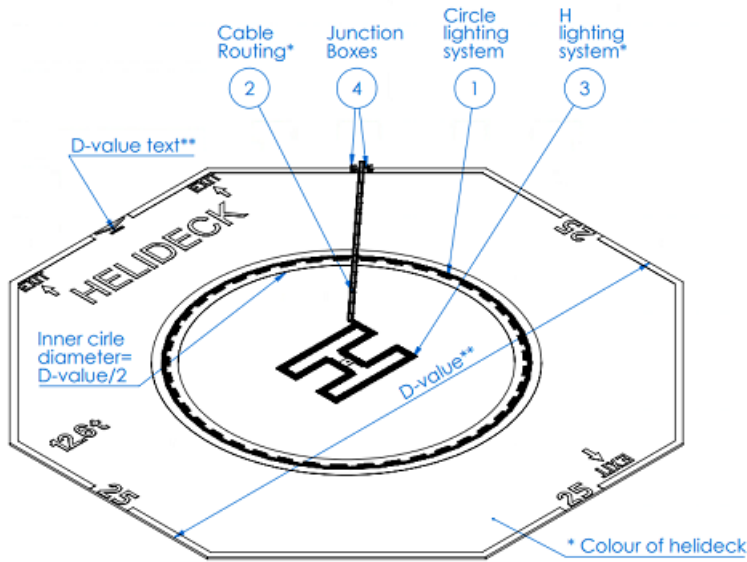
Technical Data

Explosion Protection	
IECEX gas certificate	IECEX DEK 13.0059
IECEX gas explosion protection	Ex e mb IIB T4 Gb
ATEX gas certificate	DEKRA 13 ATEX0173
ATEX gas explosion protection	Ⓔ II 2 G Ex e mb IIB T4 Gb
Electrical Data	
Rated operational voltage DC	24 V
Ambient Conditions	
Ambient temperature	-30 °C ... +55 °C
Lighting Data	
Light intensity	In acc. with CAP 437, 8th ed.
Mechanical Data	
Enclosure material	Seawater-resistant
Surface	Anti-slip coating
Degree of protection (IP) (IEC 60529)	IP66/IP67



Technical Data

Mounting / Installation	
Connection type	Connection line

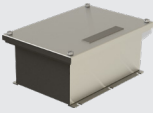
Technical Drawings – Subject to Alterations



Accessories

Figure	Description	Art. No.	Weight
Control system			
	TEF9952960 Helipad Control system for circle and H Ex 230 V AC	336845	-
	TEF9952950 Helipad Control system for circle and H INDOOR 230 V AC	332607	43 kg
	TEF9952953 Helipad Control system for circle and H INDOOR 24 V DC	332608	43 kg

Accessories

Figure	Description	Art. No.	Weight
Junction boxes			
	TEF10582578 Junction box Exe, IP66, AISI 316L, single run	332330	-
	TEF10582579 Junction box Exe, IP66, AISI 316L, double run	332331	3 kg
Control system			
	TEF4600311 Helipad Control system Standard lighting + IMT floodlight, dimmable	332704	100 kg
	TEF4600331 Helipad Control system Standard lighting + IMT circle and H	332705	140 kg
	TEF4600361 Helipad Control system Status beacons + IMT circle and H	332706	140 kg
	TEF4600371 Helipad Control system all functions + IMT circle and H AxioLine	337575	140 kg

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

