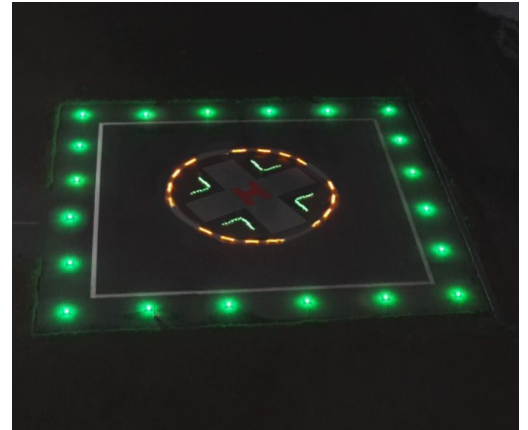


Hospital TD/PM Helipad Marking System (Circle-X)

The Hospital lit touchdown/positioning and lit cross helipad marking system (Circle-X) is Orga's contribution to improve helicopter transportation of patients to and from hospitals, during times of low ambient light (twilight/night). This lighting system supports smoother and more controlled landing, reduces risks, and makes sure your helipad meets the safety requirements. The robust and reliable LED lighting system eliminates the dangerous and disorienting 'black-hole' effect and provides pilots with the best possible visual cues during approach and landing of the helicopter. Designed to allow smooth trolley access the system allows seamless patient transfer, and through its modular design the lighting system installation time is minimalised. Its strong, flexible and low profile metal parts allow landing of both wheel and skidded helicopters. This makes the Circle-X a reliable and sustainable solution.



KEY FEATURES

- No black hole effect
- System design allows for smooth trolley and patient transfer
- Cabling 'through deck' design
- High quality materials
- Strong flexible metal parts with low profile for wheel and skid landing gear
- Modular lighting system
- Minimal installation time
- Robust cable protection
- Compatible to be used in combination with DIFF system
- State of the art high power LED and technology provides superior life and reliability
- Low system power consumption
- Proven to meet the operational and environmental requirements
- Suitable for high pressure jet cleaning

STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 1264; Standards for helicopter landing areas at hospitals, 2nd edition, first amendment 2024 edition, appendix D

PHYSICAL CHARACTERISTICS

- The Circle consisting of 20x C1 (each consisting of 2x HTP100SA-A) plates with a weight of 10kg per plate
- The cross marking consists of 4x CR1-7 and 4x CR2-7 (each consisting of 3x HTP100SA-G) plates with a weight of 15kg per plate
- Degree of protection: IP66, IP67 and IP69 for Touchdown/Positioning and cross marking

ELECTRICAL CHARACTERISTICS

- Operating voltage: from control panel (low voltage max 20 Vdc)
- Power consumption: 65W

PERFORMANCE CHARACTERISTICS

- Steady burning; green Cross marking lighting and yellow Circle lighting
- Effective intensity Circle: 0-10° max. 60cd; 10-20° max. 45cd and 20-90° max. 15cd
- Effective intensity cross marking: 2-12° max. 30cd; 12-20° max. 15cd and 20-90° max. 5cd
- Horizontal beam coverage: as per CAP1264
- Colour chromaticity: as per CAP1264

SYSTEM DESIGN, CONTROL AND MONITORING

- Fault monitoring with fail indication via separate system control and monitoring box (see separate datasheet)

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