

FRICTAPE

Circle & Cross Netlight for Hospitals



KEY FEATURES

- >> Lighting system to illuminate TD/PM area of a helipad in accordance with CAP 1264
- >> Light modules fastened to helideck with screws or rivets
- >> Obstacle free routes to 4 main directions
- >> Also other configurations possible on request

MAIN ELEMENTS

- >> LED based light modules mounted directly to helipad
- >> System height max 24 mm
- >> Control Cabinet and Distribution Box to manage and distribute electrical power
- >> Cable harnesses connect to light modules via module specific junction box in plug and play fashion

ELECTRICAL DETAILS

- >> System internal voltage 24Vdc, PWM controlled
- >> Supported main power supply range 100-240VAC, 24-110VDC, other voltages on request
- >> System power consumption 100-150W, estimated

CONNECTION METHODS

- >> Modules can be attached to steel, aluminium and concrete surfaces
- >> Electrical cables run on surface via trays or below surface via deck penetration

STANDARD SYSTEM COMPONENTS

- >> Light modules mounted on steel plates
 - >> Electric cables (four separate harnesses) for light modules, protected by cable covers
 - >> Control Box with Normal/Bright selector
 - >> Distribution Box
 - >> Cable covers
- >> Documentation included:
- > Installation instructions
 - > Usage and maintenance manuals

CERTIFICATES

- >> System is certified to IP66, IP67, IP69k, ATEX, IECEx
- >> DNV Type Approval
- >> ABS Type Approval

DISCLAIMER

- >> All values presented in this document are typical values
- >> Document is subject to modifications without prior notice



STANDARDS

- > CAP 1264
- > IP66, IP67, IP69k for light modules
- > IP66 for Distribution Box
- > ATEX Classification:
Light modules: II 2G Ex eb mb IIC T6 Gb
Distribution Box: II 2G Ex eb IIC
Control Box: Ex II 2G Ex de IIB / C Gb or safe zone. Other options on request

LIMITATIONS

- >> Use as directed by local aviation authorities
- >> Certified ambient temperature: -30°C to +55°C

INSPECTIONS

- >> Visual inspections of the modules before use

MAINTENANCE

- >> Cleaning as needed
- >> Regular maintenance per Maintenance Logbook

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