

Route Light

XLEDDI demanding area

Technical specifications



DRDS1 / DRDS3

Decentralized w/selftest 230 V AC

- White LED's
- Low effect consume
- Environment friendly battery
- 1 / 3 hour battery
- Unique charging
- EN-60598-2-22/EN-62034
- Easy installation
- Flexi-cable input
- Easy battery-exchange.
- Pot. free outlet option
-card easy installation
- Communication Dali option
- Battery type: NiMH (high temp)
- Battery lifetime 4 yrs
- LED lifetime 5-10yrs
- Ambient temperature -20°C – 30°C
- Night illumination option



DRC24

Centralized 24 V AC/DC

- Same specification, no battery

DRC230

Centralized 230 V AC/DC

- Same specification, no battery

This emergency Light is supplied with Test levels according to EN-62034

Manual TEST:

Functional test, in short version, can be activated by a quick push on the *TEST – button. Then it will be running for 10-15 sek. Duration Test, will be activated, by pushing the *TEST - button for 5-10 sek.

**In some products, the TEST – button will be replaced by a magnetic sensor. Then you need a magnetic TEST - equipment to activate all the manual tests!*

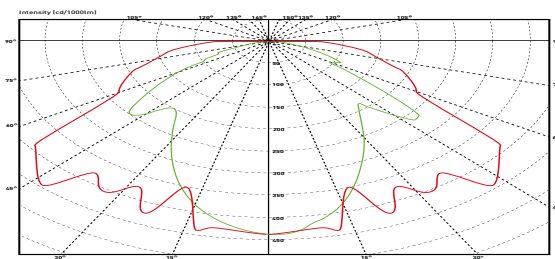
Functional TEST

The test starts automatically once per week and lasts for 5 minutes, checking if all "vital" parts are functioning.

Duration TEST

The test starts automatically once per every 3 months and lasts for 1 hour. The test checks that the battery capacity is sufficient. Duration test can also be started manually.

All tests will be stopped if the battery capacity is too low or if the "Mains/net" falls out. Red or Yellow indicator will illuminate in case there is some internal failure.



Signal lamps

Yellow	Green	Red	
○	●	○	OK
○	○	○	NO charging
○	⊗	○	Maintenance charging
●	●	○	Failure on battery
○	●	●	Failure on light source
●	●	●	Battery- and light source failure
☀	⊗	⊗	Test running

Joint

Functionality	Route lighting
Effect consume	<0,5W
Lightsource	LED
IP – class	IP65
Luminious flux	140 lm

1 lux installed

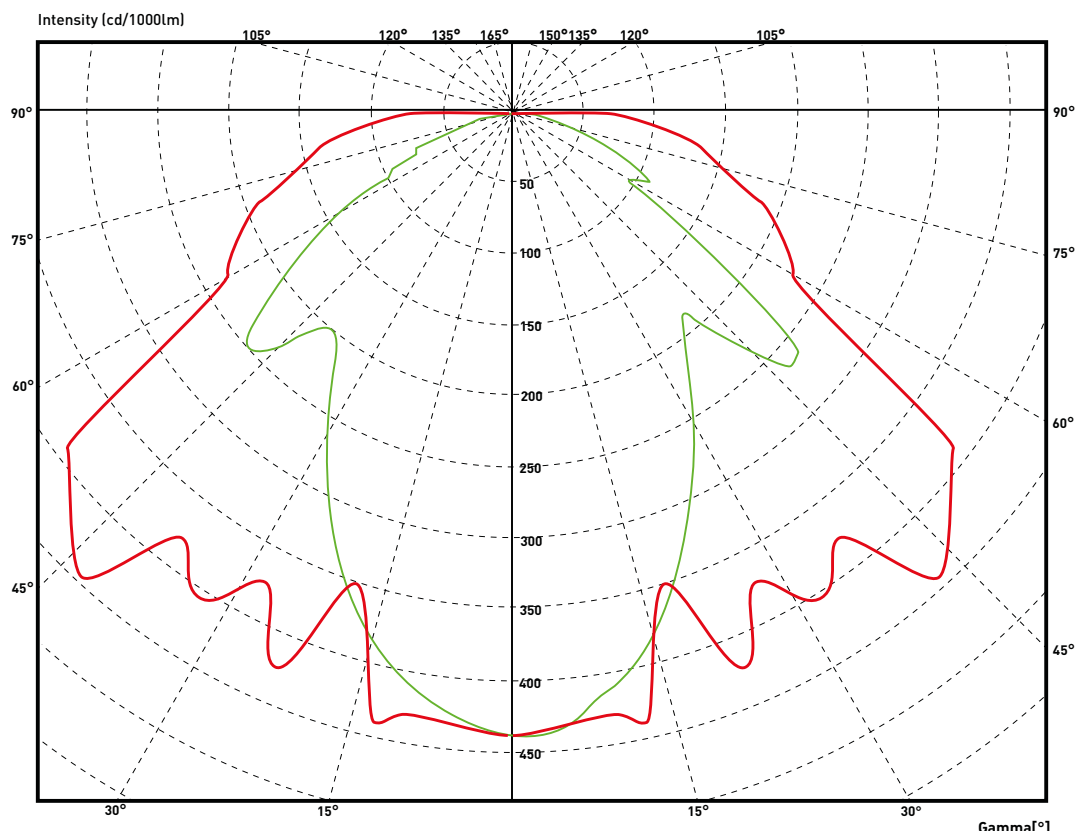
H (m):	2,4	2,8	3,4	5	6
Da :	8,4	9,6	8,2	12	8,4



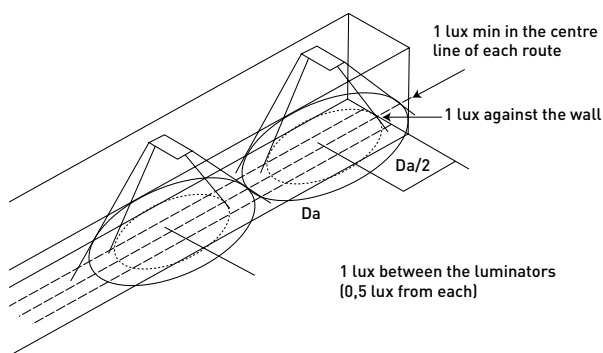
Da (m): Distance between luminaires.
H (m): Hight, ceiling height

Technical specifications

Polar diagram Luxdesign XLEDDI DRDS1 /DRDS3 / DRC24 / DRC230



Escape route

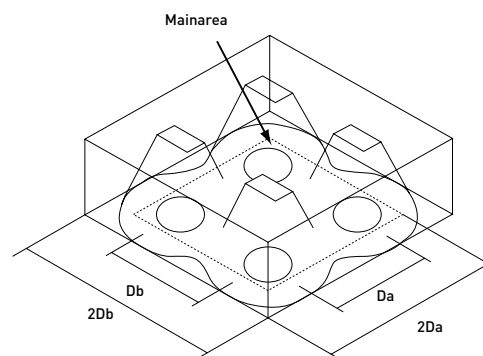


1 lux installed Escape					
H (m):	2,4	2,8	3,4	5	6
Da :	8,4	9,6	8,2	12	8,4

Escape route

The escape route has to be projected such as the center-line has a min. illumination level of 1 lux. The contrast has to be max. 40:1. The center line is defined as half of the total wide of the escape route.

The antipanic area



0,5 lux installed Antipanic					
H (m)	2,4	2,8	3,4	5	6
Da (m)	8,4	9,6	11,8	12	14,4
Db (m)	8,4	6,6	8,2	12	14,4

The antipanic area

The areas, where it probably are people gathered in an emergency situation, shall have a illumination level of at least 0.5lux.