



50 - 95 lm Emergency
















100 - 225 lm Emergency



250 - 800 lm Emergency

# DIANA FLAT

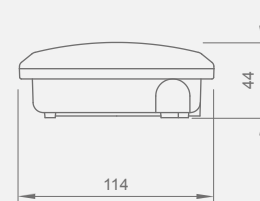
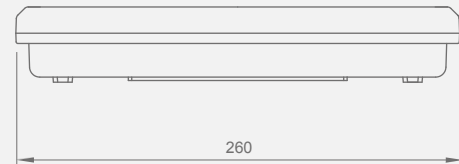
## SPECIFICATION

-  Polycarbonate body
-  Diffuser: Transparent Polycarbonate
-  IP42
-  IK07
-  95 lm - 800 lm
-  Duration: 1 - 3 - 8 h · Battery: Ni-CD / LFP
-  Charging time: 24 h (Ni-Cd) / 12 h (LFP)
-  Supply: 230 V - 50 Hz
-  LED temperature: 4000 °K
-  Working temperature: 0 °C to +40 °C
-  Standard
-  AutoTest
-  Wireless addressable monitoring



AutoTest & WSS Lithium

## DIMENSIONS (mm)



## STANDARDS COMPLIANCE

EN-60598-2-22  
 AutoTest: EN-62034  
 Wireless: ETSI EN 300 220  
 DALI: EN 62386

## CERTIFICATIONS



RANGE

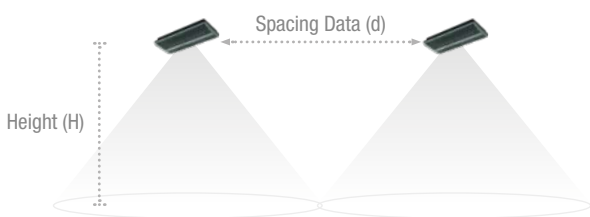
|          | Emergency | Mains  | Type* | Dur. | Battery         | Ref.         |
|----------|-----------|--------|-------|------|-----------------|--------------|
| Standard | 95 lm     |        | NM    | 1 h  | 3.6V 0.3 NiCd   | LDF3100C     |
|          | 225 lm    |        | NM    | 1 h  | 3.6V 0.8 NiCd   | LDF3200C     |
|          | 450 lm    |        | NM    | 1 h  | 3.6V 1.6 NiCd   | LDF3500C     |
|          | 600 lm    |        | NM    | 1 h  | 4.8V 1.6 NiCd   | LDF3600C     |
|          | 800 lm    |        | NM    | 1 h  | 6.0V 1.6 NiCd   | LDF3800C     |
|          | 150 lm    |        | NM    | 3 h  | 3.6V 1.6 NiCd   | LDF9150C3    |
| AutoTest | 95 lm     |        | NM    | 1 h  | 3.6V 0.3 NiCd   | LDF9100X     |
|          | 225 lm    |        | NM    | 1 h  | 3.6V 0.8 NiCd   | LDF9200X     |
|          | 420 lm    |        | NM    | 1 h  | 3.2V 1.5A/h LFP | LDF9400LX    |
|          | 420 lm    | 250 lm | M/NM  | 1 h  | 3.2V 1.5A/h LFP | LDF9400LXP   |
|          | 450 lm    |        | NM    | 1 h  | 3.6V 1.6 NiCd   | LDF9500X     |
|          | 600 lm    |        | NM    | 1 h  | 4.8V 1.6 NiCd   | LDF9600X     |
|          | 800 lm    |        | NM    | 1 h  | 6.0V 1.6 NiCd   | LDF9800X     |
|          | 800 lm    |        | NM    | 1 h  | 6.4V 1.5A/h LFP | LDF9800LX    |
|          | 800 lm    | 400 lm | M/NM  | 1 h  | 6.4V 1.5A/h LFP | LDF9800LXP   |
|          | 150 lm    |        | NM    | 3 h  | 3.6V 1.6 NiCd   | LDF9150X3    |
|          | 150 lm    |        | NM    | 3 h  | 3.2V 1.5A/h LFP | LDF9150LX3   |
|          | 150 lm    | 90 lm  | M/NM  | 3 h  | 3.2V 1.5A/h LFP | LDF9150LXP3  |
| Wireless | 420 lm    | 250 lm | M/NM  | 1 h  | 3.2V 1.5A/h LFP | LDF9400LDPW  |
|          | 800 lm    | 400 lm | M/NM  | 1 h  | 6.4V 1.5A/h LFP | LDF9800LDPW  |
|          | 150 lm    | 90 lm  | M/NM  | 3 h  | 3.2V 1.5A/h LFP | LDF9150LDP3W |
|          | 100 lm    | 60 lm  | M/NM  | 8 h  | 3.2V 3.0A/h LFP | LDF9100LDP8W |
| DALI     | 420 lm    | 250 lm | M/NM  | 1 h  | 3.2V 1.5A/h LFP | LDF9400LAP   |
|          | 800 lm    | 400 lm | M/NM  | 1 h  | 6.4V 1.5A/h LFP | LDF9800LAP   |
|          | 150 lm    | 90 lm  | M/NM  | 3 h  | 3.2V 1.5A/h LFP | LDF9150LAP3  |

\*NM: Non Maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.  
 \*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

For version in black colour, add an 'N' at the end of the reference.

SPACING TABLE

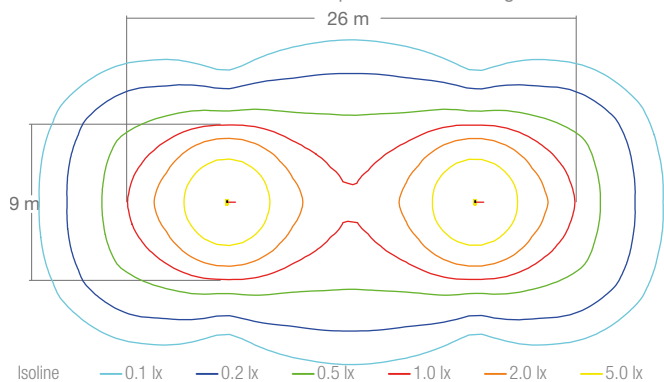
Spacing table calculated with 1 lux minimum illuminance



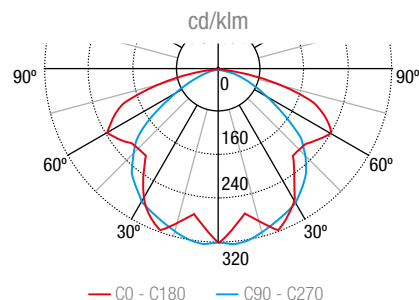
| Height (H) | Spacing Data (d) |        |        |        |        |
|------------|------------------|--------|--------|--------|--------|
|            | 95 lm            | 225 lm | 450 lm | 600 lm | 800 lm |
| 2.5 m      | 8.2 m            | 11.3 m | 14.0 m |        |        |
| 3 m        | 7.3 m            | 12.0 m | 15.0 m |        |        |
| 4 m        | 7.8 m            | 12.7 m | 16.7 m |        |        |
| 5 m        | 7.6 m            | 12.1 m | 17.7 m |        |        |
| 6 m        | 6.7 m            | 11.9 m | 17.8 m | 20.7 m | 23.0 m |
| 8 m        |                  |        |        | 19.9 m | 23.8 m |
| 10 m       |                  |        |        | 18.5 m | 22.4 m |
| 12 m       |                  |        |        | 17.9 m | 21.0 m |
| 14 m       |                  |        |        | 17.4 m | 20.6 m |

ISOLUX CURVE

450 lm luminaire placed at 3 m height



PHOTOMETRIC GUIDE



# DIANA FLAT

ZEMPER

## ACCESSORIES



CDD008  
Opal diffuser (-20% lumen output)



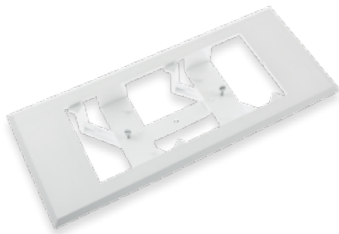
AED0071  
Accessories for wall semi-recessed mounted (white colour)



AGV120  
Protective Grille



AIF001  
Slope accessory  
47° Flat



AMU8001  
Universal frame for holes with 8W to Diana/Xena



AMD0051  
Accessories for wall recessed mounted (white colour)



AKF001  
IK10 accessory  
Diana Flat



KEYC  
Cylindrical housing IP65



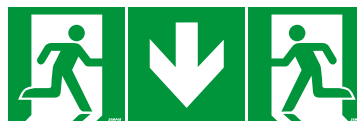
APE0065  
IP66 weatherproof kit



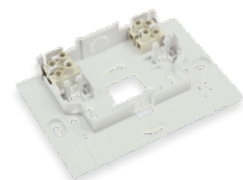
APE144  
IP44 weatherproof kit, specially indicated for parking areas



90091NMF  
Accessories for ceiling recessed mounted (white colour) + transparent panel D6 (without digital printing)



APT316  
Modular self-adhesive signalling pictogram set with 4 arrows



YPD0030  
Diana connection mounting plate

Set of pictographs (not included)



APV616

APV617

APV618

APV619