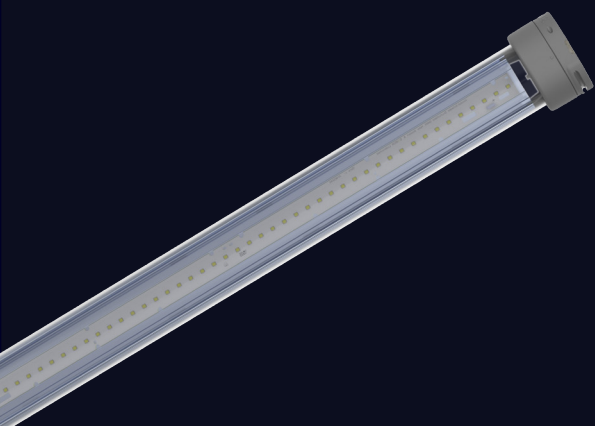


# NEXTGEN

## FIXTURES

### DECENTRAL EMERGENCY

- NEXTGEN offers more light per linear meter. Combined with completely new optics, this results in fewer fixtures required while still ensuring the perfect lighting experience and high uniformity across the fixtures. In the end, guaranteeing significant material and energy consumption savings.
- The mechanical and electrical connection between the fixtures can be accomplished in just one mounting step. This plug-and-play principle has been remarkably improved.
- The electrical connection is made by employing industrial WAGO connectors.
- The mechanical locking is accomplished by a completely new developed U-clip. Alligning and mounting the fixtures hereby has become even simpler.
- Expected LED lifespan: Up to 100.000 burning hours.



## General features

### Mechanical

Measurements	2,33 m / 3,45 m
Nominal fixture diameter	Ø 60 mm
Material (housing)	Polycarbonate (UV stabilized)
Material (connector)	Recycled PA
Material (profile)	75% Recycled aluminium
Temperature range	0 °C - +40 °C*
Resistance	IP65 & IK10

### Electrical

Input	230 Vac, 50Hz, PF >0,9
Transit signals	3 fasen / Emergency / DALI-2
Autonomy	1 hour
Battery	LTO 9,6 V, 1300 mAh, 4 cell
Charger consumption	Max. 6 Watt

### Optical

CRI	>84
Color quality	3 step
Expected lifespan	L90B10 @>50.000 burning hours
Lightoutput emergency	835 lm / 790 lm



\*Between 0 °C and +5 °C the battery has a 20% lower capacity.

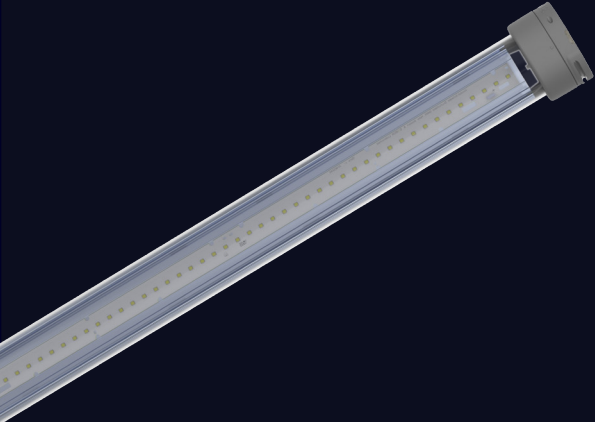
If the lightline is divided over multiple phases, you must install a phase monitor to ensure that emergency lighting switches of when 1 of the phases fails.

# NEXTGEN

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### Configurations

Color temperature

3000K 4000K  
5000K 6500K

Length

< 2,33 m >  
< 3,45 m >

Lumen output

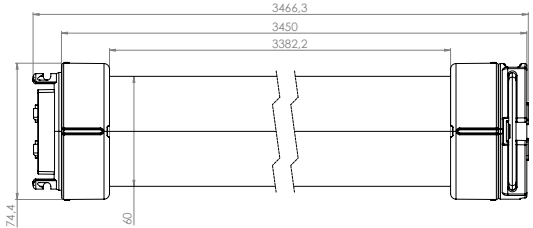
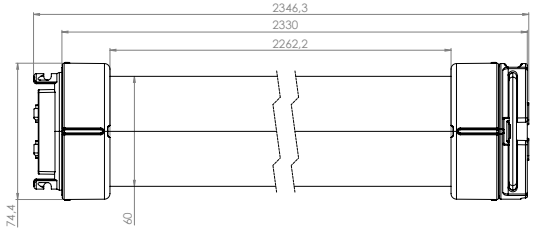
04K5 09K5  
06K0 14K0  
08K0 18K0

Lens

HR 30° NB 30° MU 60°  
MB 60° WB 90° EW 110°  
DF

Emergency

D



DC

DD

XC

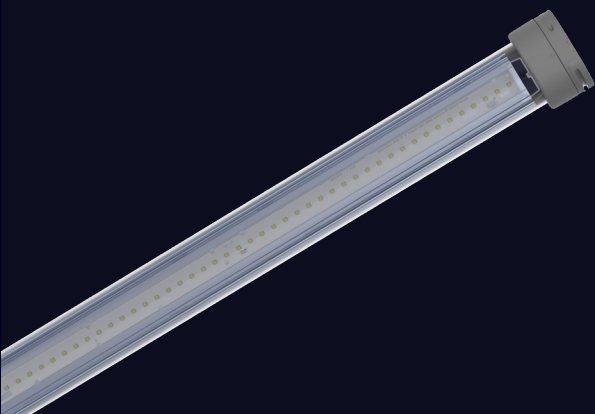
XD

# NEXTGEN

## FIXTURES

### DALI-2 & DECENTRAL EMERGENCY

- The NEXTGEN lightline system has two decentralized emergency lighting solutions:
- A variant integrated into the fixture (extension 'E').
- A easily integratable emergency lighting TRONIC.
- This variant is fully controllable via the DALI-2 protocol.



DC

DD

XC

XD

## Performances

### 3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30DD-XXXX-04K5E	4395 lm						149 lm/W
LUM-NG30DD-XXXX-06K0E	6305 lm						149 lm/W
LUM-NG30DD-XXXX-08K0E	7985 lm						154 lm/W
LUM-NG30DD-XXXX-09K5E	9895 lm						153 lm/W
LUM-NG30DD-XXXX-14K0E	14265 lm						150 lm/W
LUM-NG30DD-XXXX-18K0E	18735 lm						145 lm/W

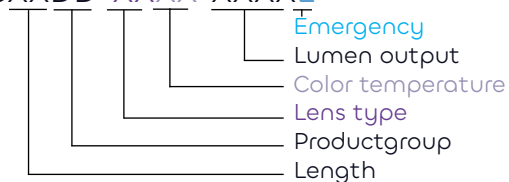
CRI >84

### 2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20DD-XXXX-04K5E	2930 lm						151 lm/W
LUM-NG20DD-XXXX-06K0E	4200 lm						152 lm/W
LUM-NG20DD-XXXX-08K0E	5325 lm						151 lm/W
LUM-NG20DD-XXXX-09K5E	6480 lm						150 lm/W
LUM-NG20DD-XXXX-14K0E	9510 lm						147 lm/W
LUM-NG20DD-XXXX-18K0E	12490 lm						143 lm/W

CRI >84

LUM-NGXXDD-XXXX-XXXXE



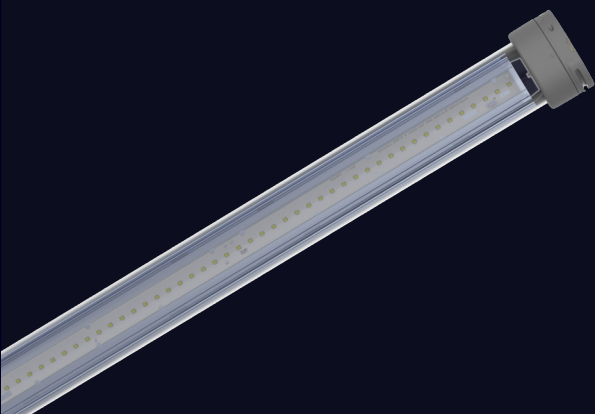
Standard cabling / Emergency fixture  
 04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0  
 3000K / 4000K / 5000K / 6500K  
 HR / NB / MU / MB / WB / EW / DF  
**DD** / XD  
 2,33 m / 3,45 m

# NEXTGEN

## FIXTURES

### DECENTRAL EMERGENCY

- The NEXTGEN lightline system has two decentralized emergency lighting solutions:
- A variant integrated into the fixture (extension 'E').
- A easily integratable emergency lighting TRONIC.
- This variant is **not** controllable via the DALI-2 protocol.



## Performances

### 3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30XD-XXXX-04K5E	4395 lm						149 lm/W
LUM-NG30XD-XXXX-06K0E	6305 lm						149 lm/W
LUM-NG30XD-XXXX-08K0E	7985 lm						154 lm/W
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LUM-NG30XD-XXXX-18K0E	18735 lm						145 lm/W

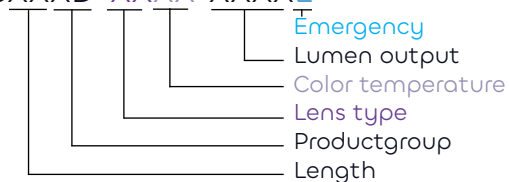
CRI >84

### 2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20XD-XXXX-04K5E	2930 lm						151 lm/W
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LUM-NG20XD-XXXX-08K0E	5325 lm						151 lm/W
LUM-NG20XD-XXXX-09K5E	6480 lm						150 lm/W
LUM-NG20XD-XXXX-14K0E	9510 lm						147 lm/W
LUM-NG20XD-XXXX-18K0E	12490 lm						143 lm/W

CRI >84

LUM-NGXXXD-XXXX-XXXXE



Standard cabling / Emergency fixture  
 04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0  
 3000K / 4000K / 5000K / 6500K  
 HR / NB / MU / MB / WB / EW / DF  
 DD / **XD**  
 2,33 m / 3,45 m

DC

DD

XC

**XD**

# NEXTGEN

## FIXTURES BATTERY PACK

- The integrated battery in the NEXTGEN decentral emergency fixture.



DC

DD

XC

XD

### Vervangingsbatterij voor NG

artikel nr.: LUM-NG00-0-DCEM-BAT4

Battery type	LTO (Lithium Titanaal Oxide)
Number of cells	4
Voltage	9,6 V
Capacity	1300 mAh