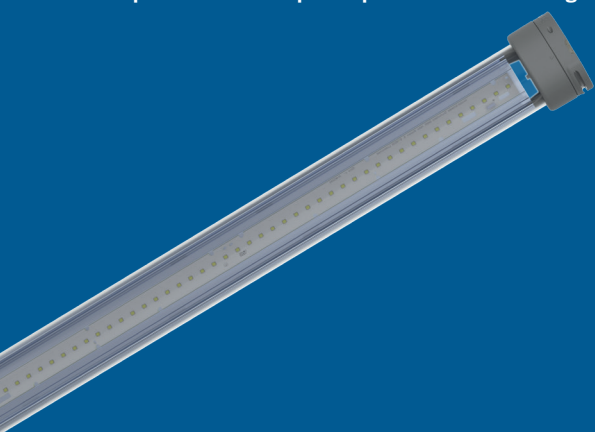


NEXTGEN

FIXTURES

- 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.
- NEXTGEN fixtures are powered using an internal power supply.
- 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. Aligning and mounting the fixtures hereby has become even simpler.
- Expected LED lifespan: Up to 100.000 burning hours.



DC

DD

XC

XD

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	-25 °C - +40 °C
Resistance*	IP65 & IK10

Electrical

Input	230 Vac, 50Hz, PF >0,9
Transit signals	3 Phase / Emergency / DALI-2

Optical

CRI	>84
Color quality	3 step
Expected lifespan	L90B10 @>50.000 burning hours



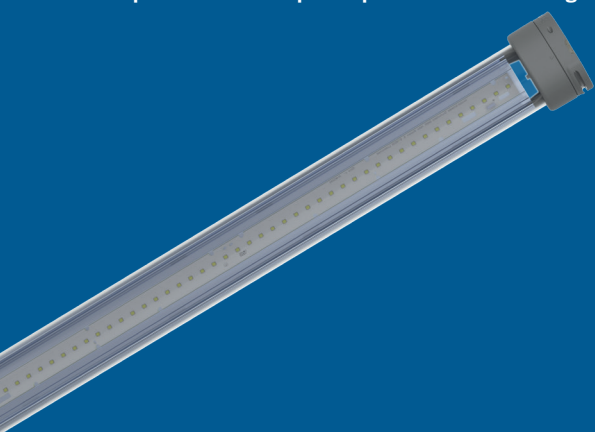
* Tested according to IEC 60598-1

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.

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DC

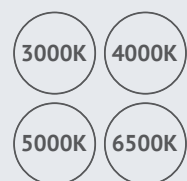
DD

XC

XD

Configurations

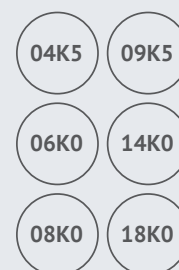
Color temperature



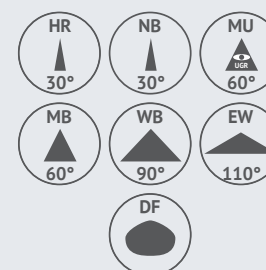
Length



Lumen output



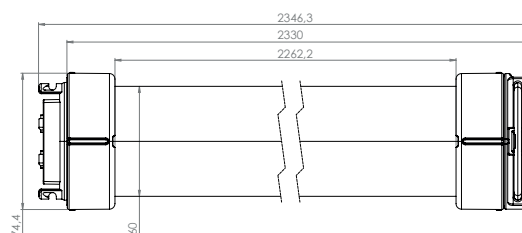
Lens



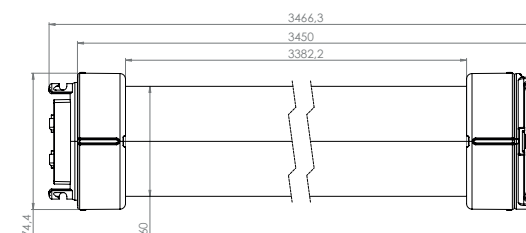
Emergency



2,33 meters



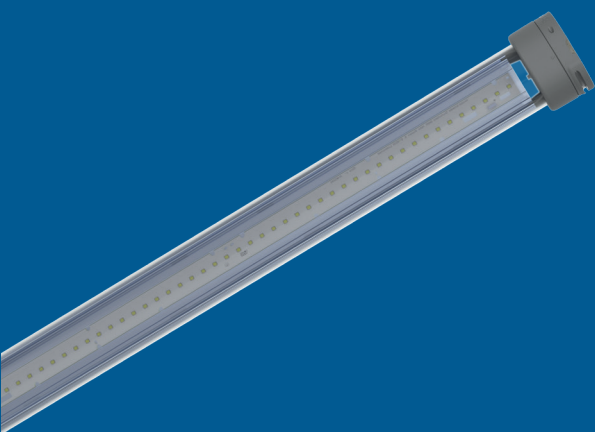
3,45 meters



NEXTGEN

FIXTURES DALI-2 & CENTRAL EMERGENCY

- These fixtures are perfectly combinable with the most conventional emergency lighting solutions and by using the advanced DALI-2 control system. Luminaid can install the fully certified emergency lighting solutions in the fixtures and accordingly deliver them ex-factory.
- NEXTGEN fixtures are powered using an internal power supply.



DC

DD

XC

XD

Performances

3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30DC-XXXX-04K5(E)*	4395 lm						149 lm/W
LUM-NG30DC-XXXX-06K0(E)*	6305 lm						149 lm/W
LUM-NG30DC-XXXX-08K0(E)*	7985 lm						154 lm/W
LUM-NG30DC-XXXX-09K5(E)*	9895 lm						153 lm/W
LUM-NG30DC-XXXX-14K0(E)*	14265 lm						150 lm/W
LUM-NG30DC-XXXX-18K0(E)*	18735 lm						145 lm/W

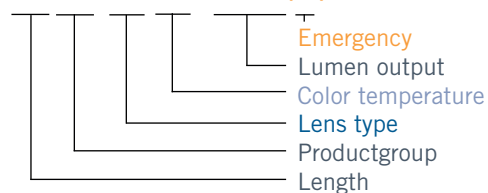
CRI >84

2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20DC-XXXX-04K5(E)*	2930 lm						151 lm/W
LUM-NG20DC-XXXX-06K0(E)*	4200 lm						152 lm/W
LUM-NG20DC-XXXX-08K0(E)*	5325 lm						151 lm/W
LUM-NG20DC-XXXX-09K5(E)*	6480 lm						150 lm/W
LUM-NG20DC-XXXX-14K0(E)*	9510 lm						147 lm/W
LUM-NG20DC-XXXX-18K0(E)*	12490 lm						143 lm/W

CRI >84

LUM-NGXXDC-XXXX-XXXX(E)*

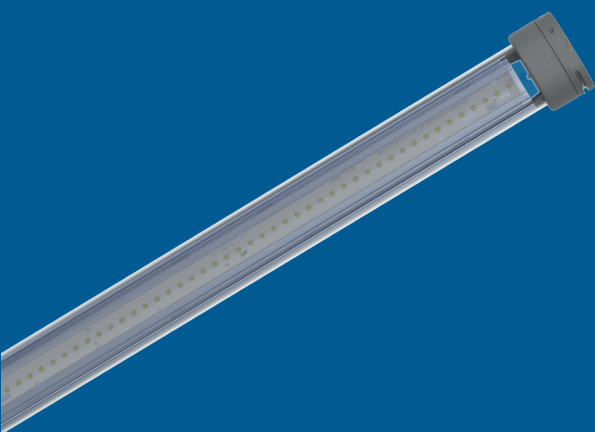


Standard cabling / Emergency fixture
04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
3000K / 4000K / 5000K / 6500K
HR / NB / MU / MB / WB / EW / DF
DC / DD / XC / XD
2,33 m / 3,45 m

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.
- NEXTGEN fixtures are powered using an internal power supply.



DC

DD

XC

XD

Performances

3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30DD-XXXX-04K5(E)*	4395 lm						149 lm/W
LUM-NG30DD-XXXX-06K0(E)*	6305 lm						149 lm/W
LUM-NG30DD-XXXX-08K0(E)*	7985 lm						154 lm/W
LUM-NG30DD-XXXX-09K5(E)*	9895 lm						153 lm/W
LUM-NG30DD-XXXX-14K0(E)*				14265 lm			150 lm/W
LUM-NG30DD-XXXX-18K0(E)*						18735 lm	145 lm/W

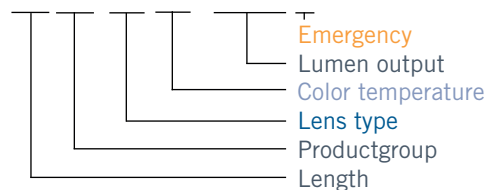
CRI >84

2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20DD-XXXX-04K5(E)*	2930 lm						151 lm/W
LUM-NG20DD-XXXX-06K0(E)*	4200 lm						152 lm/W
LUM-NG20DD-XXXX-08K0(E)*	5325 lm						151 lm/W
LUM-NG20DD-XXXX-09K5(E)*	6480 lm						150 lm/W
LUM-NG20DD-XXXX-14K0(E)*				9510 lm			147 lm/W
LUM-NG20DD-XXXX-18K0(E)*						12490 lm	143 lm/W

CRI >84

LUM-NGXXDD-XXXX-XXXX(E)*

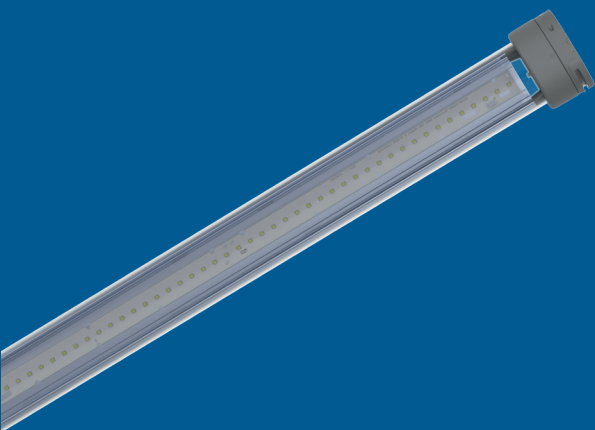


Standard cabling / Emergency fixture
04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
3000K / 4000K / 5000K / 6500K
HR / NB / MU / MB / WB / EW / DF
DC / **DD** / XC / XD
2,33 m / 3,45 m

NEXTGEN

FIXTURES CENTRAL EMERGENCY

- These fixtures are perfectly combinable with the most conventional emergency lighting solutions but without the advanced DALI-2 control system.
- Luminaid can install the fully certified emergency lighting solutions in the fixtures and accordingly deliver them ex-factory.
- NEXTGEN fixtures are powered using an internal power supply.



Performances

3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30XC-XXXX-04K5(E)*	4395 lm						149 lm/W
LUM-NG30XC-XXXX-06K0(E)*	6305 lm						149 lm/W
LUM-NG30XC-XXXX-08K0(E)*	7985 lm						154 lm/W
LUM-NG30XC-XXXX-09K5(E)*	9895 lm						153 lm/W
LUM-NG30XC-XXXX-14K0(E)*				14265 lm			150 lm/W
LUM-NG30XC-XXXX-18K0(E)*					18735 lm		145 lm/W

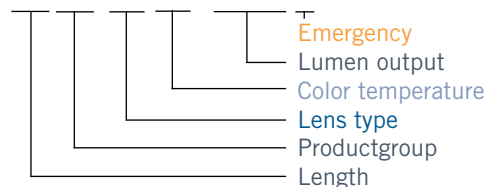
CRI >84

2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20XC-XXXX-04K5(E)*	2930 lm						151 lm/W
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LUM-NG20XC-XXXX-09K5(E)*	6480 lm						150 lm/W
LUM-NG20XC-XXXX-14K0(E)*				9510 lm			147 lm/W
LUM-NG20XC-XXXX-18K0(E)*					12490 lm		143 lm/W

CRI >84

LUM-NGXXXC-XXXX-XXXX(E)*



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

DC

DD

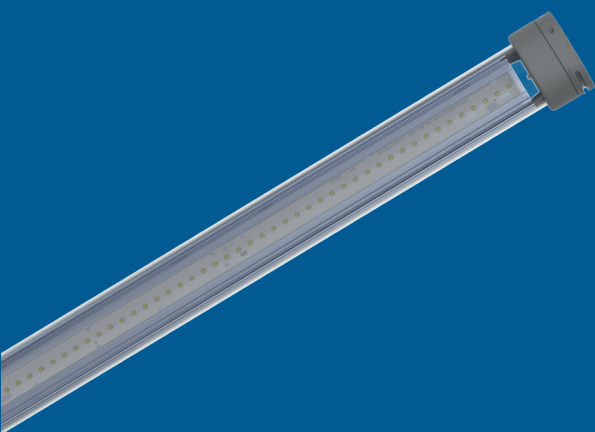
XC

XD

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.
- NEXTGEN fixtures are powered using an internal power supply.



Performances

3,45 M

	29,4	42,3	51,7	64,5	95,3	129,1	Watt
LUM-NG30XD-XXXX-04K5(E)*	4395 lm						149 lm/W
LUM-NG30XD-XXXX-06K0(E)*	6305 lm						149 lm/W
LUM-NG30XD-XXXX-08K0(E)*	7985 lm						154 lm/W
LUM-NG30XD-XXXX-09K5(E)*	9895 lm						153 lm/W
LUM-NG30XD-XXXX-14K0(E)*				14265 lm			150 lm/W
LUM-NG30XD-XXXX-18K0(E)*					18735 lm		145 lm/W

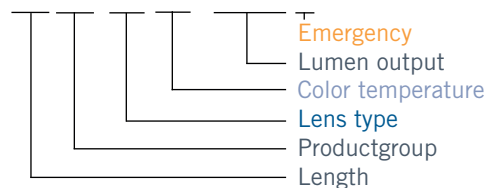
CRI >84

2,33 M

	19,4	27,7	35,3	43,1	64,5	87,1	Watt
LUM-NG20XD-XXXX-04K5(E)*	2930 lm						151 lm/W
LUM-NG20XD-XXXX-06K0(E)*	4200 lm						152 lm/W
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LUM-NG20XD-XXXX-09K5(E)*	6480 lm						150 lm/W
LUM-NG20XD-XXXX-14K0(E)*				9510 lm			147 lm/W
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CRI >84

LUM-NGXXXD-XXXX-XXXX(E)*



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

DC

DD

XC

XD