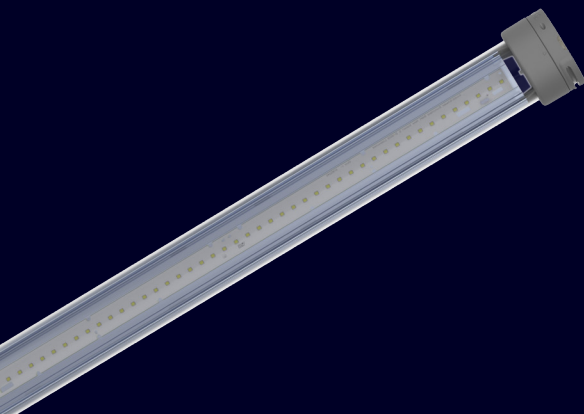# DATALUX.NEXTGEN

FIXTURES: NEXTGEN

- 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 so-called 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.

Features

Mechanical

Material housing	Polycarbonate (UV stabilized)
Material connects	Recycled nylon
Material profile	75% Recycled aluminium
Nominal diameter fixture	60 mm
Dimensions	3,45 m / 2,33 m
Temperature range	-25 °C – +40 °C
Water, dust and impact resistance	IP65 / IK10

Electrical

Input voltage	230 Vac, 50 Hz, PF >0,98
Connections	3 phases / Emergency / DALI-2

Optical

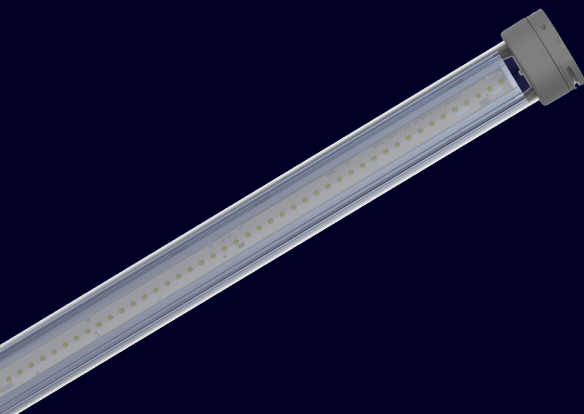|	
CRI	>84
Color quality	3 step

IP65 · IK10 · HACCP · ⚽ · 🔆 · ❄️ · DALI
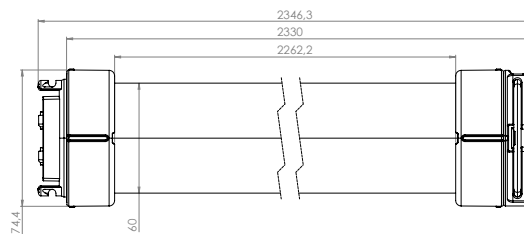
DATALUX.NEXTGEN

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NEXTGEN armaturen

Color temperature	Length	Lumen output		Lens		Emergency
4000K	< 2,33 m >	04K5	09K5	NB 30°	WB 90°	C
5000K	< 3,45 m >	06K0	14K0	MU UGR 60°	EW 110°	D
		08K0	18K0	MB 60°	DF	

2,33 meters

2346,3
2330
2262,2
74,4
60

3,45 meters

3466,3
3450
3382,2
74,4
60
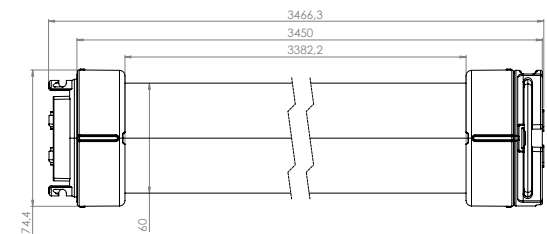
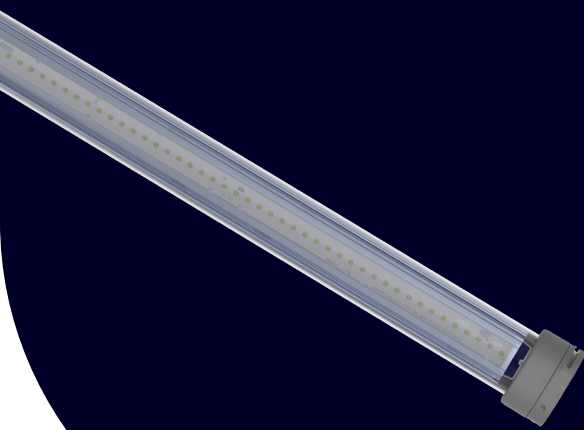# DATALUX.NEXTGEN

FIXTURES: NEXTGEN DC
DALI-2
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.

Performance

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)*

|		
Emergency lighting	Standard wired / Emergency fixture
Lumen output	04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
Color temperature	4000K / 5000K
Lens type	NB / MB / MU / WB / EW / DF
Product group	**DC** / DD / XC / XD
Length	2,33 m / 3,45 m

DATALUX.NEXTGEN

FIXTURES: NEXTGEN DD
DALI-2
Decentral Emergency

- DATALUX.NEXTGEN also has two variants regarding integrated decentralized emergency lighting solutions which include;
- A variant integrated into the fixture (Extension .E).
- A variant in the form of easily integratable separate emergency lighting fixtures which is not controllable via the DALI-2 protocol.

luminaid
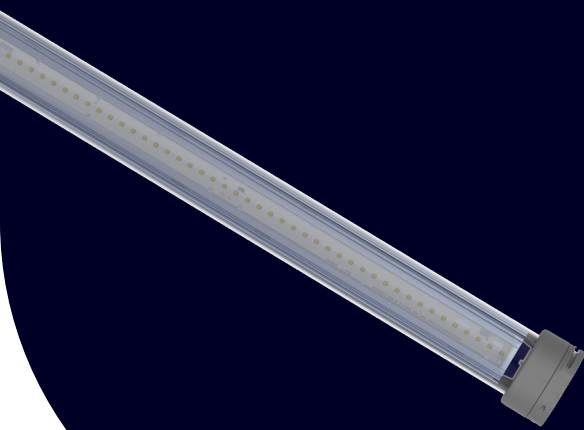
Performance

3,45 M

	Watt	Efficacy
	29,4 42,3 51,7 64,5 95,3 129,1	
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

	Watt	Efficacy
	19,4 27,7 35,3 43,1 64,5 87,1	
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)*

|		
Emergency lighting	Standard wired / Emergency fixture
Lumen output	04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
Color temperature	4000K / 5000K
Lens type	NB / MB / MU / WB / EW / DF
Product group	DC / **DD** / XC / XD
Length	2,33 m / 3,45 m

DATALUX.NEXTGEN

FIXTURES: NEXTGEN XC
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.
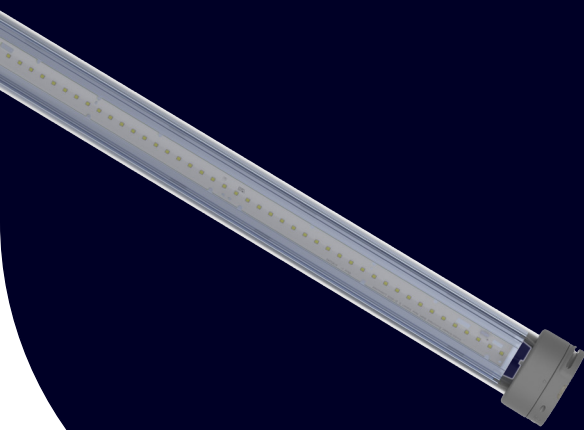
Performance

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
LUM-NG20XC-XXXX-06K0(E)*	4200 lm						152 lm/W
LUM-NG20XC-XXXX-08K0(E)*	5325 lm						151 lm/W
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)*

Emergency lighting	Standard wired / Emergency fixture
Lumen output	04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
Color temperature	4000K / 5000K
Lens type	NB / MB / MU / WB / EW / DF
Product group	DC / DD / **XC** / XD
Length	2,33 m / 3,45 m

DATALUX.NEXTGEN

FIXTURES: NEXTGEN XD
Decentral emergency

- DATALUX.NEXTGEN also has two variants regarding integrated decentralized emergency lighting solutions which include;
- A variant integrated into the fixture (Extension .E).
- A variant in the form of easily integratable separate emergency lighting fixtures which is fully controllable via the DALI-2 protocol.
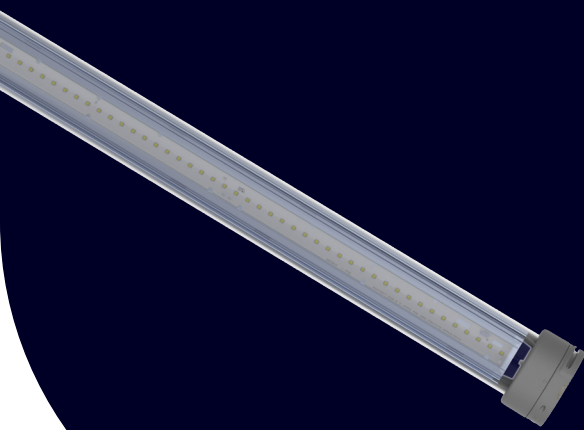
Performance

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
LUM-NG20XD-XXXX-08K0(E)*	5325 lm							151 lm/W
LUM-NG20XD-XXXX-09K5(E)*	6480 lm							150 lm/W
LUM-NG20XD-XXXX-14K0(E)*	9510 lm							147 lm/W
LUM-NG20XD-XXXX-18K0(E)*	12490 lm							143 lm/W

CRI >84

LUM-NGXXXD-XXXX-XXXX(E)*

Emergency lighting	Standard wired / Emergency fixture
Lumen output	04K5 / 06K0 / 08K0 / 09K5 / 14K0 / 18K0
Color temperature	4000K / 5000K
Lens type	NB / MB / MU / WB / EW / DF
Product group	DC / DD / XC / **XD**
Length	2,33 m / 3,45 m