



Technology
with Vision



Single-module functional light
with connection box or
5.00 m / 10.00 m connection cable

Eco IndustryLine

Single-module functional light

Ceiling surfaced-mounted luminaire made of robust aluminium housing (painted RAL 9006) based on a modular LED solution with fully integrated electronics for various applications. LED-Module with different optics for various light distribution requirements available. The power consumption can be reduced by 50 % with a phase-shedding. Sustainable concept with technology guarantee. Modules can be replaced with future module versions to ensure state of the art technology.

ELECTRICAL	
Lamp type	LED-module with 8 LEDs each
Electronic ballast	integrated into the module
Triggerung	2-level operation via two supply cables (100% / 50% reduction)
Input voltage	220–240 V / 50 Hz
Protection class	SK II
System power	13 W (module 800) 15 W (module 1,250) 21 W (module 1,700)
Efficiency factor	≥ 0.95
Overload resistance	6 kV
Peak withstand current	2.5 kA
Connection	Connection box or connection cables
LIGHT TECHNOLOGIES	
System luminous flux	800 lm (module 800) 1,250 lm (module 1,250) 1,700 lm (module 1,700)
Luminous flux over lifetime	80% after 50,000 operating hours
Colour temperature	optionally 5,000 K (cold white) or 4,000 K (neutral white)
Colour rendering index	CRI typ. 73 (4,000 K) CRI typ. 65 (5,000 K)
Optics	LED-lenses made of PMMA, partially frosted cover lens made of PMMA (PC possible)
Operating temperature	-40°C to +55°C

ADDITIONAL DATA	
Dimensions (L x W x H)	515 x 103 x 105 mm
Weight	2.7 kg (incl. LED-module and connection box) 3.0 kg (incl. LED-module and 5.00 m installed cable) 3.3 kg (incl. LED-module and 10.00 m installed cable)
Materials	Housing made of aluminium die casting, painted (RAL 9006), connection box made of PC
IP Certification (Luminaire)	IP 65
Mounting	Direct screw coupling for ceiling mounting
Connection room	Supply line 2 x (5-pin 1 mm ² to 2,5 mm ² , rigid cable possible), cable gland M16 for Ø 6 mm – 12 mm
Impact resistance	IK 04 (higher IK-classes as an option)

PART NUMBERS*	
8NF 011 449-007/-008	Housing with connection box
8NF 011 449-017/-018	Housing with 5.00 m connection cable
8NF 011 449-027/-028	Housing with 10.00 m connection cable

* LED-module is not included.
All performance parameters refer to an ambient temperature of 25°C.

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MODUL 1700 lm
21 WATT INNOVATION
CONTINUED



Double-module functional light
with connection box or
5.00 m / 10.00 m connection cable

Eco IndustryLine Double-module functional light

Ceiling surfaced-mounted luminaire made of robust aluminium housing (painted RAL 9006) based on a modular LED solution with fully integrated electronics for various applications. LED-Module with different optics for various light distribution requirements available. The power consumption can be reduced by 50 % with a phase-shedding. Sustainable concept with technology guarantee. Modules can be replaced with future module versions to ensure state of the art technology.

ELECTRICAL	
Lamp type	2 LED-modules with 8 LEDs each
Electronic ballast	integrated into the module
Triggerung	2-level operation via two supply cables (100 % / 50 % reduction)
Input voltage	220 – 240 V / 50 Hz
Protection class	SK II
System power	2 x 13 W = 26 W (module 800) 2 x 15 W = 30 W (module 1,250) 2 x 21 W = 42 W (module 1,700)
Efficiency factor	≥ 0.95
Overload resistance	6 kV
Peak withstand current	2.5 kA
Connection	Connection box or connection cables
LICHTTECHNIK	
System luminous flux	1,600 lm (2 x module 800) 2,500 lm (2 x module 1,250) 3,400 lm (2 x module 1,700)
Luminous flux over lifetime	80 % after 50,000 operating hours
Colour temperature	optionally 5,000 K (cold white) or 4,000 K (neutral white)
Colour rendering index	CRI typ. 73 (4,000 K) CRI typ. 65 (5,000 K)
Optics	LED-lenses made of PMMA, partially frosted cover lens made of PMMA (PC possible)
Operating temperature	-40°C to +55°C

ADDITIONAL DATA	
Dimensions (L x W x H)	980 x 103 x 105 mm
Weight	5.2 kg (incl. LED-module and connection box) 5.5 kg (incl. LED-module and 5.00 m cable) 5.7 kg (incl. LED-module and 10.00 m cable)
Materials	Housing made of aluminium die casting, painted (RAL 9006), connection box and endcaps made of PC
IP Certification (Luminaire)	IP 65
Mounting	Direct screw coupling for ceiling surfaced mounting
Connection room	Supply line 2 x (5-pin 1 mm ² to 2,5 mm ² , rigid cable possible), cable gland M16 for Ø 6 mm – 12 mm
PART NUMBERS*	
8NF 011 600-007/-008	Housing with connection box
8NF 011 600-017/-018	Housing with 5.00 m connection cable
8NF 011 600-027/-028	Housing with 10.00 m connection cable

* LED-module is not included.
All performance parameters refer to an ambient temperature of 25°C.

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MODUL 1700 lm
21 WATT INNOVATION
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Quadruple-module functional light
Surface mounted light
with 5.00 m or 10.00 m
connection cable

Eco IndustryLine

Quadruple-module functional light

Surface mountes light

LED ceiling surfaced-mounted with rotation-symmetrical light distribution. Guarantees a wide and extremely homogenous light distribution on large surfaces. The power consumption can be reduced by 50 % with a phase-shedding. Sustainable concept with technology guarantee. Modules can be replaced with future versions to ensure state of the art technology.

ELECTRICAL	
Lamp type	4 LED-modules with 8 LEDs each
Electronic ballast	integrated into each module
Triggerung	2-level operation via two supply cables (100 % / 50 % reduction)
Input voltage	220 – 240 V / 50 Hz
Protection class	SK II
System power	4 x 13 W = 52 W (4 x module 800) 4 x 15 W = 60 W (4 x module 1,250) 4 x 21 W = 84 W (4 x module 1,700)
Efficiency factor	≥ 0.95
Overload resistance	6 kV
Peak withstand current	2,5 kA
Connection	5.00 m or 10.00 m connection cable
LIGHT TECHNOLOGIES	
System luminous flux	3,200 lm (4 x module 800) 5,000 lm (4 x module 1,250) 6,800 lm (4 x module 1,700)
Luminous flux over lifetime	80 % after 50,000 operating hours
Colour temperature	optionally 5,000 K (cold white) or 4,000 K (neutral white)
Colour rendering index	CRI typ. 73 (4,000 K) CRI typ. 65 (5,000 K)
Optics	LED-lenses made of PMMA, partially frosted cover lens made of PMMA (PC possible)
Operating temperature	-40°C to +55°C

ADDITIONAL DATA	
Dimensions (L x W x H)	520 x 424 x 100 mm
Weight	7.8 kg (incl. LED-module and 5.00 m cable) 8.3 kg (incl. LED-module and 10.00 m cable)
Materials	Housing made of PC (grey), Fixing plate made of steel (corrosion-resistant)
IP Certification (Luminaire)	IP 65
Mounting	Direct screw coupling for ceiling surfacedmounting, cable outlet on both sides possible, screw coupling Torx 30
Impact resistance	IK 04 (higher IK-classes available)
PART NUMBERS*	
8NS 011 376-007	Housing with 5.00 m cable
8NS 011 376-017	Housing with 10.00 m cable

* LED-module is not included.
All performance parameters refer to an ambient temperature of 25°C.

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MODUL 1700 lm
21 WATT INNOVATION
CONTINUED



Housing with 5.00 m cable

Eco IndustryLine

Quadruple-module functional light Recessed light

The recessed ceiling LED-luminaire guarantees a wide and extremely homogenous light distribution on large surfaces. A high-quality corrosion-protected housing made of steel includes four modules. Power consumption can be reduced by 50 % with a phase-shedding. A sustainable concept with technology guarantee – modules can be replaced with future versions to ensure state of art technology.

ELECTRICAL	
Lamp type	4 LED-modules with 8 LEDs each
Electronic ballast	integrated into each module
Triggerung	2-level operation via two supply cables (100% / 50% reduction)
Input voltage	220 – 240 V / 50 Hz
Protection class	SK II
System power	4 x 13 W = 52 W (4 x module 800) 4 x 15 W = 60 W (4 x module 1,250) 4 x 21 W = 84 W (4 x module 1,700)
Power factor	≥ 0.95
Surge withstand capability	6 kV
Current capacity	2.5 kA
Connection	Connection cable or connection box
ADDITIONAL DATA	
Dimensions (L x W x H)	Sheet metal housing: 467 x 467 x 88 mm Cover plate: 571 x 571 mm
Weight	10.2 kg (incl. LED-modules and connection box) 10.4 kg (incl. LED-modules and 5.00 m connection cable)
Materials	Cover plate painted in RAL 9010 (pure white), Housing of recessed luminaire made of steel (corrosion-resistant)
IP Certification (Luminaire)	IP 65
Mounting	Direct screw coupling for recessed surfaced-mounting, screw coupling Torx 30 (4 x)
Impact resistance	IK 04 (higher IK-classes available)

LIGHT TECHNOLOGIES	
System luminous flux	3,200 lm (4 x Modul 800) 5,000 lm (4 x Modul 1,250) 6,800 lm (4 x Modul 1,700)
Luminous flux over lifetime	80% after 50,000 operating hours
Colour temperature	optionally 5,000 K (cold white) or 4,000 K (neutral white)
Colour rendering index	CRI typ. 73 (4,000 K) CRI typ. 65 (5,000 K)
Optics	LED-lenses made of PMMA, partially frosted cover lens made of PMMA (PC possible)
Operating temperature	-40°C to + 55°C
PART NUMBERS	
8NF 011 758-007*	Housing with connection box
8NF 011 758-017*	Housing with 5.00 m cable

* LED-modules are not in scope of delivery.
All performance parameters refer to an ambient temperature of 25°C.

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