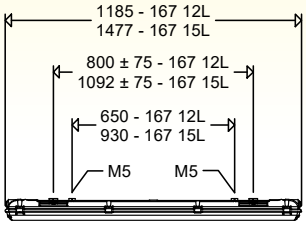


LUXANO 2

Dustproof/Waterproof LED Light Fitting with Diffuser

Series 167 ... G2 / 167... G2 VARIO

Applications:
In humid, wet and dusty indoor areas of industrial and agricultural premises, for workshops and car parks etc.
(For damp and cold ambient conditions with low duty cycles and in the case of aggressive atmosphere, please contact us)
Applications:
Housing: Glass fibre reinforced polyester resin, foamed polyurethane gasket.
Diffuser: PMMA, frosted for glare limitation.
Closures: stainless steel, in order to ensure the protection against contact.
The light fitting can be opened with a tool only.
Reflector: Painted, removable, completed with electronic components.
Electrical connection: 3-pole terminal block.
Cable entries: 2 blanking plugs M20. Cable entries open at the front. Variable cable entry pre-pressed on the long side and top side.
Mounting system: 2 retaining clips made of stainless steel, 2 bracket for chain suspension (part of the delivery)





VARIO versions with variable setting of the luminous flux

Applications:
Factories in which, for reasons of maximum standardization and economic storage, only one type of damp-proof luminaire is to be used, which can be used for a wide variety of lighting tasks due to its variably adjustable luminous flux.

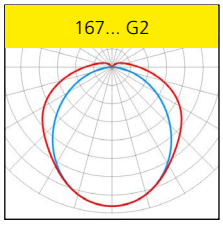
Design:
With integrated DIP switch for setting the luminous flux without tools. The luminaire luminous flux can be set to four values. Depending on the set luminous flux, the power consumption of the light fitting and the maximum permissible ambient temperature change.



Technical data:

LED: Linear modules 4,000 K, CRI > 80, service life L_{80} > 100,000 h at 25 °C ambient temperature, service life L_{70} > 100,000 h at max. ambient temperature

Type HE CS / HE VARIO / L100 / LW / ER DIMD / T40/50
LED: Linear modules 4,000 K, CRI > 80, service life L_{90} > 50,000 h and L_{80} > 100,000 h at max. ambient temperature
ECG: 220-240 V, 50/60 Hz
Ambient temperature: -20 °C up to see article table



Options:
– 2,200 K, 2,700 K, 3,000 K, 5,000 K, 6,500 K; light colours (**822, 827, 830, 850, 865**)
– 1,800 K; light colour (**518**), amber for insect-conscious lighting in outdoor areas etc.
– coloured LEDs, for signal applications
– through-wiring (**DV**)
– cable looping at 1 small side
– rear cable entry
– protection class II (**SKII**)

Product highlights of the VARIO version:

- **universally usable due to variable setting of the luminous flux**, depending on the requirement
- **simple and quick adjustment on-site without tools**
- **can be changed at any time** (e.g. change of use of the premises with new requirements in regard to the level of illumination)
- **maximum standardisation and most economical warehousing**

General product highlights:

- quality luminaire with high-end components from renowned manufacturers
- stainless steel locking fasteners
- **safety locks** to ensure protection against accidental contact
- **FastFix quick mounting system**, with retaining clips made of stainless steel for variable mounting distances, without opening the fitting
- **variable cable entries**, closed knock-outs on the short and long sides, and on the backside
- **homogeneous illumination by using frosted diffusers,** no individual light spots visible, comfortable perception of light and excellent glare limitation
- high flexibility thanks to a wide range of modifications
- control gear and LED-module replaceable by qualified personnel on-site

! Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

Notes:

In case of horizontal installation, the light fitting must be fixed directly with screws (washer and pressure disk are included) or it must be mounted with reinforced retaining clips (see accessories)!

167... G2 VARIO

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material
16700 0020	**167 12LG2 VARIO**	1	18	2.700	150	35	> 1 x 36W	1,7
			21	3.100	148	35	< 1 x 58W	
			26	3.800	146	35	> 1 x 58W	
			30	4.300[1)]	143	35	2 x 36W	
16700 0021	**167 15LG2 VARIO**	1	25	3.800	152	35	> 1 x 58W	1,9
			29	4.400	152	35	2 x 36W	
			36	5.400	150	35	< 2 x 58W	
			43	6.200[1)]	144	35	2 x 58W	
NEW 16700 0022	**167 15L100 G2 VARIO**	1	18	3.030	168	50	< 1x 58W	2,0
			31	5.450	176	40	< 2x 58W	
			40	6.940[1)]	174	40	> 2x 58W	
			53	8.780	166	35	< 3x 58W	
			62	10.110	163	35	3x 58W	
			70	11.210	160	35	< 4x 58W	

BestSelect – a selection of tried-and-tested SCHUCH luminaires for your everyday needs. More at: www.schuch.de/BestSelect

167... G2 HE VARIO

highly efficient design for reduced energy consumption

The luminaire luminous flux can be set to four values. Depending on the set luminous flux, the power consumption of the light fitting and the maximum permissible ambient temperature change.

16704 0001	**167 12LG2 HE VARIO**	1	19	3.250[1)]	171	40	1 x 58W	1,7
			24	4.000	167	40	>1 x 58W	
			29	4.770	164	40	2 x 36W	
			34	5.540	163	35	>2 x 36W	
16704 0002	**167 15LG2 HE VARIO**	1	24	4.070	170	40	>1 x 58W	2,0
			30	5.000	167	40	2 x 36W	
			36	5.960[1)]	166	40	2 x 58W	
			43	6.930	161	35	>2 x 58W	

Notes:

The light fitting is **not suitable** for use in extremely exposed locations with high mechanical stress (wind load) or infrequent or occasional use (e.g. maintenance or inspection lighting).

For use in extremely exposed locations with high mechanical loads (wind load), we recommend our **series 144 ... AUS** or **107 ... G2 (PRIMO XR)**.

For infrequent or occasional use, we recommend our **series 107 ... G2 (PRIMO XR)**.

When mounting the light fittings on bracket poles or tubular beams/pipes always use original SCHUCH pipe clamps with support (see accessories).

167... G2 VARIO AUS

for application in unprotected outdoor areas

Applications:
In protected and unprotected outdoor areas, mounted to walls, ceilings, catwalks, under canopies, bus stops, train stations, subways, construction sites, etc.

Design:
As type 167... G2, but:
Diffuser: UV proof
Gasket: silicone
Pressure compensation element: M20
Entries: 1 gland M20 at one small side, pressure compensation element M20 at the other small side.
Mounting system: 2 reinforced retaining clips (also suitable for horizontal wall mounting) made of stainless steel (part of the delivery)

16701 0030	**167 12LG2 VARIO AUS**	1	18	2.700	150	35	> 1 x 36W	1,7
			21	3.100	148	35	< 1 x 58W	
			26	3.800	146	35	> 1 x 58W	
			30	4.3001)	143	35	2 x 36W	
16701 0031	**167 15LG2 VARIO AUS**	1	25	3.800	152	35	> 1 x 58W	1,9
			29	4.400	152	35	2 x 36W	
			36	5.400	150	35	< 2 x 58W	
			43	6.200[1)]	144	35	2 x 58W	
NEW 16701 0032	**167 15L100G2 VARIO AUS**	1	18	3.030	168	50	< 1x 58W	2,0
			31	5.450	176	40	< 2x 58W	
			40	6.940[1)]	174	40	> 2x 58W	
			53	8.780	166	35	< 3x 58W	
			62	10.110	163	35	3x 58W	
			70	11.210	160	35	< 4x 58W	

1) Factory setting

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material

167... G2 VARIO IFS

Notes:
The light fittings in Version IFS are not suitable for cleaning with cleaning agents or disinfectants as well as the cleaning with water-jet units.

for application in food industry areas

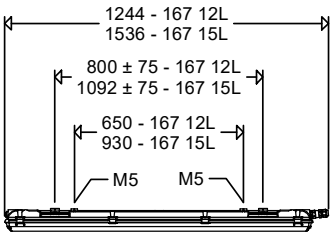
Applications:
Food industry or food processing factories, suppliers to the food industry who are falling in the International Featured Standard Food, BRC, HACCP or who are subject to comparably strict requirements.

Design:
Same as type 167... G2 but:
Diffuser: cover Polycarbonate, frosted.

16719 0020	**167 12LG2 VARIO IFS**	1	18	2.700	150	35	> 1 x 36W	1,7
			21	3.100	148	35	< 1 x 58W	
			26	3.800	146	35	> 1 x 58W	
			30	4.300[1)]	143	35	2 x 36W	
16719 0021	**167 15LG2 VARIO IFS**	1	25	3.800	152	35	> 1 x 58W	1,9
			29	4.400	152	35	2 x 36W	
			36	5.400	150	35	< 2 x 58W	
			43	6.200[1)]	144	35	2 x 58W	
NEW 16719 0022	**167 15L100G2 VARIO IFS**	1	18	3.030	168	50	< 1x 58W	2,0
			31	5.450	176	40	< 2x 58W	
			40	6.940[1)]	174	40	> 2x 58W	
			53	8.780	166	35	< 3x 58W	
			62	10.110	163	35	3x 58W	
			70	11.210	160	35	< 4x 58W	

Why use PC covers for IFS luminaires?
– splinter-free (in contrast to PMMA)
– risk minimisation, no risk of food contamination (see IFS Standard Food Issue 8, chapter 4.12 risk minimisation)
– extension of the inspection intervals in the risk zones of production







NEW 167... G2 VARIO FC

with quick mounting system

Design: Same as standard but, **with pre-assembled quick mounting system (FastFix) and quick connection plug (FastConnect)**, for 3-pole connecting cable up to 2.5 mm² (Ø 8.3 – 11.5 mm)

Advantages of the FastConnect version:
- quick connection plug with pre-assembled strain relief
- installation and electrical connection without opening the light fitting
- Time saving during luminaire installation ≥ 50 %

16700 0060	**167 12LG2 VARIO FC**	1	18	2.700	150	35	> 1 x 36W	1,7
			21	3.100	148	35	< 1 x 58W	
			26	3.800	146	35	> 1 x 58W	
			30	4.300[1)]	143	35	2 x 36W	
16700 0061	**167 15LG2 VARIO FC**	1	25	3.800	152	35	> 1 x 58W	1,9
			29	4.400	152	35	2 x 36W	
			36	5.400	150	35	< 2 x 58W	
			43	6.200[1)]	144	35	2 x 58W	

1) Factory setting

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

Note:
The FC version can be supplied together with various special versions. The maximum possible ambient temperature is 50 ° C.



167... G2 SENS-S - General information

Applications:
Areas in which the lighting is controlled via motion sensors or door contacts, e.g. storage areas, rack aisles, parking garages etc.
SENS luminaires: are controlled by L' and can generate L'
DIMC luminaires: are controlled by L' without power

Design:
DIMC/SENS: As standard version but with DALI-2 ECG and additional terminal point, labeled L', optionally with HF sensor (SENS types), see table.

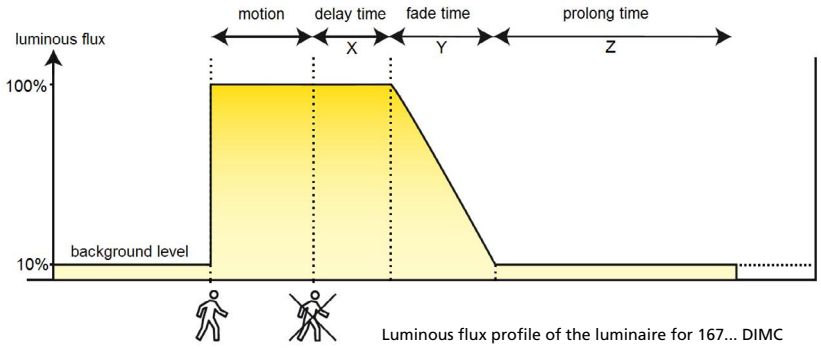
Table comparing SENS, DIMC and SENS-S luminaires:

	Clamping point L'	powerless switching/ max. swit-ching capacity	Integrated Sensor	Standard Background Level	Switches off after 30 minutes
167... G2 DIMC	x	powerless	–	10 %	–
167... G2 DIMC-Z30	x	powerless	–	10 %	x
167... G2 SENS	x	powerless	x	10 %	-
167... G2 SENS-Z30	x	powerless	x	10 %	x
167... G2 SENS-S	x	400 W	x	none	–

General product highlights:

- simple installation and commissioning
- no software or apps required for operation
- only one mains-insulated control cable is required
- "Stand-alone operation" of the SENS luminaires possible, no control phase is required for this
- large energy saving potential through
  – Power consumption reduced by up to 90 % in dimming mode
  – shorter operating time for Z30 versions
- no gateway required
- use of external sensors possible

General Technical data:
Control: Any number of DIMC or SENS luminaires can be controlled via the control phase of the SENS luminaires. Switching is powerless. If movement is no longer detected by a SENS luminaire or an external sensor detected (depending on the set hold time), the control phase switches to 0 V and all luminaires connected to the control phase dim to 10 % (factory setting). Please observe the installation instructions in the Technical Supplement.
Programming: the following parameters, among others, can be changed on the LED control gear via the NFC interface: Luminous flux, dimming ramp, switch-off time.
Programming can be done via smartphone and free app.
Detection range of the HF sensor: Depending on the light point height, the detection range up to 10 m. Structures such as concrete pillars can restrict the detection area. Materials such as drywall can be penetrated.
Factory settings:
– Standard sensor hold time (X): 5 minutes can be set (see setting options), only for SENS types
- Dimming ramp (Y): 30 seconds, for DIMC and SENS types
– Reduced operation (L' = 0 V): 10 % luminous flux if no activity is detected, for SENS and DIMC types
– Automatic switch-off deactivated (Z), luminaire never switches off.
– For further information, see illustration "Luminous flux profile of the luminaire" for 167... DIMC.
Setting options for SENS luminaires: Via potentiometer on the sensor or optionally via IR remote control (article number 90295 9000):
– Sensitivity of the sensor to avoid unwanted detections in the edge area
– Hold time of the sensor from 10 seconds to 30 minutes, with IR remote control up to 60 minutes
Ambient temperature: -20 °C to see table



Luminous flux profile of the luminaire for 167... DIMC

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material

167... G2 DIMC

with Corridor Mode

Factory settings DIMC types:
– Automatic switch-off deactivated, light never switches off.

16700 0037	**167 12L42G2 DIMC**	1	30	4.100	137	35	2 x 36W	1,7
16700 0036	**167 15L34G2 DIMC**	1	28	3.850	138	35	1 x 58W	2,0
16700 0038	**167 15L60G2 DIMC**	1	43	6.000	140	35	2 x 58W	2,0
16700 0039	**167 15L100G2 DIMC**	1	70	11.210	160	35	3 x 58W	2,2

167... G2 DIMC-Z30

dimmable via Corridor Mode and automatic switch-off function (30 minutes)

Factory settings different from DIMC-Z30 types:
– Automatic switch-off activated: 30 minutes 10 % background level, then standby mode (0 %).

16700 0067	**167 12L42G2 DIMC-Z30**	1	30	4.100	137	35	2 x 36W	1,7
16700 0066	**167 15L34G2 DIMC-Z30**	1	28	3.850	138	35	1 x 58W	2,0
16700 0068	**167 15L60G2 DIMC-Z30**	1	43	6.000	140	35	2 x 58W	2,0
16700 0089	**167 15L100G2 DIMC-Z30**	1	70	11.210	160	35	3 x 58W	2,2



167... G2 SENS

DIMC version with integrated motion sensor

Design:
As DIMC version, but with integrated motion sensor. As a master luminaire, the luminaire can control all DIMC luminaires connected to it.

Factory settings SENS types:
– Automatic switch-off deactivated, light never switches off.

16700 0050	**167 12L42G2 SENS**	1	23	3.840	167	40	2 x 36W	1,7
16700 0051	**167 15L34G2 SENS**	1	21	3.660	174	40	1 x 58W	2,0
16700 0052	**167 15L60G2 SENS**	1	36	5.810	166	40	2 x 58W	2,0



167... G2 SENS-Z30

DIMC-Z30 version with integrated motion sensor and switch-off function (30 minutes)

Design:
As DIMC-Z30 version, but with integrated motion sensor. As a master luminaire, the luminaire can control all DIMC-Z30 luminaires connected to it.

Factory settings SENS-Z30 types:
- Automatic switch-off activated: 30 minutes 10 % background level, then standby mode (0 %)..

16700 0055	**167 12L42G2 SENS-Z30**	1	23	3.840	167	40	2 x 36W	1,7
16700 0056	**167 15L34G2 SENS-Z30**	1	21	3.660	174	40	1 x 58W	2,0
16700 0057	**167 15L60G2 SENS-Z30**	1	36	5.810	166	40	2 x 58W	2,0

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

167... G2 SENS_S - General information

Applications:
Smaller areas where the lighting is controlled by motion sensors or door contacts, e.g. storage rooms, parking bays, bicycle parking areas, etc.

Design:
Same as the standard version, but with an HF sensor (SENS-S types) clamp L.'

Table comparing DIMC-, SENS-, and SENS-S luminaires:

	Clamping point L'	powerless switching/ max. swit-ching capacity	Integrated Sensor	Standard Background Level	Switches off after 30 minutes
167... G2 DIMC	x	powerless	–	10 %	–
167... G2 DIMC-Z30	x	powerless	–	10 %	x
167... G2 SENS	x	powerless	x	10 %	-
167... G2 SENS-Z30	x	powerless	x	10 %	x
167... G2 SENS-S	x	400 W	x	none	–

Product highlights SENS-S:

- the most cost-effective solution with sensors
- large energy saving potential
- no software or apps required for operation
- no gateway required
- "Stand-alone operation" possible

Technical data:
Control: A single SENS-S luminaire can switch lighting loads of up to 400 W.
Detection range of the HF sensor: Depending on the height of the light source, the detection range is up to 10 m. Structures such as concrete pillars may restrict the detection range. Materials such as plasterboard walls can be penetrated.
Factory settings:
– Sensor hold time: 5 minutes
– Detection range: 100 %
– Twilight threshold: disabled (the light switches on whenever movement is detected)
Setting options: via DIP switches on the sensor.
– Sensor hold time: 5 s / 90 s / 5 min / 15 min
– Detection range: 10% / 50% / 75% / 100%
– Twilight threshold: disabled / 50 lux / 10 lux / 2 lux
Ambient temperature: -20 °C to see table



NEW

167... G2 SENS-S

IP65

with integrated motion sensor

Design:
Same as the standard version, but with an integrated motion sensor. The luminaire can control LED lighting systems with a total power consumption of up to 400 W

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material
16700 0045	**167 12LG2 VARIO SENS-S**	1	18	2.700	150	35	> 1 x 36W	1,7
			21	3.100	148	35	< 1 x 58W	
			26	3.800	146	35	> 1 x 58W	
			30	4.300[1)]	143	35	2 x 36W	
16700 0046	**167 15LG2 VARIO SENS-S**	1	25	3.800	152	35	> 1 x 58W	1,9
			29	4.400	152	35	2 x 36W	
			36	5.400	150	35	< 2 x 58W	
			43	6.200[1)]	144	35	2 x 58W	

1) Factory setting

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material

167... G2 DIMD

dimmable via DALI interface

Design:

Same as standard version, but with DALI-2-ECG and 2 additional clamping points. Dimming range 1 -100 %. Compatible with **LIMAS Line** Light Management System.

16700 0033	**167 12L42G2 DIMD**	1	30	4.100	137	35	2 x 36W	1,7
16700 0032	**167 15L34G2 DIMD**	1	28	3.850	138	35	1 x 58W	2,0
16700 0034	**167 15L60G2 DIMD**	1	43	6.000	140	35	2 x 58W	2,0
16700 0035	**167 15L100G2 DIMD**	1	70	11.210	160	35	3 x 58W	2,2



167... G2 HE CS

with smart LIMAS Air light control via radio

Applications:

Areas where no DALI lines are available or planned, but the luminaires are to be controlled intelligently.

Design:

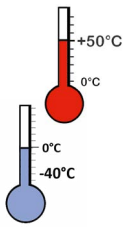
As standard version, but with **CASAMBI®**-enabled control gear for smart lighting control.

Explanations on smart light control as well as further system accessories (sensors / switches / pushbuttons etc.) can be found in the catalog section „Light Management - LIMAS Air".

Product highlights:

- each individual luminaire separately controllable
- compatible with all LIMAS Air system accessories
- convenient configuration and control via radio using free smartphone app (Android and iOS)
- no gateway and no internet connection required
- extensive portfolio of sensors and actuators
- high-efficiency design (**HE**) for reduced energy consumption
- significant reduction of operating costs and CO_2 reduction

16700 0090	**167 12L42G2 HE CS**	1	27	4.380	162	40	2 x 36W	1,7
16700 0091	**167 15L60G2 HE CS**	1	39	6.460	166	40	2 x 58W	2,0



167... G2 T40 / H50

for wide temperature ranges from -40 °C up to +50 °C

16700 0083	**167 12L42G2 T40 H50**	1	27	4.380	162	50	2 x 36W	1,7
16700 0082	**167 15L34G2 T40 H50**	1	24	4.070	170	50	1 x 58W	2,0
16700 0084	**167 15L60G2 T40 H50**	1	39	6.460	166	50	2 x 58W	2,0

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.





167... G2 HL

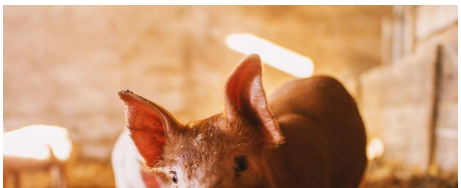
for particularly humid rooms

Applications:
Agricultural storage (vegetables, potatoes, etc.), wine cellars, technical areas in drinking water supply systems, areas with very high humidity and predominantly short operating times.

Note:
Select series PRIMO XR for condensation on ceilings/ walls.

Design:
As standard version 167...G2, but with corrosion-protected components.
Seal: Silicone
Cable entry: 1 M20 screw connection on one end, 1 M20 screw plug on the other end.
Mounting: 2 reinforced retaining clips (also suitable for (also suitable for horizontal wall mounting) made of stainless steel, 2 brackets for chain suspension (included in scope of delivery).

Product highlights:
- specially designed for high humidity with predominantly short operating times
- corrosion-proof encapsulated ECG
- highly resistant LED modules with additional protective coating
- extremely efficient
- low-glare light due to satinised cover tray



167... G2 LW

for application in stables and agriculture farming

Applications:
Pigsties with increased ammonia exposure, dairy cattle, cattle and horse barns.
Damp, wet and dusty rooms in agricultural premises as well as rooms with increased fire risk due to combustible dusts, e.g. barns, straw and feed storage.

Design:
Same as type 167... G2 but with corrosion-proof and highly ammonia-resistant components.
Gasket: silicone
Cable entries: 1 gland M20 at one small side, blanking plug M20 at the other small side.
Mounting system: 2 reinforced retaining clips (also suitable for horizontal wall mounting), made of stainless steel, 2 brackets for chain suspension (part of the delivery).

Product highlights:
- permanently ammonia-resistant design
- corrosion-proof encapsulated electronic ballast
- highly resistant LED Modules with additional protective coating
- extremely efficient up to 174 lm/W
- none-flickering light to avoid stress and to ensure animal welfare
- DLG (German Agricultural Society) exam

SCHUCH LUXANO 2 LW
✓ Resistance to ammonia
✓ Cleaning distance
DLG Test Report 7542

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material
16706 0003	**167 12L42G2 HL**	1	23	4.000	174	35	1 x 58W	1,7
16706 0004	**167 15L60G2 HL**	1	37	6.140	166	35	2 x 58W	2,0
16702 0013	**167 12L42G2 LW**	1	23	4.000	174	35	1 x 58W	1,7
16702 0014	**167 15L60G2 LW**	1	37	6.140	166	35	2 x 58W	2,0

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

Article no.	Type	Quantity of ECG	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for *	Weight [kg] without packing material

Note:
The light fitting 167 ... G2 ER DIMD is not suitable for use in pig stalls! We recommend using our 107... PRIMO XR LW DIMD series.



167... G2 ER DIMD

for application in stables and agriculture farming

Applications:
In poultry farming in accordance with the German Animal Welfare (TierSCHNutztV), dairy cattle, cattle and horse stables.
Damp, wet and dusty rooms in agricultural premises as well as rooms with increased fire risk due to combustible dusts, e.g. barns, straw and feed stores.

Design:
Like version 167 ... G2 LW but with DALI-2-ECG (not encapsulated in a corrosion-proof manner) and 2 additional terminal points. Dimming range 1-100 %.
Compatible with **LIMAS Line** Light Management System.

16702 0023	**167 12L42G2 ER DIMD**	1	24	4.170	174	35	2 x 36W	1,7
16702 0024	**167 15L60G2 ER DIMD**	1	37	6.140	166	35	2 x 58W	2,0

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

Gas-tight encapsulated light sensor

Specially developed for use in environments contaminated with harmful gases, our new LL XR DS4 light sensor is ideal for animal houses contaminated with ammonia. Robustly constructed and gas-tight encapsulated, it offers outstanding durability and reliability in these demanding areas.
See catalog chapter Light management systems / LIMAS Line.

Accessories / Spare Parts

Article no.	Type	
spare glasses, PMMA, frosted		
16711 9003	**ABD 167 12 G2**	cover, frosted PMMA diffuser, for 167 12 ... G2
16711 9004	**ABD 167 15 G2**	cover, frosted PMMA diffuser, for 167 15 ... G2
16711 9005	**ABD 167 12 G2 PC**	cover, frosted PC diffuser, for 167 12 ... G2
16711 9006	**ABD 167 15 G2 PC**	cover, frosted PC diffuser, for 167 15... G2
Fasteners		
90123 9008	**167G2 KE V10**	stainless steel (packing unit 10)
Cable entries/pressure compensation elements		
90063 9000	**2511**	blanking plug M20
25610 9000	**2561**	plastic cable gland M20 x 1,5
90259 9002	**DAE20**	pressure compensation element M20 for ... AUS
Accessories		
90049 0004	**HK 167 G2 P**	1 pair of retaining clips (stainless steel) reinforced for variable mounting
Infrared remote control for SENS-light fittings		
90295 9000	**FB SENSOTEC-MINI**	Infrared remote control for 167... G2 SENS