

Transport luminaires



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Safe lighting,
no compromise

RIDI



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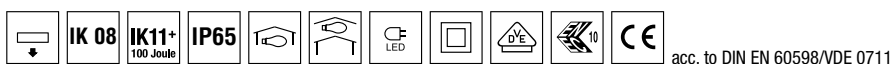
SURVIVOR

For any area of application

For particularly high demands

Can be used for industrial applications and in areas that require special protection measures in line with IK11+ 100 J (IK08) and IP65.

- Local and long-distance transport areas
- Stations
- Bus stops/bus shelters
- Car parks and public spaces
- Underpasses/bridges
- Laboratories
- Cold stores
- Sports facilities
- Correctional facilities



Protection against all cases of vandalism, moisture and fire

The SURVIVOR luminaire is available in different lengths:

Dimensions: width 240 mm, height 73 mm

Lengths: 690 mm, 1300 mm and 1600 mm

The ideal lighting solution for maximum safety.

Polycarbonate cover:

for greater impact protection with IK11+ 100 J impact resistance

SURVIVOR S: prismatic, satin finish

SURVIVOR K: prismatic, clear

Cover made of real glass:

with IK08 impact resistance

SURVIVOR ESG: single-pane safety glass





Werkfoto: Rüdiger Günther Fotodesign



Screw-on cover
Fixed with captive screws



Cover held securely in place
thanks to swivel hinge

Simple assembly with maximum ease of maintenance

Tool-free removal of the light unit for convenient connection or replacement.





ResFlex allows for easy adjustment of lumen output on site



www.ridi.de/en/luminaires-products/survivor.html

SURVIVOR

Technical features

Maximum efficiency thanks to LED circuit boards from our own production with the latest generation of mid-power LEDs

Versions available using the Dali converter or an integrated, flexible resistance (ResFlex).
10 different resistances, i.e. 10 different lumen output levels, can be set for the luminaire using an integrated, flexible resistance (ResFlex). (Factory setting: maximum light output).

Colour rendering index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Colour white, (similar to RAL9016), powder-coated,
other colours possible on request.

Lighting technology wide-beam symmetrical or wide-beam asymmetrical

DB approved

Optionally with transient filter 10KV

Comprehensive system accessories



One system – many possibilities

The requirements for optimum lighting are just as varied as the differing individual conditions on site.

Whether wall, ceiling, corner, or pendant mounted – anything is possible.





SURVIVOR

Combination with dummy profile





① * **Dummy light, horizontal:**
SURVIVOR BLIND-WFH100WS
Prod. code 0209335

② * **Dummy light, vertical:**
SURVIVOR BLIND-WFV100WS
Prod. code 0209336

③ * **Dummy lights in different lengths:**
SURVIVOR BLIND-069WS
Prod. code 0209238, length: 690 mm

SURVIVOR BLIND-130WS
Prod. code 0209239, length: 1300 mm

SURVIVOR BLIND-160WS
Prod. code 0209240, length: 1600 mm

④ **End plate for dummy luminaire:**
SURVIVOR BLIND-EPWS
Prod. code 0209243

⑤ **SURVIVOR:**
different versions
from page 30



* other lengths and angles possible on request

SURVIVOR TP25

Combination with dummy profile and support profile TP25





① * **Dummy light, horizontal:**
SURVIVOR BLIND-TP25WFH100WS
Prod. code 0209333

② * **Dummy light, vertical:**
SURVIVOR BLIND-TP25WV100WS
Prod. code 0209334

③ * **Dummy lights in different lengths:**
SURVIVOR BLIND-069WS
Prod. code 0209238, length: 690 mm

SURVIVOR BLIND-130WS
Prod. code 0209239, length: 1300 mm

SURVIVOR BLIND-160WS
Prod. code 0209240, length: 1600 mm

④ **End plate for dummy luminaire:**
SURVIVOR TP25-EPWS
Prod. code 0209340

⑤ **SURVIVOR:**
different versions
from page 30

⑥ * **Dummy light SURVIVOR support profile TP25:**
SURVIVOR TP25-100WS
Prod. code 0209326, length: 1000 mm

SURVIVOR TP25-490WS
Prod. code 0209286, length: 4900 mm



* other lengths and angles possible on request

SURVIVOR TP60

Combination with dummy profile and support profile TP60





①

① * **Dummy light, horizontal:**
SURVIVOR BLIND-TP60WFH100WS
Prod. code 0209246

② * **Dummy light, vertical:**
SURVIVOR BLIND-TP60WV100WS
Prod. code 0209332

③ * **Dummy lights in different lengths:**
SURVIVOR BLIND-069WS
Prod. code 0209238, length: 690 mm

SURVIVOR BLIND-130WS
Prod. code 0209239, length: 1300 mm

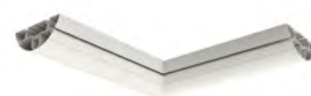
SURVIVOR BLIND-160WS
Prod. code 0209240, length: 1600 mm

④ **End plate for dummy luminaire:**
SURVIVOR TP60-EPWS
Prod. code 0209236

⑤ **SURVIVOR:**
different versions
from page 30

⑥ * **Dummy light SURVIVOR support profile TP60:**
SURVIVOR TP60-100WS
Prod. code 0209325, length: 1000 mm

SURVIVOR TP60-490WS
Prod. code 0209237, length: 4900 mm



* other lengths and angles possible on request

SURVIVOR E45

Combination cornice mounting with dummy profile





- ① ***SURVIVOR dummy L horizontal, corner mounting 45°**
SURVIVOR BLIND-E45WFH100WS
Prod. code 0209337, dimens. 1000 mm x 1000 mm
Dummy cover + 45° wall bracket, hor. 90° corner



- ② **Corner mounting bracket (45° end):**
SURVIVOR EM-HWE
Prod. code 0209257
Wall bracket (45°), easier for termination, V2A



- ③ ***Dummy lights in different lengths::**
SURVIVOR BLIND-069WS
Prod. code 0209238, length: 690 mm

SURVIVOR BLIND-130WS
Prod. code 0209239, length: 1300 mm

SURVIVOR BLIND-160WS
Prod. code 0209240, length: 1600 mm



- ④ **End plate dummy, corner mounting:**
SURVIVOR EM-EPWS
Prod. code 0209256



- ⑤ **SURVIVOR:**
different versions
from page 30



- ⑥ **Corner mounting bracket (45° tandem):**
SURVIVOR EM-HWB
Prod. code 0209244
Wall bracket (45°), double for joint, V2A



* other lengths and angles possible on request

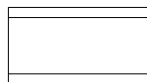


The high-quality, two-part powder-coated aluminium housing impresses with its simple mounting technique and can be adapted to any application.

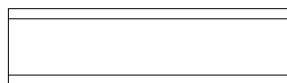
SURVIVOR suits a great range of lighting requirements thanks to the variety of lengths available.

*** Dummy/blind modules in different lengths:**

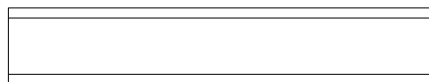
SURVIVOR BLIND-069WS
Prod. code 0209238, length: 690 mm



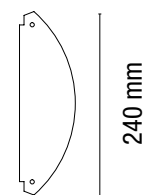
SURVIVOR BLIND-130WS
Prod. code 0209239, length: 1300 mm



SURVIVOR BLIND-160WS
Prod. code 0209240, length: 1600 mm



73 mm



* other lengths possible on request

Dummy lights

The dummy luminaires allow you to cater for any type of custom environment, even with:

- loudspeakers
- cameras
- fire alarms
- and junction boxes

that can be integrated on request.

**Dummy light with
SURVIVOR end plate dummy, corner mounting:**
SURVIVOR EM-EPWS
Prod. code 0209256



The support profiles

Simple integration

The support profiles mean that cables and lines can be optimally routed and protected.

They offer enough space to meet the various installation requirements.

*** Dummy light with SURVIVOR support profile TP60:**

SURVIVOR TP60-100WS

Prod. code 0209325, length: 1000 mm

SURVIVOR TP60-490WS

Prod. code 0209237, length: 4900 mm



*** Dummy light with SURVIVOR support profile TP25:**

SURVIVOR TP25-100WS

Prod. code 0209326, length: 1000 mm

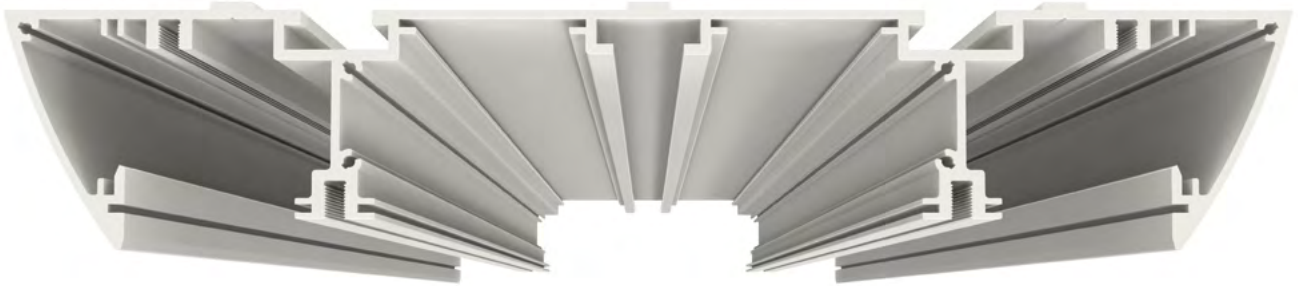
SURVIVOR TP25-490WS

Prod. code 0209286, length: 4900 mm



* other lengths possible on request





The support profiles meet the individual requirements – safely and sturdily.

*** Dummy module SURVIVOR support profile TP60:**

SURVIVOR TP60-100WS

Prod. code 0209325, length: 1000 mm

SURVIVOR TP60-490WS

Prod. code 0209237, length: 4900 mm



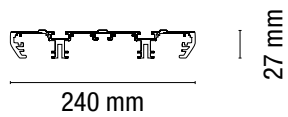
310 mm

60 mm



Support profiles in detail

Supply lines can be integrated easily and invisibly.



*** Dummy light SURVIVOR support profile TP25:**

SURVIVOR TP25-100WS

Prod. code 0209326, length: 1000 mm

SURVIVOR TP25-490WS

Prod. code 0209286, length: 4900 mm



* other lengths and angles possible on request

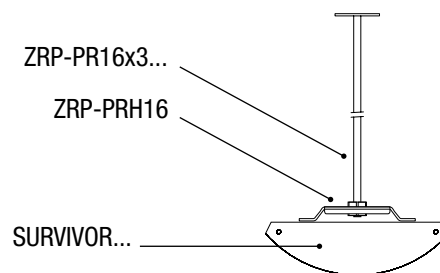
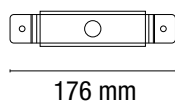
Pendant mounting

Variable application

The pendant version reliably offers sufficient scope to realise a variety of lighting concepts.



⑧ ZRP-PRH16





⑦ **Pendant tube:**
ZRP-PR16X3-100WS
Prod. code 0209329, length: 1000 mm

ZRP-PR16X3-060WS
Prod. code 0209330, length: 600 mm

⑧ **Pendant tube holder, V2A,**
ZRP-PRH16
Prod. code 0209331, length: 176 mm



Figure shows a project solution

SURVIVOR

Surface-mounted luminaire SURVIVOR - IP65

Design:

LED surface-mounted luminaire for ceiling, protection rating IP65 for ceiling, wall or corner mounting, direct beam. Rigid luminaire housing made from extruded aluminium profile, white (similar to RAL 9016), powder-coated. End caps made from die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver pre-fitted in luminaire housing.

Colour rendering index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

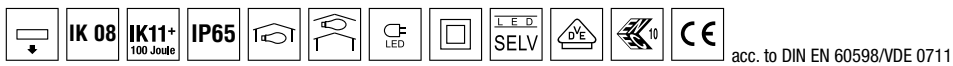
Electrical versions:

Dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volt, 0/50-60 Hz and internal connector block 5x2,5mm².

Additional variants of electric converters (-RF) with integrated flexible resistor (ResFlex) are available.

Mounting:

Ceiling or wall mounting without the need for additional accessories. Corner mounting with corresponding accessory set (see accessories). End face cable insertion.



SURVIVOR ... K

Clear cover made from polycarbonate with wide-beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 100 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					dim. conv. DALI
					L	B	H	A1	A2	
SURVIVOR069DAWS830K0250	2750	19	144	830	690	240	73	652	150	0632202
SURVIVOR069DAWS840K0300	2890	19	152	840	690	240	73	652	150	0632206
SURVIVOR130DAWS830K0500	5490	35	156	830	1300	240	73	1262	150	0632210
SURVIVOR130DAWS840K0550	5780	35	165	840	1300	240	73	1262	150	0632214
SURVIVOR160DAWS830K0650	6870	43	159	830	1600	240	73	1562	150	0632218
SURVIVOR160DAWS840K0700	7230	43	168	840	1600	240	73	1562	150	0632222

SURVIVOR ... S

Satin finish on cover, made from polycarbonate with wide-beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 100 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					dim. conv. DALI
					L	B	H	A1	A2	
SURVIVOR069DAWS830S0250	2570	19	135	830	690	240	73	652	150	0632203
SURVIVOR069DAWS840S0250	2710	19	142	840	690	240	73	652	150	0632207
SURVIVOR130DAWS830S0500	5150	35	147	830	1300	240	73	1262	150	0632211
SURVIVOR130DAWS840S0500	5420	35	154	840	1300	240	73	1262	150	0632215
SURVIVOR160DAWS830S0600	6440	43	149	830	1600	240	73	1562	150	0632219
SURVIVOR160DAWS840S0650	6770	43	157	840	1600	240	73	1562	150	0632223

SURVIVOR ... SAS

Satin finish on cover, polycarbonate, with wide beam prismatic profile, asymmetric beam, vandal-proof. Impact resistance IK11+ 100 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					dim. conv. DALI
					L	B	H	A1	A2	
SURVIVOR069DAWS840SAS0225	2260	19	118	840	690	240	73	652	150	0632208
SURVIVOR130DAWS840SAS0450	4520	35	129	840	1300	240	73	1362	150	0632216
SURVIVOR160DAWS840SAS0550	5650	43	131	830	1600	240	73	1562	150	0632224

SURVIVOR ... ESGS

Cover, toughened safety glass panel, satin finish, wide beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					dim. conv. DALI
					L	B	H	A1	A2	
SURVIVOR069DAWS830ESGS0250	2820	19	148	830	690	240	73	652	150	0632227
SURVIVOR069DAWS840ESGS0300	2970	19	156	840	690	240	73	652	150	0632231
SURVIVOR130DAWS830ESGS0550	5640	35	161	830	1300	240	73	1362	150	0632235
SURVIVOR130DAWS840ESGS0550	5940	35	169	840	1300	240	73	1362	150	0632239
SURVIVOR160DAWS830ESGS0650	7050	43	163	830	1600	240	73	1562	150	0632243
SURVIVOR160DAWS840ESGS0700	7420	43	172	840	1600	240	73	1562	150	0632247



Werkfoto RIDI/Günther Fotodesign

SURVIVOR ...-RF – Deutsche Bahn

Surface-mounted luminaire SURVIVOR - IP65, with ResFlex

Design:

LED surface-mounted luminaire for ceiling, protection rating IP65 for ceiling, wall or corner mounting, direct beam. Rigid luminaire housing made from extruded aluminium profile, white (similar to RAL 9016), powder-coated. End caps made from die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver pre-fitted in luminaire housing.

Ten different resistances for ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex; Factory setting: maximum light output).

Colour rendering index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Electrical versions:

El. conv.: Electronic converter for LED, 220-240 Volt, 50–60 Hz and internal connector block 5x2.5mm².

Mounting:

Ceiling or wall mounting without the need for additional accessories. Corner mounting with corresponding accessory set (see accessories). End face cable insertion.



SURVIVOR ... S-RF-DB

Satin finish on cover, made from polycarbonate with wide-beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 100 J. The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					el. conv.
					L	B	H	A1	A2	Prod. code
SURVIVOR069NDWS840S0250-DB	2710	18	150	840	690	240	73	652	150	6068001//420
SURVIVOR130NDWS840S0500-DB	5410	34	159	840	1300	240	73	1262	150	6068003//420
SURVIVOR160NDWS840S0650-DB	6780	42	161	840	1600	240	73	1562	150	6068005//420

SURVIVOR ... SAS-RF-DB

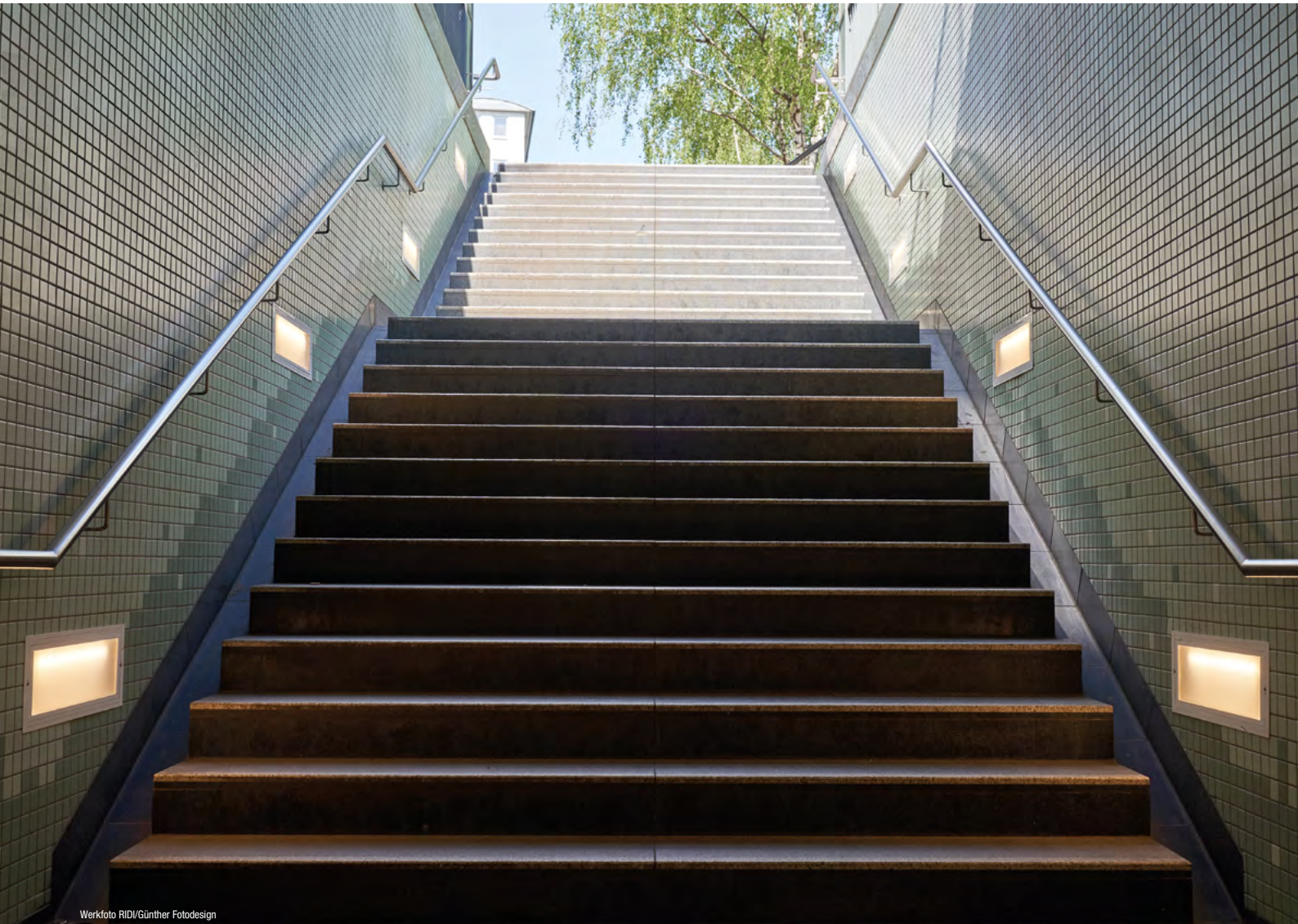
Satin finish on cover, polycarbonate, with wide beam prismatic profile, asymmetric beam, vandal-proof. Impact resistance IK11+ 100 J. The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					el. conv.
					L	B	H	A1	A2	Prod. code
SURVIVOR069NDWS840SAS0250-DB	2260	18	125	840	690	240	73	652	150	6068002//420
SURVIVOR130NDWS840SAS0500-DB	4520	34	132	840	1300	240	73	1262	150	6068004//420
SURVIVOR160NDWS840SAS0650-DB	5650	42	134	840	1600	240	73	1562	150	6068006//420

SURVIVOR ... MPO-RF-DB

The MPO cover is a transparent synthetic glass pane made of UV-resistant and impact-resistant PC with a micro-prism structure to ensure glare control for use in areas around railway tracks. The surface on the outsides of the cover is smooth. Additional opal structure on the inside for homogeneously illuminated micro-prism lens. The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]					el. conv.
					L	B	H	A1	A2	Prod. code
SURVIVOR069NDWS840MPO0225-DB	2190	18	121	840	690	240	73	652	150	6068055
SURVIVOR130NDWS840MPO0450-DB	4370	34	128	840	1300	240	73	1262	150	6068056
SURVIVOR160NDWS840MPO0550-DB	5460	42	130	840	1600	240	73	1562	150	6068057



Werkfoto RIDI/Günther Fotodesign

M125 / M200

State-of-the-art LED technology

Safe lighting for any architecture

The M125 and M200 luminaires are suitable for wall and ceiling mounting, and pair state-of-the-art LED technology with safe lighting for public spaces such as:

- Underpasses
- Stations
- Car parks
- Bus or tram stops
- Sports facilities
- Prisons
- Laboratories

The luminaires are suitable for through-wiring and are ball-proof.



State-of-the-art LED technology – for powerful illumination

The M125 and M200: surface-mounted or recessed luminaires
(rimless or with support angle) in two housing sizes.

Dimensions M200: width 200 mm × height 70 mm or
M125: width 125 mm × height 90 mm

Lengths: 690 mm, 1300 mm und 1600 mm





Werkfoto RIDI/Günther Fotodesign

The luminaires also differ in their covers

Cover with satin finish, symmetrical:

made of polycarbonate with wide-beam, symmetrical prismatic profile, vandalism-proof. Impact resistance IK11+ 75 J.

Cover with ESG pane, satin finish, symmetrical:

ESG cover with satin finish made of single-pane safety glass, wide beam. Impact resistance IK08.

Cover with MPO with micro-prism technology:

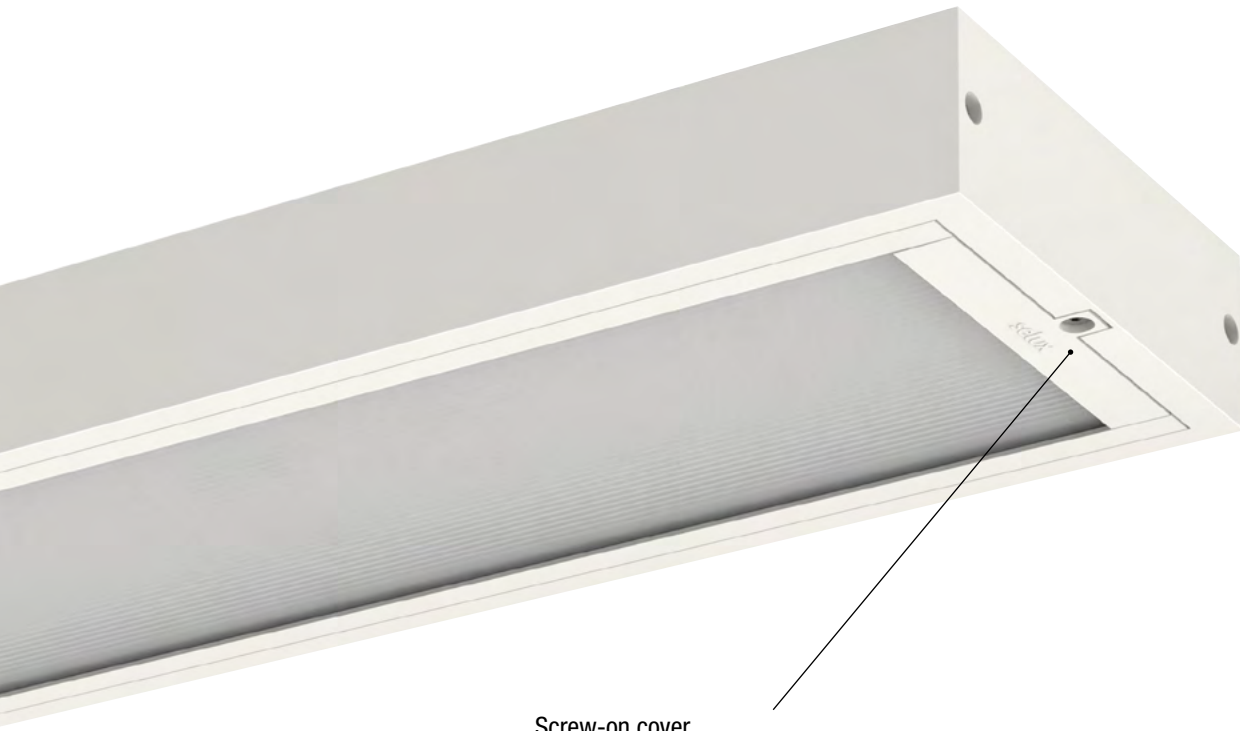
transparent synthetic glass pane, micro-prism structure, UGR<19, vandalism-proof. Impact resistance IK11+ 75 J.

Cover with satin finish, asymmetrical:

made of polycarbonate with wide-beam, asymmetrical prismatic profile, vandalism-proof. Impact resistance IK11+ 75 J.

Cover ESG pane, satin finish, asymmetrical:

AESG cover with satin finish made of single-pane safety glass, asymmetrical. Impact resistance IK08.



Screw-on cover
Fix with captive screws



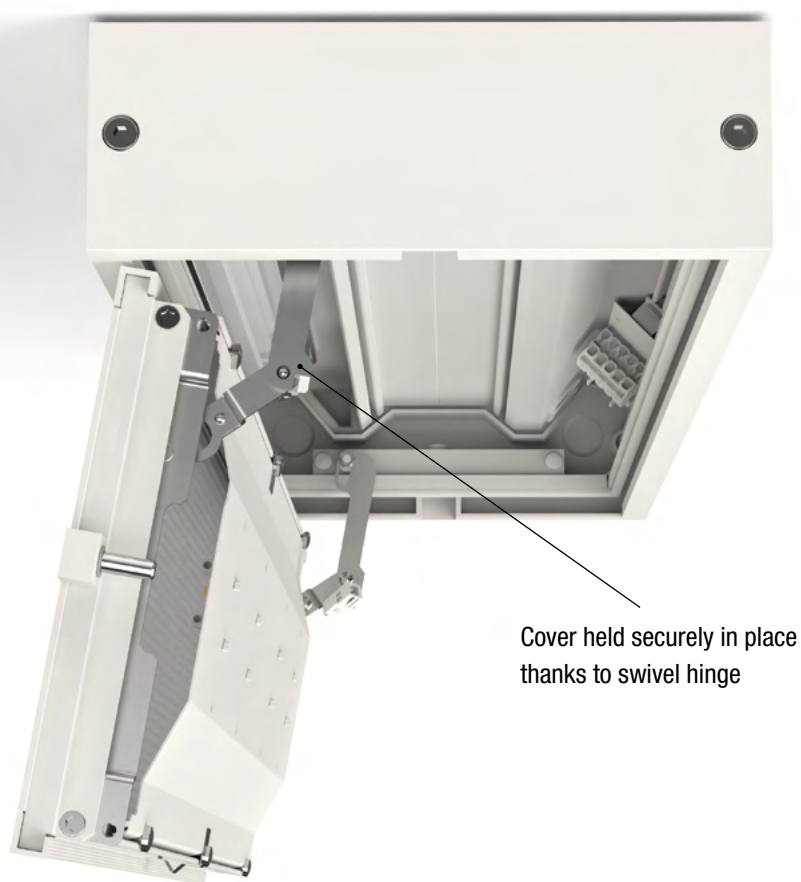
High resilience and easy assembly

Two-part aluminium housing, die-cast aluminium end caps.

Cover attached with captive screws.

Tool-free removal of the light unit for convenient connection or replacement.

The cover is fixed securely while in the open position by means of a swivel hinge and can be removed if necessary.





www.ridi.de/en/luminares-products/m125-a-m200-a.html

M125 / M200

Technical features

Wide range of uses, uniform illumination and maximum efficiency

Versions available using the Dali converter or an integrated, flexible resistance (ResFlex).

10 different resistances, i.e. 10 different luminous flux levels, can be set for the luminaire using an integrated, flexible resistance (ResFlex). (Factory setting: maximum light output).

Colour rendering index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Colour white, (similar to RAL9016), powder-coated,
other colours possible on request.

Lighting technology wide-beam symmetrical or wide-beam asymmetrical

DB approved

Optionally with transient filter 10KV

Comprehensive system accessories



Mounting variants

Mounting options: wall, ceiling
(surface-mounted or recessed),
pendant.

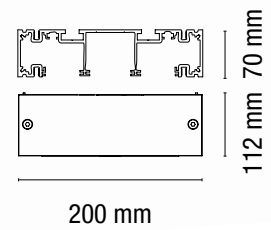
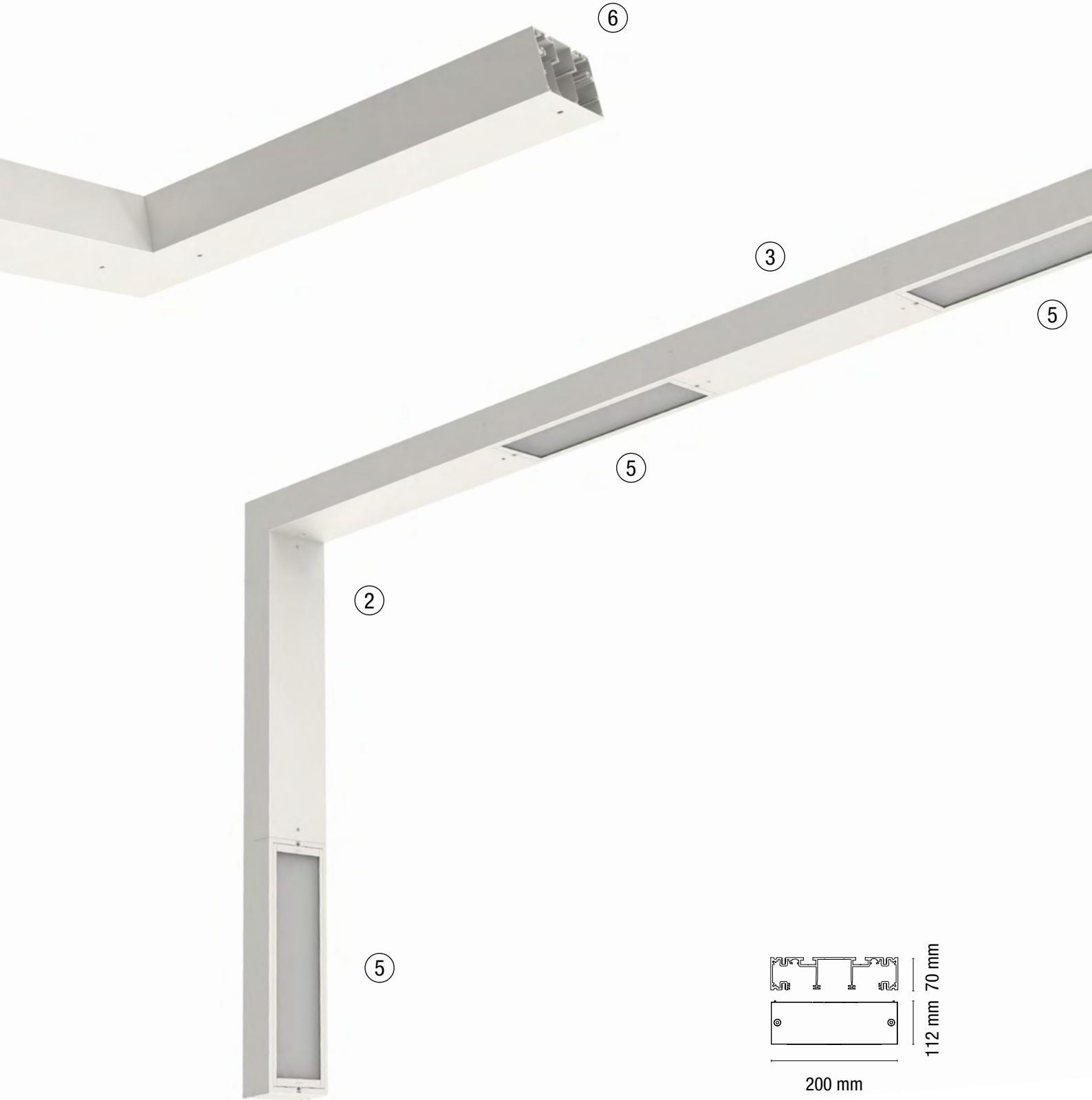
Options for recessed luminaires:
rimless or with support bracket.

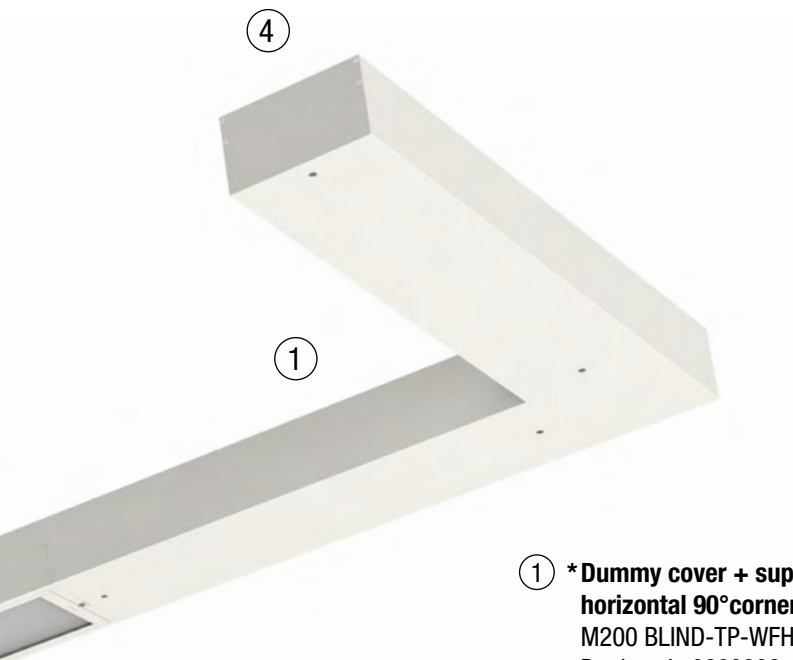




M200

Combination with dummy profile and support profile





- ① * **Dummy cover + support profile, horizontal 90° corner:**
M200 BLIND-TP-WFH90° WS
Prod. code 0209392, dims. 1000 mm x 1000 mm



- ② * **Dummy cover + support profile vertical 90° corner:**
M200 BLIND-TP-WFH90° WS
Prod. code 0209393, dims. 1000 mm x 1000 mm



- ③ * **Dummy cover for support profile in different lengths:**
M200-BLIND 069-WS
Prod. code 0209341, length: 690 mm, white

M200-BLIND 100-WS
Prod. code 0209342, length: 1000 mm, white

M200-BLIND 130-WS
Prod. code 0209343, length: 1300 mm, white

M200-BLIND 160-WS
Prod. code 0209344, length: 1600 mm, white



- ④ **End cap for channel, white :**
M200-TPED-WS
Prod. code 0209348



- ⑤ **M200:**
different versions from page 48



- ⑥ **Support profile M200 in different lengths:**
M200-TP 100-WS
Prod. code 0209345, length: 1000 mm, white

M200-TP 138-WS
Prod. code 0209346, length: 1380 mm, white

M200-TP 490-WS
Prod. code 0209347, length: 4900 mm, white



* other lengths and angles possible on request

Dummy Cover M200

The powder-coated aluminium housing has much to offer and is suitable for environments with increased wear.



Maximum flexibility, depending on requirements.

**Dummy cover for support profile
in different lengths:**

M200-BLIND 069-WS
Prod. code 0209341, length: 690 mm, white



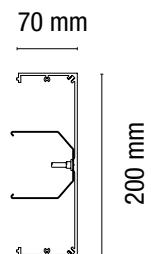
M200-BLIND 100-WS
Prod. code 0209342, length: 1000 mm, white



M200-BLIND 130-WS
Prod. code 0209343, length: 1300 mm, white



M200-BLIND 160-WS
Prod. code 0209344, length: 1600 mm, white



Pendant mounting M200

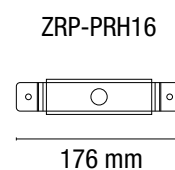
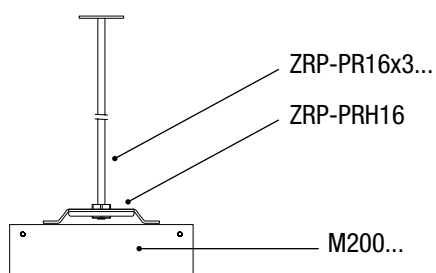
The pendulum tube made of extruded aluminium is available for a wide range of applications.



- ⑦ **Pendant tube:**
ZRP-PR16X3-100WS
Prod. code 0209329, length: 1000 mm

ZRP-PR16X3-060WS
Prod. code 0209330, length: 600 mm

- ⑧ **Pendant tube holder, V2A,**
ZRP-PRH16
Prod. code 0209331, length: 176 mm



M200-A

Surface-mounted luminaire M200-A - IP65

Design:

LED surface-mounted luminaires for wall and ceiling mounting, direct light distribution. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Colour rendering in index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Electrical versions:

Dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm².

Additional variants of electric converters (-RF) with integrated flexible resistor (ResFlex) are available.

Mounting:

Mounted by the customer. Protection rating seal included.

Note "ball resistant":

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M200-A ... S

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-A069 DAWS830S0250	2330	18	129	830	690	200	70	590	163,5	28	35	0637608
M200-A069 DAWS840S0250	2450	18	136	840	690	200	70	590	163,5	28	35	0637609
M200-A130 DAWS830S0450	4655	35	133	830	1300	200	70	1200	163,5	30	615	0637612
M200-A130 DAWS840S0500	4910	35	140	840	1300	200	70	1200	163,5	30	615	0637613
M200-A160 DAWS830S0600	5820	44	132	830	1600	200	70	1200	163,5	30	755	0637616
M200-A160 DAWS840S0600	6130	44	139	840	1600	200	70	1200	163,5	30	755	0637617

M200-A ... ESG

Cover, toughened safety glass panel, satin finish, wide beam. Impact resistance IK8.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-A069 DAWS830ESGS0225	2170	18	120	830	690	200	70	590	163,5	28	35	0637610
M200-A069 DAWS840ESGS0225	2290	18	127	840	690	200	70	590	163,5	28	35	0637611
M200-A130 DAWS830ESGS0450	4340	35	124	830	1300	200	70	1200	163,5	30	615	0637614
M200-A130 DAWS840ESGS0450	4580	35	130	840	1300	200	70	1200	163,5	30	615	0637615
M200-A160 DAWS830ESGS0550	5430	44	123	830	1600	200	70	1200	163,5	30	755	0637618
M200-A160 DAWS840ESGS0550	5720	44	130	840	1600	200	70	1200	163,5	30	755	0637619

M200-A ... AS

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-A069 DAWS830AS0225	2065	18	114	830	690	200	70	590	163,5	28	35	0637760
M200-A069 DAWS840AS0250	2175	18	120	840	690	200	70	590	163,5	28	35	0637761
M200-A130 DAWS830AS0400	4130	35	118	830	1300	200	70	1200	163,5	30	615	0637764
M200-A130 DAWS840AS0450	4350	35	124	840	1300	200	70	1200	163,5	30	615	0637765
M200-A160 DAWS830AS0500	5160	44	117	830	1600	200	70	1200	163,5	30	755	0637768
M200-A160 DAWS840AS0550	5440	44	123	840	1600	200	70	1200	163,5	30	755	0637769

M200-A ... AESG

Cover, toughened safety glass panel, asymmetric beam. Impact resistance IK8.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-A069 DAWS830AESGS0200	1890	18	105	830	690	200	70	590	163,5	28	35	0637762
M200-A069 DAWS840AESGS0200	1990	18	110	840	690	200	70	590	163,5	28	35	0637763
M200-A130 DAWS830AESGS0400	3780	35	108	830	1300	200	70	1200	163,5	30	615	0637766
M200-A130 DAWS840AESGS0400	3990	35	114	840	1300	200	70	1200	163,5	30	615	0637767
M200-A160 DAWS830AESGS0450	4730	44	107	830	1600	200	70	1200	163,5	30	755	0637770
M200-A160 DAWS840AESGS0500	4980	44	113	840	1600	200	70	1200	163,5	30	755	0637771

M125-A

Surface-mounted luminaire M125-A - IP65

Design:

LED surface-mounted luminaires for wall and ceiling mounting, direct light distribution. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Colour rendering in index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840)

Electrical versions:

Dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm².

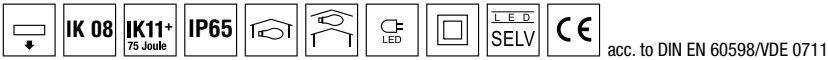
Additional variants of electric converters (-RF) with integrated flexible resistor (ResFlex) are available.

Mounting:

Mounted by the customer. Protection rating seal included.

Note "ball resistant":

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M125-A ... S

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-A069 DAWS830S0200	1850	19	97	830	690	125	90	590	95	28	35	0637733
M125-A069 DAWS840S0200	1950	19	102	840	690	125	90	590	95	28	35	0637735
M125-A130 DAWS830S0350	3700	38	97	830	1300	125	90	1200	95	30	615	0637737
M125-A130 DAWS840S0400	3900	38	102	840	1300	125	90	1200	95	30	615	0637739
M125-A160 DAWS830S0450	4630	47	98	830	1600	125	90	1200	95	30	755	0637741
M125-A160 DAWS840S0500	4880	47	103	840	1600	125	90	1200	95	30	755	0637743

M125-A ... ESG

Cover, toughened safety glass panel, satin finish, wide beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-A069 DAWS830ESGS0200	1840	19	96	830	690	125	90	590	95	28	35	0637732
M125-A069 DAWS840ESGS0200	1940	19	102	840	690	125	90	590	95	28	35	0637734
M125-A130 DAWS830ESGS0350	3680	38	96	830	1300	125	90	1200	95	30	615	0637736
M125-A130 DAWS840ESGS0400	3880	38	102	840	1300	125	90	1200	95	30	615	0637738
M125-A160 DAWS830ESGS0450	4600	47	97	830	1600	125	90	1200	95	30	755	0637740
M125-A160 DAWS840ESGS0500	4850	47	103	840	1600	125	90	1200	95	30	755	0637742

M125-A ... AS

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-A069 DAWS830AS0200	1795	19	94	830	690	125	90	590	95	28	35	0637823
M125-A069 DAWS840AS0200	1890	19	99	840	690	125	90	590	95	28	35	0637825
M125-A130 DAWS830AS0350	3590	38	94	830	1300	125	90	1200	95	30	615	0637827
M125-A130 DAWS840AS0400	3780	38	99	840	1300	125	90	1200	95	30	615	0637829
M125-A160 DAWS830AS0450	4490	47	95	830	1600	125	90	1200	95	30	755	0637831
M125-A160 DAWS840AS0450	4730	47	100	840	1600	125	90	1200	95	30	755	0637833

M125-A ... AESG

Cover, toughened safety glass panel, asymmetric beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-A069 DAWS830AESGS0200	1800	19	94	830	690	125	90	590	95	28	35	0637822
M125-A069 DAWS840AESGS0200	1890	19	99	840	690	125	90	590	95	28	35	0637824
M125-A130 DAWS830AESGS0350	3590	38	94	830	1300	125	90	1200	95	30	615	0637826
M125-A130 DAWS840AESGS0400	3790	38	99	840	1300	125	90	1200	95	30	615	0637828
M125-A160 DAWS830AESGS0450	4490	47	95	830	1600	125	90	1200	95	30	755	0637830
M125-A160 DAWS840AESGS0450	4740	47	100	840	1600	125	90	1200	95	30	755	0637832

M200-E

Recessed luminaire M200-E - IP65

Design:

LED-recessed luminaire for recessed ceiling mounting. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Colour rendering in index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Electrical versions:

Dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm².

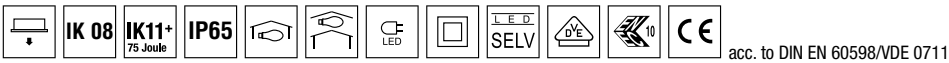
Additional variants of electric converters (-RF) with integrated flexible resistor (ResFlex) are available.

Mounting:

Mounted by the customer. Protection rating seal included.

Note "ball resistant":

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M200-E ... S

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-E069 DAWS830S0250	2330	18	129	830	720	224	79	590	163,5	28	50	0837961
M200-E069 DAWS840S0250	2450	18	136	840	720	224	79	590	163,5	28	50	0837962
M200-E130 DAWS830S0450	4655	35	133	830	1330	224	79	1200	163,5	30	630	0837965
M200-E130 DAWS840S0500	4910	35	140	840	1330	224	79	1200	163,5	30	630	0837966
M200-E160 DAWS830S0600	5820	44	132	830	1630	224	79	1200	163,5	30	770	0837969
M200-E160 DAWS840S0600	6130	44	139	840	1630	224	79	1200	163,5	30	770	0837970

M200-E ... ESG

Cover, toughened safety glass panel, satin finish, wide beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-E069 DAWS830ESGS0225	2170	18	120	830	720	224	79	590	163,5	28	50	0837963
M200-E069 DAWS840ESGS0250	2290	18	127	840	720	224	79	590	163,5	28	50	0837964
M200-E130 DAWS830ESGS0450	4340	35	124	830	1330	224	79	1200	163,5	30	630	0837967
M200-E130 DAWS840ESGS0450	4580	35	130	840	1330	224	79	1200	163,5	30	630	0837968
M200-E160 DAWS830ESGS0550	5430	44	123	830	1630	224	79	1200	163,5	30	770	0837971
M200-E160 DAWS840ESGS0550	5720	44	130	840	1630	224	79	1200	163,5	30	770	0837972

M200-E ... AS

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-E069 DAWS830AS0225	2065	18	114	830	720	224	79	590	163,5	28	50	0838039
M200-E069 DAWS840AS0225	2175	18	120	840	720	224	79	590	163,5	28	50	0838040
M200-E130 DAWS830AS0400	4130	35	118	830	1330	224	79	1200	163,5	30	630	0838043
M200-E130 DAWS840AS0450	4350	35	124	840	1330	224	79	1200	163,5	30	630	0838044
M200-E160 DAWS830AS0500	5160	44	117	830	1630	224	79	1200	163,5	30	770	0838047
M200-E160 DAWS840AS0550	5440	44	123	840	1630	224	79	1200	163,5	30	770	0838048

M200-E ... AESG

Cover, toughened safety glass panel, asymmetric beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M200-E069 DAWS830AESGS0200	1890	18	105	830	720	224	79	590	163,5	28	50	0838041
M200-E069 DAWS840AESGS0200	1990	18	110	840	720	224	79	590	163,5	28	50	0838042
M200-E130 DAWS830AESGS0400	3780	35	108	830	1330	224	79	1200	163,5	30	630	0838045
M200-E130 DAWS840AESGS0400	3990	35	114	840	1330	224	79	1200	163,5	30	630	0838046
M200-E160 DAWS830AESGS0450	4730	44	107	830	1630	224	79	1200	163,5	30	770	0838049
M200-E160 DAWS840AESGS0500	4980	44	113	840	1630	224	79	1200	163,5	30	770	0838050

M125-E

Recessed luminaire M125-E - IP65

Design:

LED-recessed luminaire for recessed ceiling mounting. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Colour rendering in index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840).

Electrical versions:

Dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm².

Additional variants of electric converters (-RF) with integrated flexible resistor (ResFlex) are available.

Mounting:

Mounted by the customer. Protection rating seal included.

Note "ball resistant":

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M125-E ... S

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-E069 DAWS830S0200	1850	19	97	830	720	149	99	590	95	28	50	0838028
M125-E069 DAWS840S0200	1950	19	102	840	720	149	99	590	95	28	50	0838030
M125-E130 DAWS830S0350	3700	38	97	830	1330	149	99	1200	95	30	630	0838032
M125-E130 DAWS840S0400	3900	38	102	840	1330	149	99	1200	95	30	630	0838034
M125-E160 DAWS830S0450	4630	47	98	830	1630	149	99	1200	95	30	770	0838036
M125-E160 DAWS840S0500	4880	47	103	840	1630	149	99	1200	95	30	770	0838038

M125-E ... ESG

Cover, toughened safety glass panel, satin finish, wide beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-E069 DAWS830ESGS0200	1840	19	96	830	720	149	99	590	95	28	50	0838027
M125-E069 DAWS840ESGS0200	1940	19	102	840	720	149	99	590	95	28	50	0838029
M125-E130 DAWS830ESGS0350	3680	38	96	830	1330	149	99	1200	95	30	630	0838031
M125-E130 DAWS840ESGS0400	3880	38	102	840	1330	149	99	1200	95	30	630	0838033
M125-E160 DAWS830ESGS0450	4600	47	97	830	1630	149	99	1200	95	30	770	0838035
M125-E160 DAWS840ESGS0500	4850	47	103	840	1630	149	99	1200	95	30	770	0838037

M125-E ... AS

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-E069 DAWS830AS0200	1795	19	94	830	720	149	99	590	95	28	50	0838055
M125-E069 DAWS840AS0200	1890	19	99	840	720	149	99	590	95	28	50	0838057
M125-E130 DAWS830AS0350	3590	38	94	830	1330	149	99	1200	95	30	630	0838059
M125-E130 DAWS840AS0400	3780	38	99	840	1330	149	99	1200	95	30	630	0838061
M125-E160 DAWS830AS0450	4490	47	95	830	1630	149	99	1200	95	30	770	0838063
M125-E160 DAWS840AS0450	4730	47	100	840	1630	149	99	1200	95	30	770	0838065

M125-E ... AESG

Cover, toughened safety glass panel, asymmetric beam. Impact resistance IK08.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							dim. conv. DALI
					L	B	H	A1	A2	K	K1	
M125-E069 DAWS830AESGS0200	1800	19	94	830	720	149	99	590	95	28	50	0838054
M125-E069 DAWS840AESGS0200	1890	19	99	840	720	149	99	590	95	28	50	0838056
M125-E130 DAWS830AESGS0350	3590	38	94	830	1330	149	99	1200	95	30	630	0838058
M125-E130 DAWS840AESGS0400	3790	38	99	840	1330	149	99	1200	95	30	630	0838060
M125-E160 DAWS830AESGS0450	4490	47	95	830	1630	149	99	1200	95	30	770	0838062
M125-E160 DAWS840AESGS0450	4740	47	100	840	1630	149	99	1200	95	30	770	0838064

M200-A ...-RF – Deutsche Bahn

Surface-mounted luminaire M200-A - IP65, with ResFlex

Design:

LED surface-mounted luminaires for wall and ceiling mounting, direct light distribution. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II

Ten different resistances for ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex; Factory setting: maximum light output).

Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840).

Electrical versions:

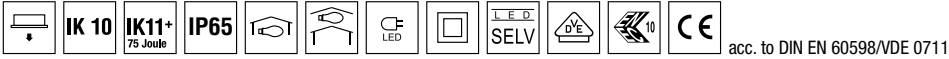
EI. conv. (-RF): Luminaires with flexible resistance (ResFlex). Electronic converter for LED, 220-240 Volt, 50-60 Hz and internal connector block.

Mounting:

Mounted by the customer. Protection rating seal included.

Note “ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M200-A ... S-RF-DB

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-A069 NDWS840S0250-DB	2450	18	136	840	690	200	70	590	163,5	28	35	6068008
M200-A130 NDWS840S0500-DB	4910	34	144	840	1300	200	70	1200	163,5	30	615	6068009
M200-A160 NDWS840S0600-DB	6130	42	146	840	1600	200	70	1200	163,5	30	755	6068010

M200-A ... AS-RF-DB

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-A069 NDWS840AS0225-DB	2175	18	120	840	690	200	70	590	163,5	28	35	6068014
M200-A130 NDWS840AS0450-DB	4350	34	128	840	1300	200	70	1200	163,5	30	615	6068015
M200-A160 NDWS840AS0550-DB	5440	42	130	840	1600	200	70	1200	163,5	30	755	6068016

M200-A ... MPO-RF-DB

The MPO cover is a transparent synthetic glass pane made of UV-resistant and impact-resistant PC with a micro-prism structure to ensure glare control for use in areas around railway tracks. The surface on the outsides of the cover is smooth. Additional opal structure on the inside for homogeneously illuminated micro-prism lens.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-A069 NDWS840MPO0200-DB	2200	18	122	840	690	200	70	590	163,5	28	35	6068023
M200-A130 NDWS840MPO0400-DB	4400	34	129	840	1300	200	70	1200	163,5	30	615	6068024
M200-A160 NDWS840MPO0500-DB	5500	42	131	840	1600	200	70	1200	163,5	30	755	6068025

M125-A ...-RF – Deutsche Bahn

Surface-mounted luminaire M125-A - IP65, with ResFlex

Design:

LED surface-mounted luminaires for wall and ceiling mounting, direct light distribution. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II

Ten different resistances for ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex; Factory setting: maximum light output).

Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840).

Electrical versions:

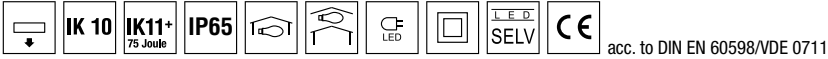
EI. conv. (-RF): Luminaires with flexible resistance (ResFlex). Electronic converter for LED, 220-240 Volt, 50-60 Hz and internal connector block.

Mounting:

Mounted by the customer. Protection rating seal included.

Note “ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M125-A ... S-RF-DB

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M125-A069 NDWS840S0200-DB	1950	18	108	840	690	125	90	590	95	28	35	6068036
M125-A130 NDWS840S0400-DB	3900	34	115	840	1300	125	90	1200	95	30	615	6068037
M125-A160 NDWS840S0500-DB	4880	42	116	840	1600	125	90	1200	95	30	755	6068038

M125-A ... AS-RF-DB

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M125-A069 NDWS840AS0200-DB	1890	18	105	840	690	125	90	590	95	28	35	6068042
M125-A130 NDWS840AS0400-DB	3780	34	111	840	1300	125	90	1200	95	30	615	6068043
M125-A160 NDWS840AS0450-DB	4730	42	112	840	1600	125	90	1200	95	30	755	6068044

M125-A ... MPO-RF-DB

The MPO cover is a transparent synthetic glass pane made of UV-resistant and impact-resistant PC with a micro-prism structure to ensure glare control for use in areas around railway tracks. The surface on the outsides of the cover is smooth. Additional opal structure on the inside for homogeneously illuminated micro-prism lens.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M125-A069 NDWS840MPO0225-DB	2020	18	112	840	690	125	90	590	95	28	35	6068070
M125-A130 NDWS840MPO0400-DB	4080	34	120	840	1300	125	90	1200	95	30	615	6068071
M125-A160 NDWS840MPO0500-DB	5040	42	120	840	1600	125	90	1200	95	30	755	6068072

M200-E ...-RF – Deutsche Bahn

Recessed luminaire M200-E - IP65, with ResFlex

Design:

LED-recessed luminaire for recessed ceiling mounting. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Ten different resistances for ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex; Factory setting: maximum light output).

Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840).

Electrical versions:

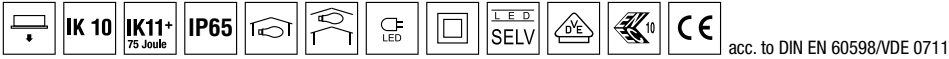
EI. conv. (-RF): Luminaires with flexible resistance (ResFlex). Electronic converter for LED, 220-240 Volt, 50/60 Hz and internal connector block.

Mounting:

Mounted by the customer. Protection rating seal included.

Note “ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



M200-E ... S-RF-DB

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-E069 NDWS840S0250-DB	2450	18	136	840	720	224	79	590	163,5	28	50	6068011
M200-E130 NDWS840S0500-DB	4910	34	144	840	1330	224	79	1200	163,5	30	630	6068012
M200-E160 NDWS840S0600-DB	6130	42	146	840	1630	224	79	1200	163,5	30	770	6068013

M200-E ... AS-RF-DB

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-E069 NDWS840AS0225-DB	2175	18	120	840	720	224	79	590	163,5	28	50	6068017
M200-E130 NDWS840AS0450-DB	4350	34	128	840	1330	224	79	1200	163,5	30	630	6068018
M200-E160 NDWS840AS0550-DB	5440	42	130	840	1630	224	79	1200	163,5	30	770	6068019

M200-E ... MPO-RF-DB

The MPO cover is a transparent synthetic glass pane made of UV-resistant and impact-resistant PC with a micro-prism structure to ensure glare control for use in areas around railway tracks. The surface on the outsides of the cover is smooth. Additional opal structure on the inside for homogeneously illuminated micro-prism lens.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv.
					L	B	H	A1	A2	K	K1	
M200-E069 NDWS840MPO0200-DB	2200	18	122	840	720	224	79	590	163,5	28	50	6068026
M200-E130 NDWS840MPO0400-DB	4400	34	129	840	1330	224	79	1200	163,5	30	630	6068027
M200-E160 NDWS840MPO0450-DB	5500	42	131	840	1630	224	79	1200	163,5	30	770	6068028

M125-E ...-RF – Deutsche Bahn

Recessed luminaire M125-E - IP65, with ResFlex

Design:

LED-recessed luminaire for recessed ceiling mounting. Rigid luminaire housing in white powder-coated sectional extruded aluminium (RAL 9016). End caps made of die-cast aluminium. LED modules formed as a flat board. Mid-power LEDs for even illumination and maximum efficiency. LED driver integrated in luminaire housing. Luminaires suitable for through wiring. Protection rating IP65, protection class II.

Ten different resistances for ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex; Factory setting: maximum light output).

Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840).

Electrical versions:

EI. conv. (-RF): Luminaires with flexible resistance (ResFlex). Electronic converter for LED, 220-240 Volt, 50/60 Hz and internal connector block.

Mounting:

Mounted by the customer. Protection rating seal included.

Note “ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3.



acc. to DIN EN 60598/VDE 0711



M125-E ... S-RF-DB

Satin finish on cover, made of polycarbonate with wide beam, symmetrical prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Model	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv. Prod. code
					L	B	H	A1	A2	K	K1	
M125-E069 NDWS840S0200-DB	1950	18	108	840	720	149	99	590	95	28	50	6068039
M125-E130 NDWS840S0400-DB	3900	34	115	840	1330	149	99	1200	95	30	630	6068040
M125-E160 NDWS840S0500-DB	4880	42	116	840	1630	149	99	1200	95	30	770	6068041

M125-E ... AS-RF-DB

Satin finish on cover, made of polycarbonate, with wide beam, asymmetric prismatic profile, vandal-proof. Impact resistance IK11+ 75 J.
The DB approved version uses a 10 kV transient filter.

Type	Leuchtenlichtstrom [lm]	Leuchtenleistung [W]	Leuchteneffizienz [lm/W]	Lichtfarbe	Maße [mm]							el. Konv. Art-Nr.
					L	B	H	A1	A2	K	K1	
M125-E069 NDWS840AS0200-DB	1890	18	105	840	720	149	99	590	95	28	50	6068045
M125-E130 NDWS840AS0400-DB	3780	34	111	840	1330	149	99	1200	95	30	630	6068046
M125-E160 NDWS840AS0450-DB	4730	42	112	840	1630	149	99	1200	95	30	770	6068047

M125-E ... MPO-RF-DB

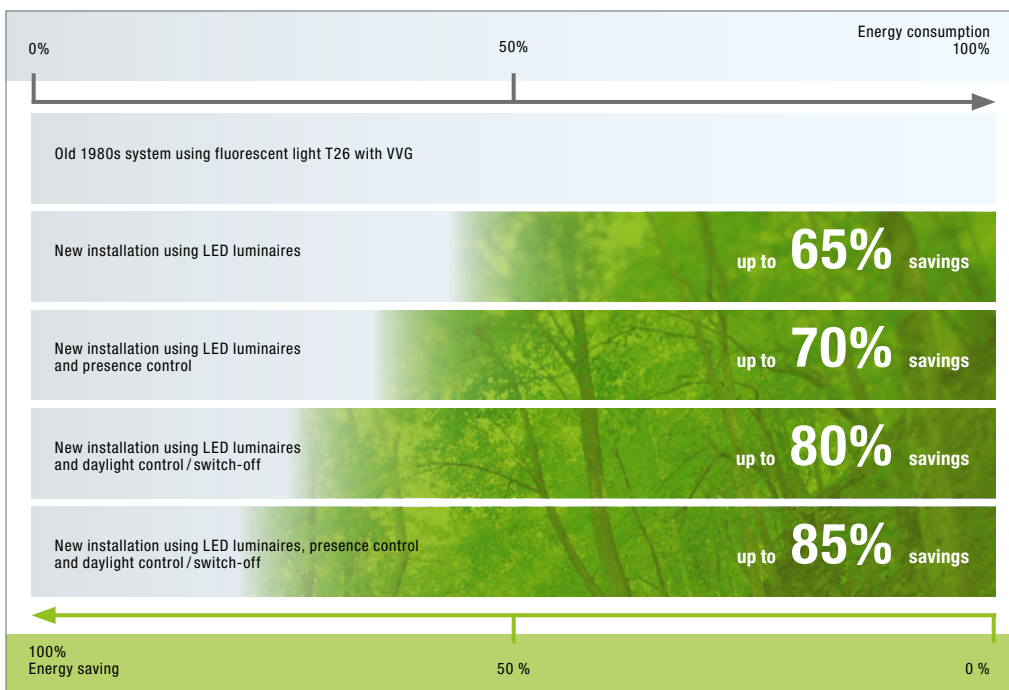
The MPO cover is a transparent synthetic glass pane made of UV-resistant and impact-resistant PC with a micro-prism structure to ensure glare control for use in areas around railway tracks. The surface on the outsides of the cover is smooth. Additional opal structure on the inside for homogeneously illuminated micro-prism lens.
The DB approved version uses a 10 kV transient filter.

Type	Leuchtenlichtstrom [lm]	Leuchtenleistung [W]	Leuchteneffizienz [lm/W]	Lichtfarbe	Maße [mm]							el. Konv. Art-Nr.
					L	B	H	A1	A2	K	K1	
M125-E069 NDWS840MPO0225-DB	2020	18	112	840	720	149	99	590	95	28	50	6068073
M125-E130 NDWS840MPO0400-DB	4080	34	120	840	1330	149	99	1200	95	30	630	6068074
M125-E160 NDWS840MPO0500-DB	5040	42	120	840	1630	149	99	1200	95	30	770	6068075

DALI lighting control & DALI safety luminaire monitoring

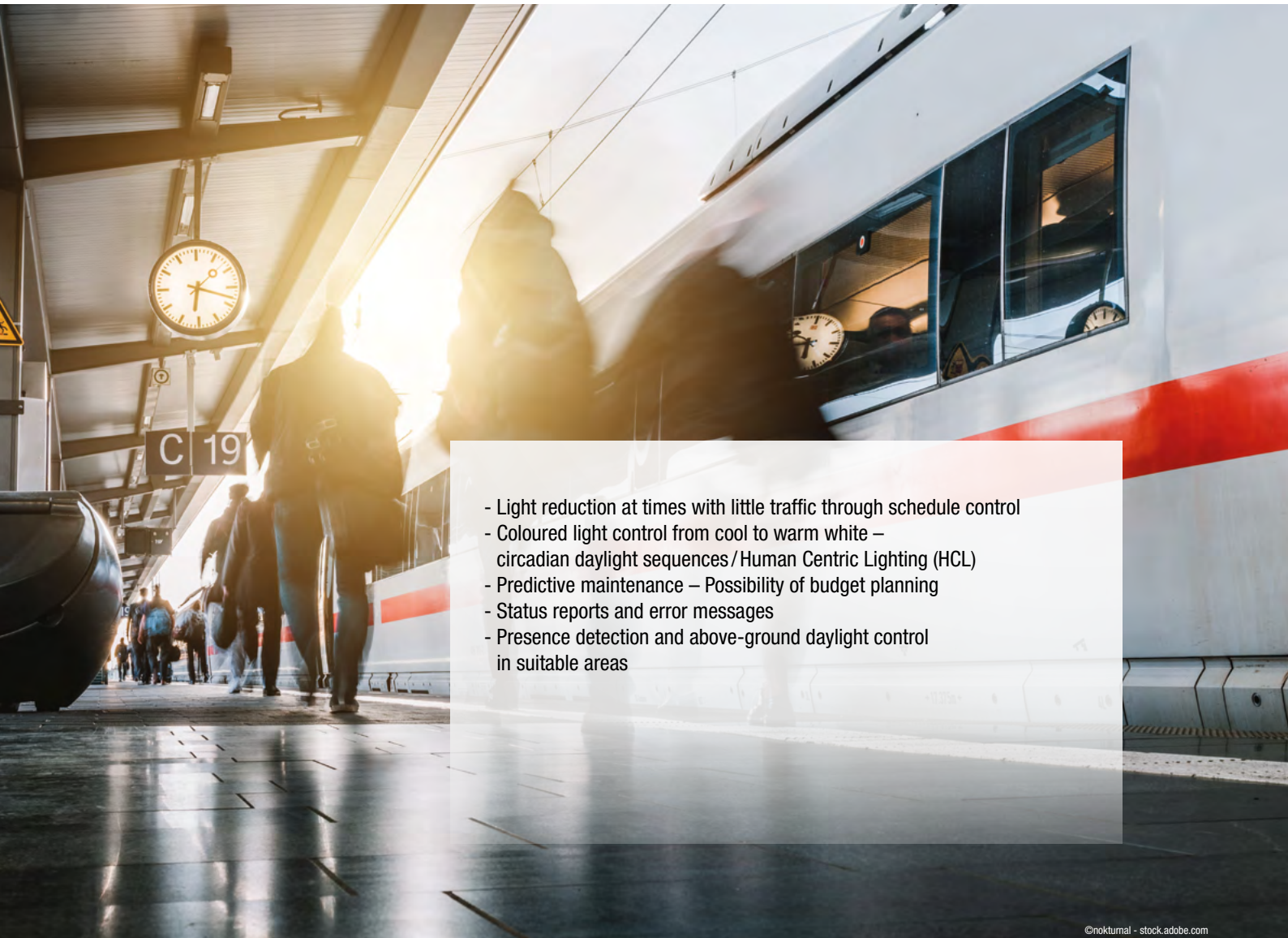
According to industrial standard

Why use DALI lighting control for public transport?



- Energy saving
- Security that spare parts will be available
- Reduction of CO₂ emissions
- Significant increase in service life due to dimming of the luminaires – power reduction
- Operational safety thanks to status reports
- Flexibility and comfort

Lighting control – options for public transport

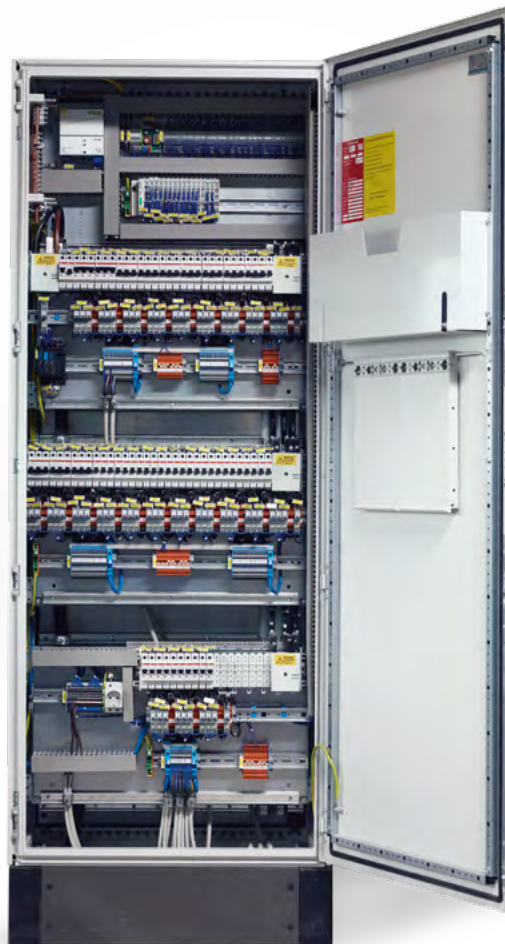


- Light reduction at times with little traffic through schedule control
- Coloured light control from cool to warm white – circadian daylight sequences / Human Centric Lighting (HCL)
- Predictive maintenance – Possibility of budget planning
- Status reports and error messages
- Presence detection and above-ground daylight control in suitable areas

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DALI lighting control & DALI safety luminaire monitoring

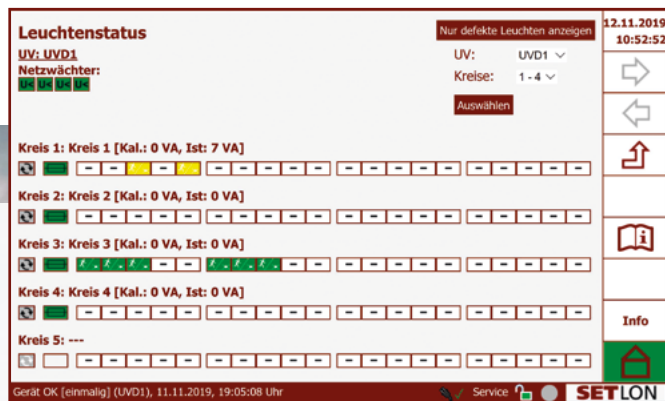
- Industrial standard PLC components
- Open system
- Lighting control and monitoring according to international DALI standard IEC 62386
- Scalability and expandability
- Security that spare parts will be available
- Connectivity
- WEB visualisations
- Inspection book (safety lighting)
- Different standby power sources (safety lighting)



DALI safety luminaire monitoring

Advantages

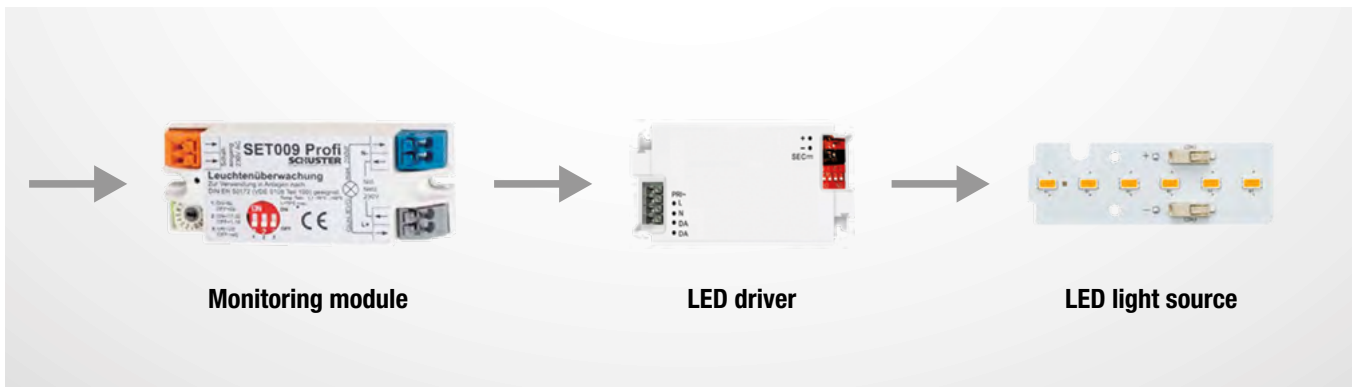
- Monitoring according to international DALI standard IEC 62386
- No additional monitoring modules within the safety luminaires
- Advantages for luminaire approval
- DALI luminaires of the same type for general and emergency lighting
- Any standard DALI luminaire can be a safety light
- Maximum flexibility thanks to adjustable illuminance level from 1 – 100 % in emergency mode (DC level)
- Simple combination of emergency luminaire monitoring & lighting control
- LED-monitoring in the most suitable place
- Industrial standard components



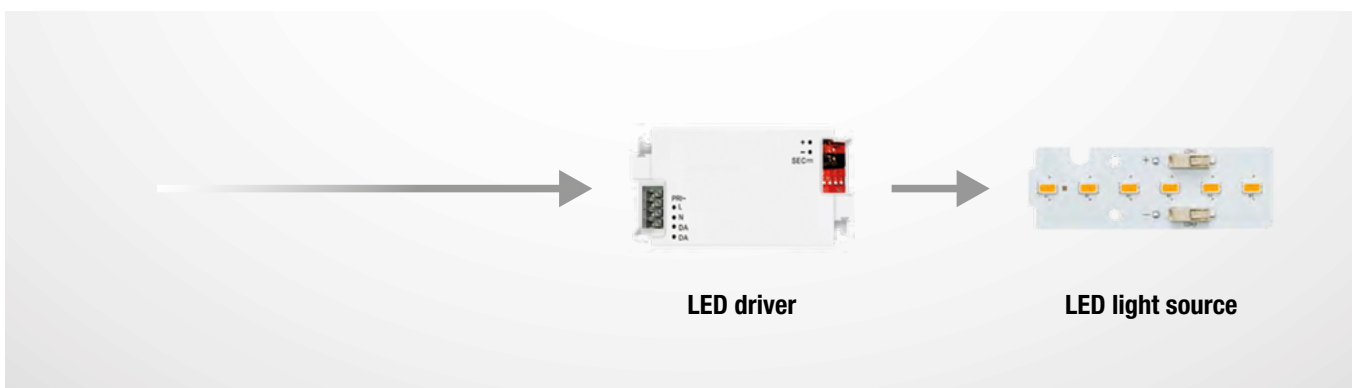
DALI safety luminaire monitoring

Any standard DALI luminaire can provide emergency lighting!
No additional monitoring modules in emergency luminaires

Standard central battery safety light:



DALI-monitored central battery-operated emergency luminaire:



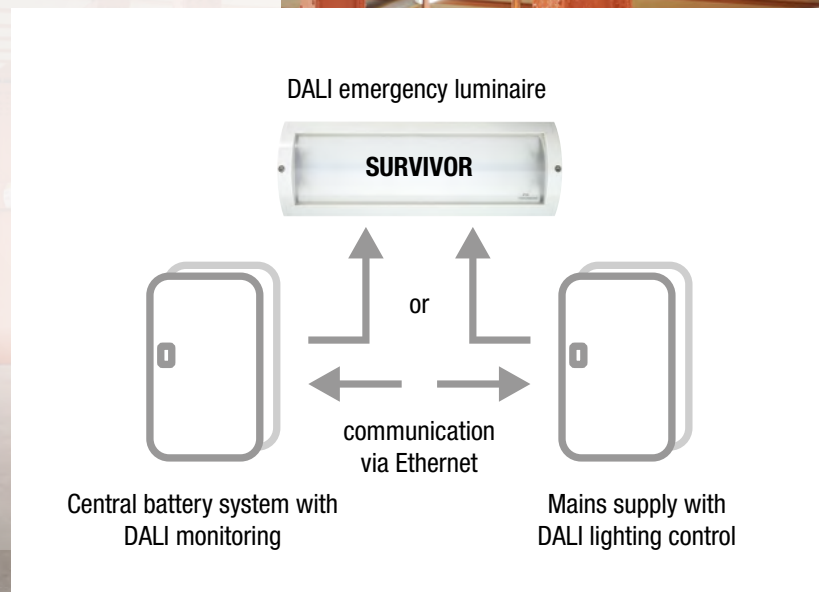
Flexibility with regard to replacement power sources

- Batteries
- Generators
- UPS systems
- Other mains supplies



Autonomous or integrated safety lighting possible

- Safety light can use mains power just like the remaining lights and is controlled by DALI
- Safety light is wired monitored through DALI



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