

THORN

LIGHTING



EMERGENCY LIGHTING

2024

**LIGHT
THAT
SAFELY
GUIDES**

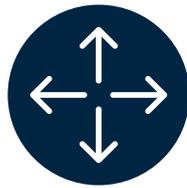
WE MAKE LIGHT WORK



WHY CHOOSE THORN EMERGENCY LIGHTING?

The purpose of emergency lighting is to allow people to make their way safely out of buildings in the event of an emergency, for example during a black out. In these situations, lighting can save lives and keep people calm. It goes without saying that emergency lighting must comply with all relevant rules and regulations. But the best emergency lighting goes further, incorporating flexible luminaires with ease of installation and maintenance, long life and energy efficiency. Thorn's 95 years of experience and reputation for quality are your guarantee of an optimal emergency lighting solution.

SAFETY, SIMPLICITY AND PERFORMANCE



UNIVERSAL MOUNTING

A variety of mounting options for ceilings and walls, so luminaires fit into any architectural setting



FLEXIBILITY OF APPLICATION

Many Thorn safety luminaires can also be used as illuminated safety sign luminaires, giving customers maximum flexibility



HIGH EFFICIENCY

The latest LED technology contributes to the high efficiency of Thorn's emergency lighting products



TIME-SAVING

Easy installation, maintenance, testing and operation saves users time and money



BATTERY WARRANTY

In addition to the 5-year product warranty of our emergency luminaire range, Thorn now offers a new 3-year warranty for our emergency luminaire battery packs*

* Not including TwinSpot

CHOOSE GENUINE EMERGENCY LIGHTING PRODUCTS FROM THORN

The Thorn emergency lighting products are designed, tested and made specifically for the purpose of emergency lighting. With the electrician in mind, Thorn provides innovative, easy-to-use products that can save time and money during installation. Thanks to the flexible approach of every luminaire the product portfolio is easy to oversee and understand. Thorn's emergency lighting luminaires are also covered by a 5-year warranty*, giving users peace of mind.

PRODUCT STANDARDS

With over forty years experience in emergency lighting manufacturing, Thorn only offers products that are designed, manufactured and tested to meet the latest European standards regarding safety and EMC, including:

EN 60598-1
EN 60598-2-22
EN 62471
EN 55015
ISO7010

Thorn produces specifically designed emergency luminaires to comply with these increasingly stringent requirements. Thorn only uses high-quality components, such as diffusers and batteries, to ensure optimum performance in all situations and full compliance with the full range of standards and regulations.

Thorn emergency fittings are tested in independent and internal test houses to make sure that these high quality standards can be achieved. Regulations on electromagnetic compatibility (EMC) state that luminaires should not emit or be susceptible to electro-magnetic radiation above certain designated levels. All Thorn emergency fittings comply with these requirements. In addition to providing ldt., Dialux and Relux files for our safety luminaires, we offer the spacing values. These spacing values make it very easy to plan the emergency lighting design scheme for your individual situation, even on site.

European law requires that the person responsible for a building makes sure that people can safely leave the premises if the mains power fails, by putting in place emergency lighting that comes on automatically when a lighting circuit loses power. The law dictates the level of lighting required in the event of an emergency, as well as the visibility of exit signage and the time it takes for emergency luminaires to come on.

Emergency lighting falls into two categories: emergency **escape lighting** illuminates exit routes and open areas. Exit routes must be clearly lit and signed to make sure people can evacuate safely. Open-area lighting is designed to reduce confusion and panic, while at the same time ensuring visibility of the nearest exit route. Escape lighting also enables employees to shut down sensitive or potentially dangerous processes before evacuating the building. **Standby lighting** allows normal activities to continue if the main lighting fails.

* batteries handled separately

TESTING OPTIONS

MAINTAINING YOUR EMERGENCY LIGHTING

Once an emergency lighting scheme is designed and installed, the person responsible for the building has a legal obligation to make sure that all the emergency luminaires will operate when required. Emergency light fittings must be regularly tested to confirm that they will operate when needed. As a pioneer in the field of emergency lighting, Thorn offers three different ways of testing emergency lighting:



CONTROL TEST

Emergency light fittings are controlled by a central system. This system automatically tests each luminaire and stores the results for analysis. Control test systems are the best way of ensuring a fully functional emergency lighting scheme, particularly in larger applications.

With selected models of Voyager, it is now possible to perform control tests wired and wirelessly.

Abbreviations for self-contained luminaires:



Abbreviations for central supplied luminaires:



AUTO TEST

All the emergency lights are equipped with an intelligent processor that automatically tests functionality and battery life. Results are shown by a two-colour LED indicator. Auto test is an ideal option for small to medium-sized applications.

Abbreviations for self-contained luminaires:



MANUAL TEST

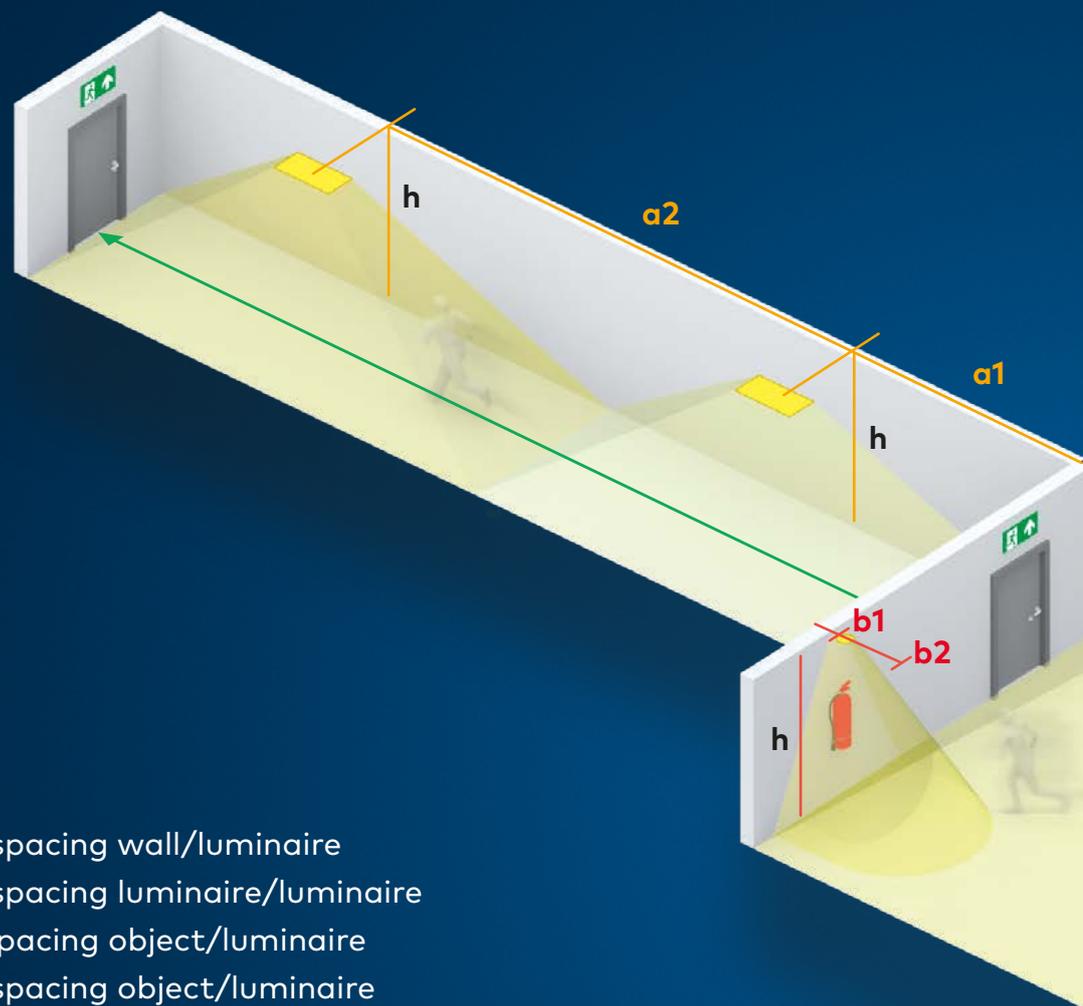
A competent individual must walk around the building and perform a manual check on the functioning of each emergency fitting, before logging the results on a dedicated record sheet. This needs to be completed by hand and stored ready for inspection by safety authorities.

Abbreviations for self-contained luminaires:



SPACING FOR EMERGENCY LUMINAIRES

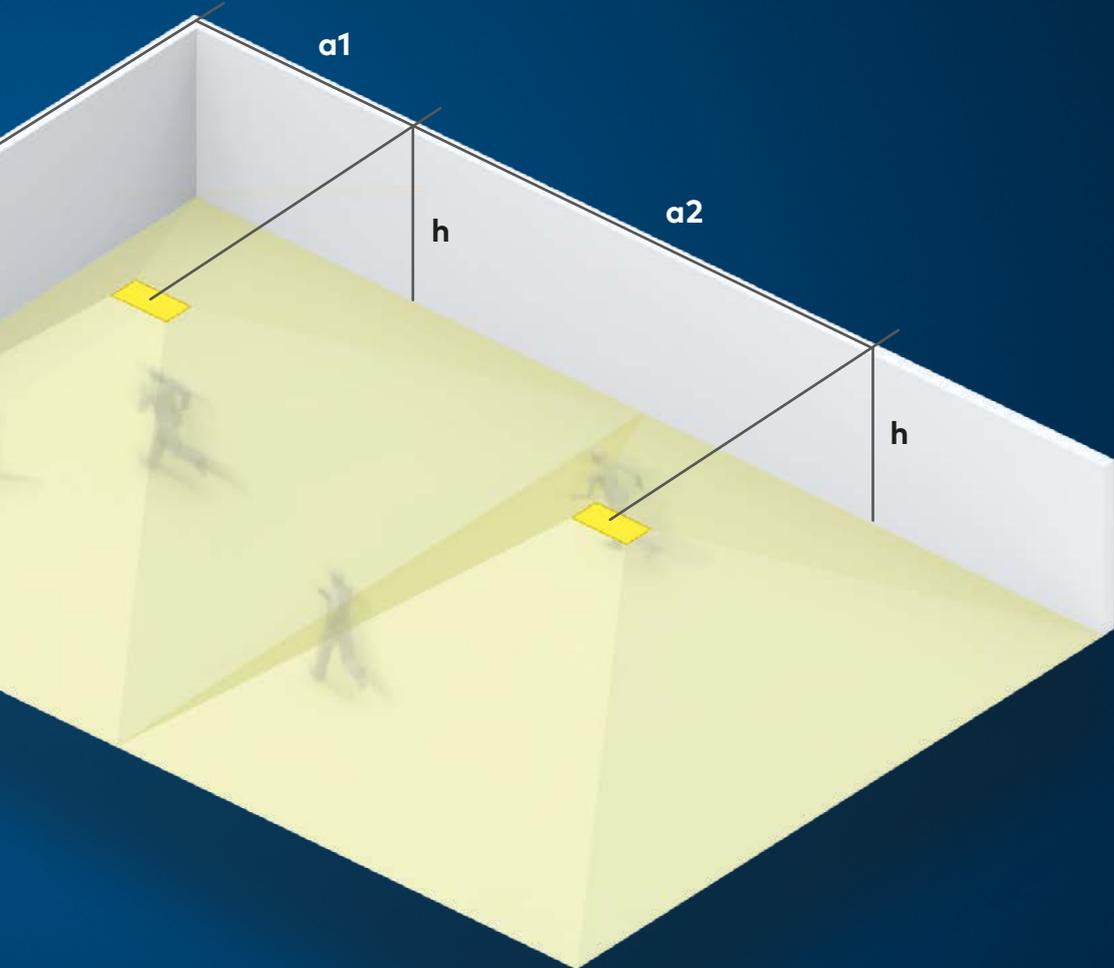
THORN EMERGENCY LIGHTING



- a1 = maximum spacing wall/luminaire
- a2 = maximum spacing luminaire/luminaire
- b1 = minimum spacing object/luminaire
- b2 = maximum spacing object/luminaire

h = ceiling height

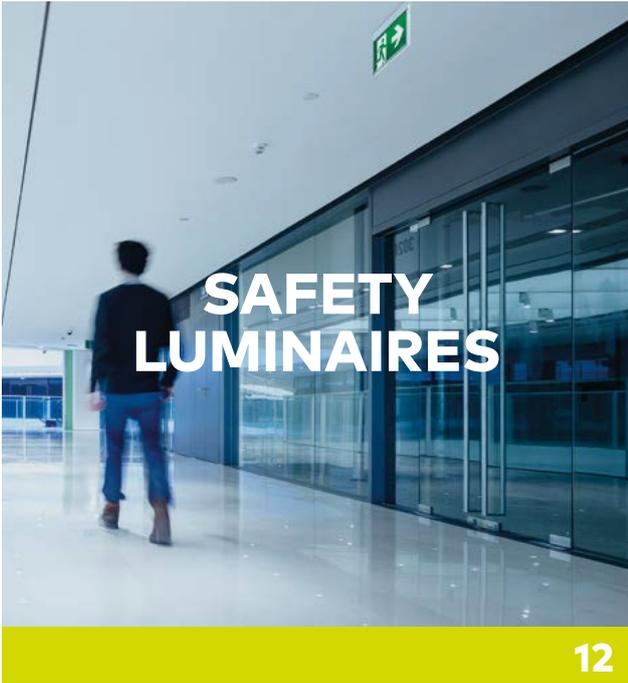
These illustrations show how to interpret the spacing tables.



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**SAFETY
LUMINAIRES**

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VOYAGER

STARTER





**Performance, flexibility
and intelligence.**

VOYAGER STAR



Safety Luminaire

Voyager Star stands for cutting-edge performance – a light technology that adapts to every building situation, flexible mounting options and a perfectly discreet appearance. Integrated PROset functionality (E1D / E3D version) offers a true digital interface and lays the foundation for new possibilities in configuration, addressing and maintenance.

BENEFITS



HIGH PERFORMANCE

Thanks to its specialised optics, Voyager Star sends light exactly where it is needed in the event of an emergency. Due to wide spacing values, luminaires can be saved when compared to other solutions and the overall project costs are reduced.



FLEXIBLE

Voyager Star can be used in a wide variety of mountings. As well as the unobtrusive recessed version, which integrates discreetly with ceilings, the luminaire is also available in a surface mounted version.



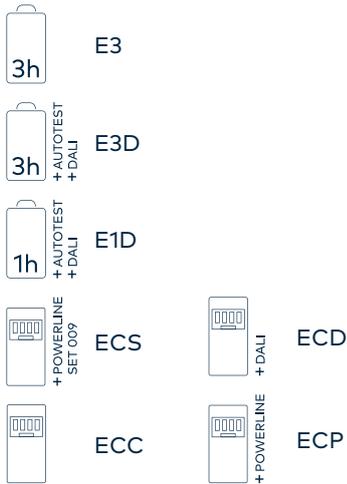
INTELLIGENT

Beside easy configuration and addressing of the luminaire by using the PROset Tools, the luminaire can also be connected to the LITECOM, emCON or SB128 controller (E1D / E3D versions). Additionally, central battery versions are available.



THORNLIGHTING.COM/VSTR

POWER SUPPLY

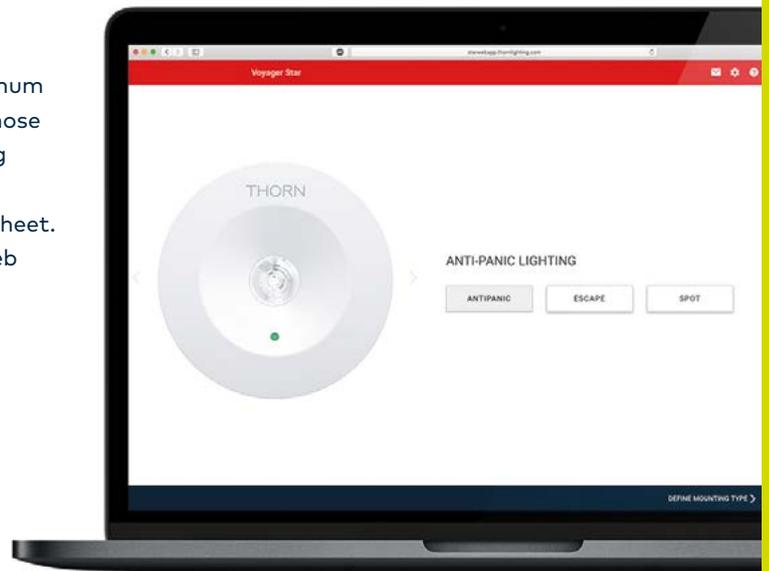


MOUNTING



VOYAGER STAR APP

The VOYAGER Star app makes emergency lighting planning a breeze: after only three clicks, the maximum mounting distances between two luminaires and those for the wall are displayed for the selected mounting height. For further information, the automatically displayed article number links directly to the data sheet. The app works on desktop and laptop computer web browsers, as well as an app for smartphones (iOS and Android).



VOYAGER

LED



2x20-20WV 501650VZ
X 0 ABCE1 190
1st. 5°C 30°C
Made in UK
DALI
CE



Super compact, long-lasting,
easy to use.

VOYAGER FIT



Safety Luminaire

Voyager Fit is a super-compact emergency luminaire for flexible installation in and on ceilings. The recessed version is just 51 mm in diameter, requiring a ceiling hole of only 43 mm and a void height of just 80 mm. The surface mounted version is available in two heights. In cases of cable entries only from the back, it is just 32 mm high. Voyager Fit comes with three interchangeable lenses (antipanic, escape and spot), which can be rapidly fitted. The product features a lithium iron phosphate battery, which comes with three-year warranty.

BENEFITS



LONG-LASTING

Self-contained emergency luminaires rely on long-lasting batteries. Voyager Fit's high-tech lithium iron phosphate battery is robust and comes with a three-year warranty, providing the needed safety and giving users peace of mind.



SUPER SMALL

Working out where to install emergency luminaires in certain buildings can be a challenge. Voyager Fit is so small and because it only requires an 80 mm ceiling void it can be placed almost anywhere with very little impact on the appearance of ceilings. Voyager Fit can also be surface mounted. It is available in two colours, black and white, and with two housing heights, to achieve flexibility in many applications.



INTERCHANGEABLE LENSES

Voyager Fit's interchangeable lenses make it easy to get the light distribution you need in the actual situation on site. Don't worry upfront about different needed variants, just fit the required lens once decided.



THORNLIGHTING.COM/VOYF



POWER SUPPLY



E3



E3T



E3D

MOUNTING



MRC



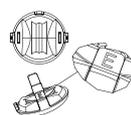
MSC

Voyager Fit – Antipanic Lens



h	antipanic (0.5 lx)	
	a1	a2
2.50	3.70	10.70
3.00	3.70	11.75
3.50	3.70	12.75
4.00	3.55	13.70
4.50	3.50	14.20
5.00	3.35	14.65

Voyager Fit – Escape Lens



h	escape (1 lx)	
	a1	a2
2.50	4.65	11.55
3.00	4.70	12.55
3.50	4.95	13.20
4.00	5.15	13.25
4.50	5.30	13.65
5.00	5.40	14.05

Voyager Fit – Spot Lens



h	spot (5 lx)	
	b1	b2
2.50	0.25	0.6
3.00	*	*
3.50	*	*
4.00	*	*
4.50	*	*
5.00	*	*

All values in metres, all values for $t_a = 30^\circ\text{C}$, maintenance factor = 0.8

*Determine a1 / a2 / b1 / b2 figure by means of lighting calculation (taking adjacent luminaires into account)

VOYAGER

TWIN



Flexible, durable, strong.



THORN

VOYAGER TWIN SPOT



Safety Luminaire

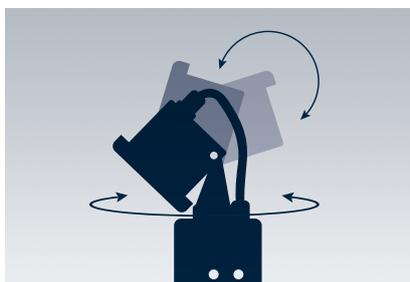
The Voyager Twin Spot features exceptional functionality. The components are enclosed in an IP65-rated housing that offers the best possible protection for every environmental condition. For convenient installation, there are prepared cable openings and well accessible terminals. In addition to the low weight, the Voyager Twin Spot can be configured for any application using the two adjustable light heads.

BENEFITS



THE LIGHTEST IN ITS CLASS

With changing the battery technology and a resulting weight of just 1.7 kg and a depth of 87 mm, Voyager Twin Spot is now one of the lightest and slimmest twin spot luminaires on the market, making installation easy for electrical contractors.



FLEXIBLE

Thanks to its two rotatable and tiltable LED light heads, Voyager Twin Spot can be customised to the needs of every application. Even if requirements change, the luminaire can be easily reconfigured without having to change or replace anything.



PROTECTED

Voyager Twin Spot is rated IP65 for protection against moisture and dust, so that it can be used in a variety of settings. A DALI version is also available for connection to emergency lighting systems such as LITECOM or SB128, for more sophisticated safety management.



THORNLIGHTING.COM/VOYT



POWER SUPPLY



E3



E3X

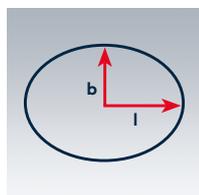
MOUNTING



MSW

Voyager Twin Spot Ant, Min 0.5 lx

head angle 45°			
h [m]	l [m]	b [m]	A [m ²]
2.5	3.8	3.9	46.6
3	4	4.2	52.8
4	4.4	4.4	60.8
5	4.5	4.4	62.2
6	4.4	4.2	58.1
7	4.1	3.7	47.7
8	3.5	2.9	31.9



The values given are to be seen as reference values of the luminaire spacing and are not a basis for a lighting design. The lighting design of the luminaire must be carried out with Dialux or an equivalent program.



ADAPTABLE SAFETY LUMINAIRES

28 VOYAGER ONE



32 VOYAGER SOLID



VOYAGER

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N

WE





The only ONE.

VOYAGER ONE

With Voyager One, we have introduced a platform for emergency luminaires rather than a single luminaire. When delivered, the basic luminaire is an IP65 safety luminaire. It can easily be converted into a safety sign luminaire and also adapted to all possible conditions with optional accessories. Who says you need hundreds of article codes – you can get the job done with one luminaire.

BENEFITS



STYLE AND STRENGTH

Voyager One is an ultra-slim emergency luminaire that also achieves high levels of protection. The luminaire balances a simple blade appearance with IP65 protection against dust and moisture. Who says you can't have elegant design in demanding environments?



PRACTICAL

Thorn stands for quality and practical products. With this in mind, we make sure installation of luminaires is as simple as possible. The screw-free housing is easy to assemble, and accessories such as pictogram inserts and the recessed adapter can just be clicked in.



TWO BECOME ONE

As well as being a high-performing safety luminaire, Voyager One can also fulfil the requirements of a safety sign luminaire. It's two products in one.



THORNLIGHTING.COM/VOYO

 Safety Luminaire



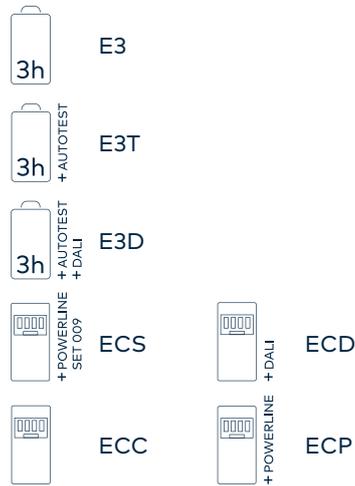
 Safety Sign Luminaire



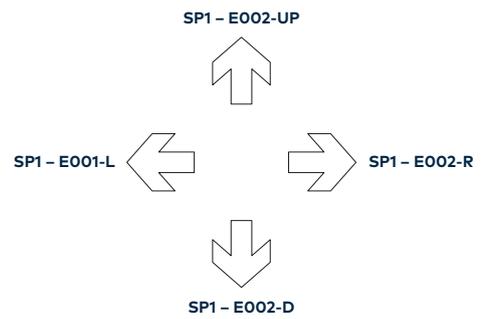
MOUNTING



POWER SUPPLY



ARROW DIRECTIONS ONE-SIDED



Voyager One HP

h	antipanic (0.5 lx) – no lens		antipanic (1 lx) – no lens		escape (1 lx) – escape lens	
	a1	a2	a1	a2	a1	a2
2.50	4.00	10.95	3.95	10.85	9.60	23.50
3.00	4.80	13.15	4.25	12.20	10.70	25.10
3.50	5.55	15.30	4.50	13.30	11.75	27.05
4.00	5.85	16.65	4.75	14.20	12.55	29.30
4.50	6.15	17.85	4.95	15.00	13.25	31.45
5.00	6.45	18.90	5.15	15.70	13.40	33.40

h	antipanic (0.5 lx) – hc lens		antipanic (1 lx) – hc lens	
	a1	a2	a1	a2
28.00	7.35	24.65	4.80	19.55
29.00	7.35	25.00	4.65	19.75
30.00	7.35	25.30	4.50	19.90
31.00	7.35	25.60	4.30	20.05
32.00	7.35	25.85	4.15	20.20
33.00	7.30	26.15	3.90	20.35

VOYAGER

SOLED



The bulkhead that makes
emergency lighting easy.



VOYAGER SOLID



THORNLIGHTING.COM/VYSO



NEW: Wireless communication variants available

Available in small or large versions with a consistent design, Voyager Solid provides an even, homogenous light distribution. Easy to install and configure, Voyager Solid can be used as a recessed and surface mounted luminaire on walls and ceilings. The fitting is rated IP65 for use in a variety of locations. The Voyager Solid large variants with higher lumen packages can be used as safety luminaires at higher ceiling mountings and in special markets, where specific light outputs are requested. Voyager Solid's emergency pictograms are printed on inlets that are inserted and protected inside the luminaire.

BENEFITS



CHANGEABLE INLETS

Instead of being stuck on to the exterior of the fitting, Voyager Solid's pictograms are on inlets placed inside the luminaire, making them more durable, faster to exchange and more homogeneous in illumination.



MULTIPLE MOUNTINGS

Whatever type of building you're working in, and whatever variety of spaces you're dealing with, Voyager Solid provides a consistent solution from a single product. The luminaire can be used as a wall-mounted, ceiling-mounted or semi-recessed luminaire.



TESTING OPTIONS

Regular testing of emergency lighting is vital in order to keep buildings safe and compliant with regulations. Tests can either be performed manually or through a self-test system. Voyager Solid is available in control test, auto test and manual test versions, and additionally as self-contained and central battery supplied versions.



Safety Luminaire

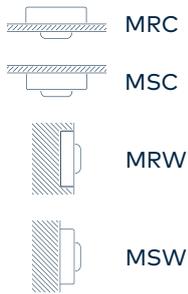


Safety Sign Luminaire

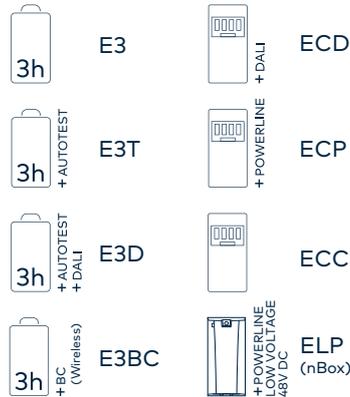


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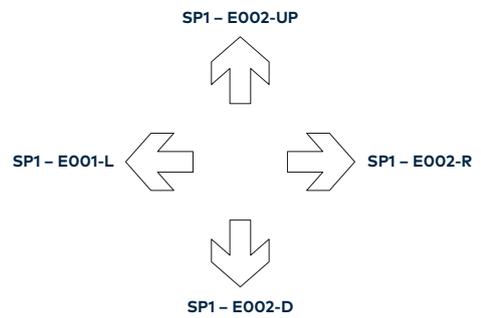
MOUNTING



POWER SUPPLY



ARROW DIRECTIONS ONE-SIDED



Solid with Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	1.95	6.95	1.85	5.50
3.00	2.10	7.40	1.65	5.50
3.50	2.10	7.70	1.10	5.35
4.00	1.90	7.95	*	5.00
4.50	1.75	8.00	*	3.70
5.00	1.55	7.85	*	2.40

Solid without Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	2.65	8.00	2.90	7.50
3.00	2.75	8.75	2.95	7.95
3.50	2.85	9.25	2.90	8.25
4.00	2.95	9.75	2.80	8.35
4.50	2.90	10.15	2.60	8.35
5.00	2.90	10.50	2.20	8.20

Solid L with Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	1.95	6.70	1.85	5.55
3.00	1.95	7.05	1.65	5.55
3.50	1.90	7.30	1.15	5.35
4.00	1.75	7.55	*	5.00
4.50	1.50	7.70	*	3.80
5.00	1.15	7.85	*	2.40

Solid L without Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	2.00	11.35	*	5.75
3.00	1.05	11.75	*	3.10
3.50	*	11.00	*	*
4.00	*	10.10	*	*
4.50	*	8.85	*	*
5.00	*	7.50	*	*

Solid L HP with Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	4.2	12.6	4.7	11.6
5	5.5	17.1	5.7	14.9
10	5.9	20.7	4.0	16.0
15	3.5	20.1	*	*
20	*	*	*	*

Solid L HP without Opal Inlet

h	antipanic (0.5 lx)		escape (1 lx)	
	a1	a2	a1	a2
2.50	4.0	11.3	5.3	13.2
5	6.6	19.7	7.1	17.9
10	8.0	25.7	7.5	21.7
15	7.6	27.8	2.2	20.7
20	4.2	27.3	*	*

FROM SAFETY



VOYAGER



VOYAGER

TO SAFETY SIGN

ONE



SOLID





SAFETY SIGN LUMINAIRES

40 VOYAGER STYLE



46 VOYAGER SIGMA



50 VOYAGER BLADE 2



54 VOYAGER SQUARE



VOYAGER

STYLÉ





Stylish yet strong.

VOYAGER STYLE



THORNLIGHTING.COM/VYST



Safety Sign Luminaire

At just 37 mm thick, Voyager Style is slim and unobtrusive. As well as self-contained versions it is also available for central battery systems. It can be easily mounted on ceilings or walls within the scope of delivery. With an adapter, recessed mounting is also possible for the sleekest possible look. Voyager Style is rated IP43* for protection against dust and moisture, making it a versatile solution.

*surface mounted versions

BENEFITS



ULTRA-SLIM

Voyager Style shows that emergency luminaires don't have to be bulky or obtrusive. At just 37 mm thick, this fitting can blend into any interior, and can be mounted in a variety of configurations. This luminaire is clear and bold when needed, while also being discreet.



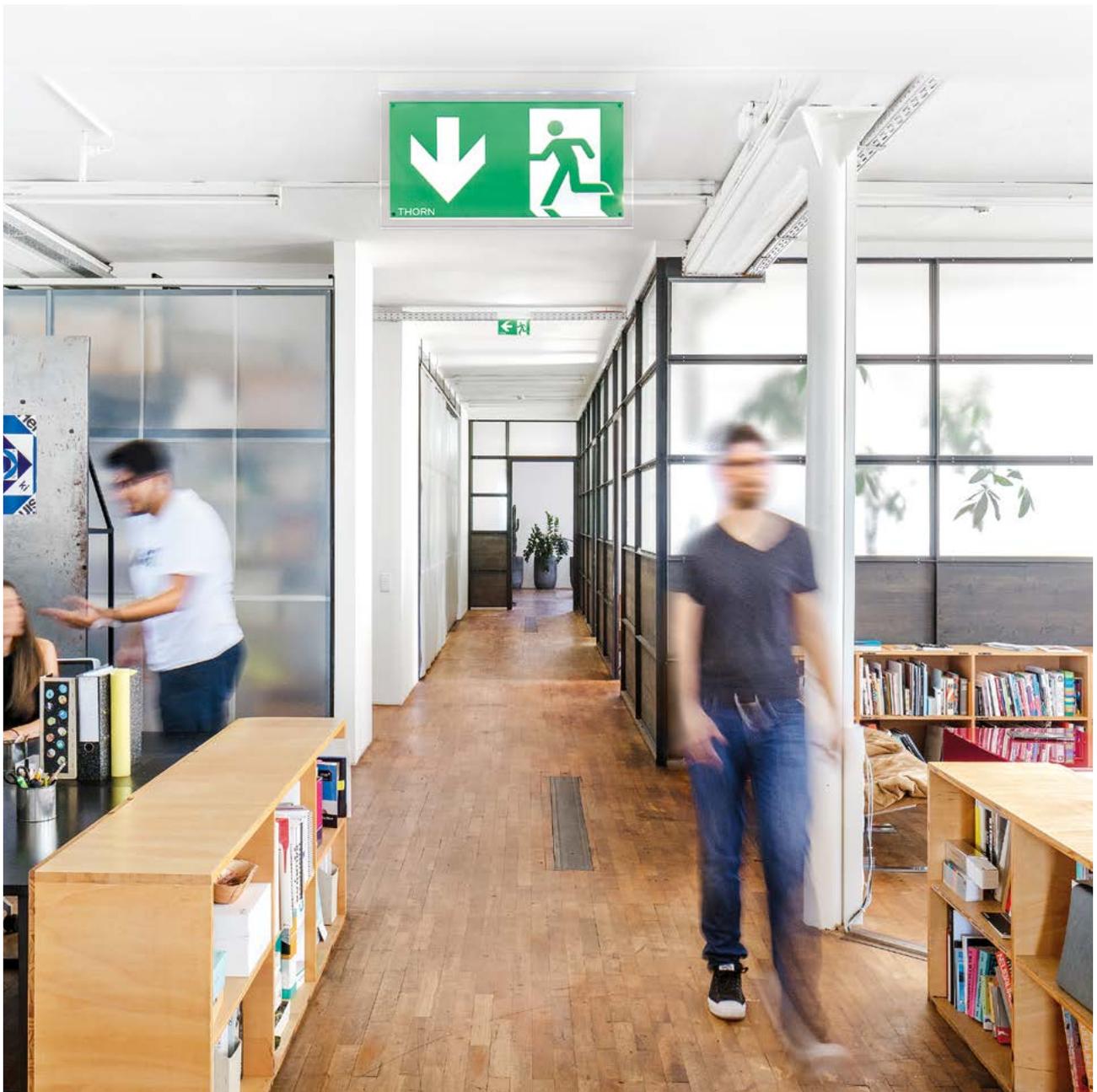
POWER SUPPLY OPTIONS

Whether your emergency lighting system relies on self-contained luminaires or a central battery system, Voyager Style meets your needs. For self-contained systems, the three-hour versions of control test, auto test and manual are available.

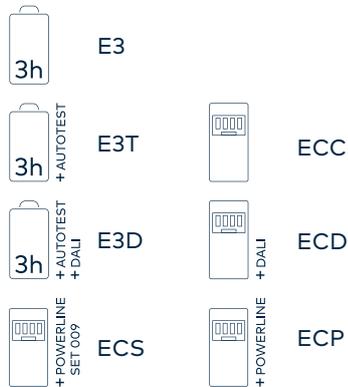


SLEEK AND SIMPLE

The wide range of mounting options means Voyager Style can fit in wherever you need emergency light. The sleek mounting option makes for a particularly unobtrusive appearance especially when combined with the cord suspended pictogram.



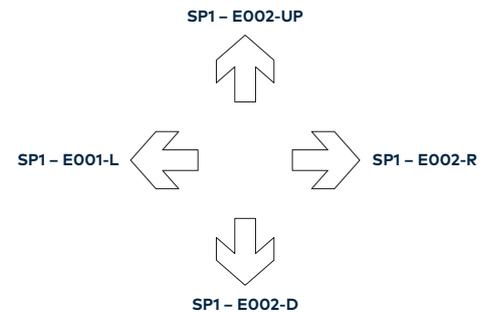
POWER SUPPLY



MOUNTING



ARROW DIRECTIONS SINGLE AND DOUBLE-SIDED







VOYAGER

SIGMA





The electrician's choice.

VOYAGER SIGMA



THORNLIGHTING.COM/VSIG



Safety Sign Luminaire

Thorn offers the Voyager Sigma with electrical installers in mind, which is designed for simple and hassle-free installation. We provide a large terminal compartment, ready-to-insert pictograms and the placement of the electronics on a fold-out panel, just to name a few benefits. Voyager Sigma, therefore, reduces installation and maintenance effort and associated costs.



BENEFITS

PLENTY OF SPACE

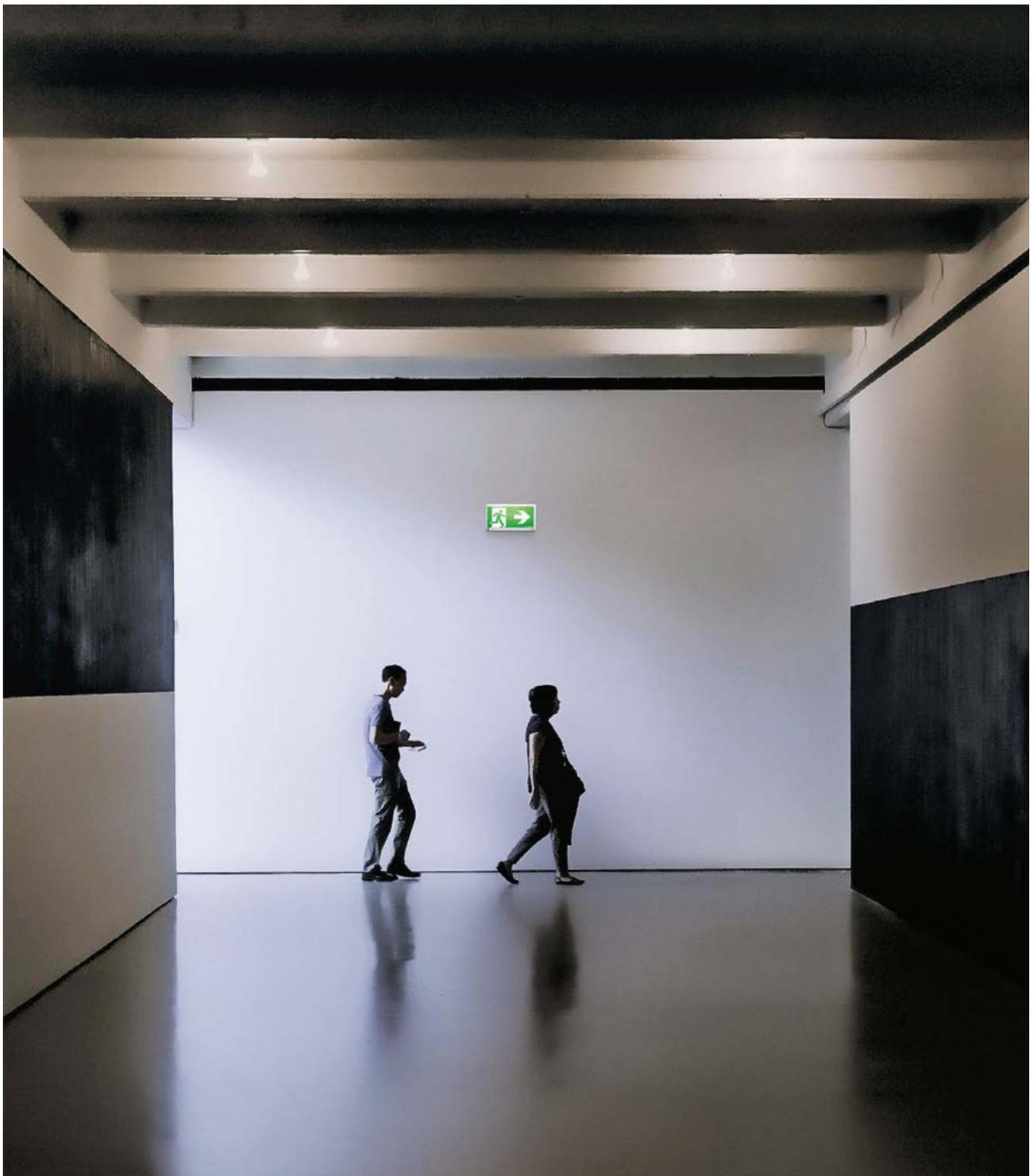
Thanks to its large terminal compartment, Voyager Sigma is loved by electricians. The terminals are easy to reach and make for quick and hassle-free connection. Even over-length cables can be stowed comfortably inside the luminaire.

EASY PICTOGRAM MOUNTING

Protected inside the luminaire, the pictogram inlets according to ISO 7010 are easy to install and change if required. The cover can be opened without tools and the pictograms can therefore be fitted very quickly and precisely.

EASY ACCESS ELECTRONICS

The electronics and the battery are mounted on a fold-out panel, making commissioning and maintenance easier, as the different components can simply be folded in and out. To fold-out the panel only one screw needs to be loosened.



MOUNTING



MSW

POWER SUPPLY

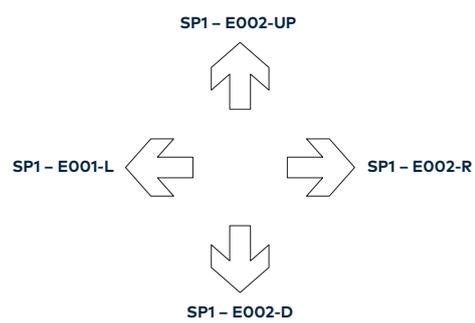


E3



E3D

ARROW DIRECTIONS ONE-SIDED





BLA



Sleek and simple.

VOYAGER DE 2

VOYAGER BLADE 2



THORNLIGHTING.COM/VOB2



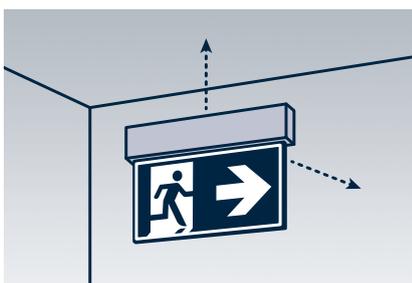
Safety Sign Luminaire



NEW: Wireless communication variants available

Voyager Blade 2's versatile base housing is robust and easy to mount on walls and ceilings. The base housing is identical for both recognition ranges reducing the complexity to identify the right accessory for different mounting options such as recessed installation or suspension. Extending the flexibility even further all pictograms (Up, Left, Right, Down) are included in the scope of delivery.

BENEFITS



FLEXIBLE MOUNTING

One luminaire, several mounting options. Thanks to its smart housing concept, the Voyager Blade 2 can be flexibly surface mounted to a ceiling or wall without an adapter.



CHOOSE ON SITE

Are different autonomy durations needed because of local requirements? Voyager Blade 2 is the perfect choice, offering a selectable autonomy duration of 1/2/3/8h (for manual and autotest) by changing the DIP switch setting. The working mode, maintained or non-maintained, is selectable via DIP switch as well.



SLIM FORMAT WITH GREAT LIGHT DISTRIBUTION

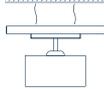
The very thin acrylic frame is almost invisible from the side, but offers a homogeneous appearance from the front due to a special print with a gradient that diffuses the light optimally.



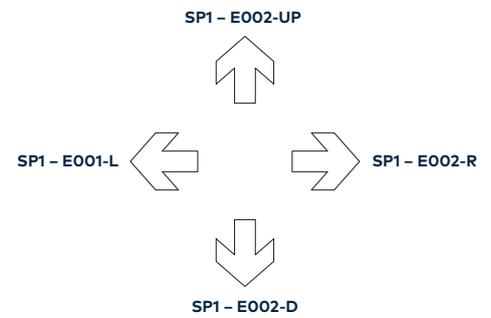
POWER SUPPLY

- | | | |
|---|------|---|
|  | E1 | |
|  | E2 | |
|  | E3 | |
|  | E8 | |
|  + AUTOTEST | E1T | |
|  + AUTOTEST | E2T | |
|  + AUTOTEST | E3T |  |
|  + AUTOTEST | E8T |  |
|  + AUTOTEST + DALI | E3D |  |
|  + BC (Wireless) | E3BC |  |
- + POWERLINE
LOW VOLTAGE
24V DC

MOUNTING

-  MRC
-  MSC
-  MSC - CORD25
-  MSW
-  MS90°
-  CONTUS

ARROW DIRECTIONS SINGLE AND DOUBLE-SIDED



SQUU

**Strong, smooth and
highly protected.**

VOYAGER

ARE



VOYAGER SQUARE



THORNLIGHTING.COM/VYSQ



Safety Sign Luminaire

Voyager Square is a robust wall mounted exit sign that can be used for many applications thanks to its IP65 protection and IK10 rating. The square shaped exit sign can be seen from up to 44 m distance which makes it suitable for many applications like production halls, logistics, car parks or DIY stores. Mounting, maintenance, and cleaning can be done at minimum effort. Voyager Square comes in two types. Self-contained luminaires with Autotest/DALI-test function and central battery versions. The self-contained versions are operated by lithium iron phosphate batteries. Thanks to the integrated PROset functionality, the luminaires can be addressed, configured and maintained easily over NFC via the PROset Pen or PROset App. With a luminance level of 500 cd/m² in the white area, Voyager Square fulfills also the highest standards regarding illumination (acc. to DIN 4844).

BENEFITS



SUSTAINABLE LUMINAIRE

The newest lithium iron phosphate batteries ensure a long-lasting, cadmium free operation of the luminaire. If needed, components like ballast and battery can be easily exchanged.



ROBUST AND FLEXIBLE

Voyager Square is very robust and can therefore be used for many applications. It is moisture and dust resistant (IP65) and has an extremely high impact strength (IK10 rating). The diffuser and luminaire body are made from polycarbonate. The material uses a UV stabiliser, is heat resistant and flame retardant.



CONVENIENT COMMISSIONING AND MAINTENANCE

Thanks to an integrated NFC interface, the luminaires can be addressed and configured seamlessly. Just select the right address and switching mode over the PROset Pen or PROset App, hold it to the ballast, and the luminaire is configured. Over the PROset App, additional features are available, like setting a dim level or reading out the blackbox data.



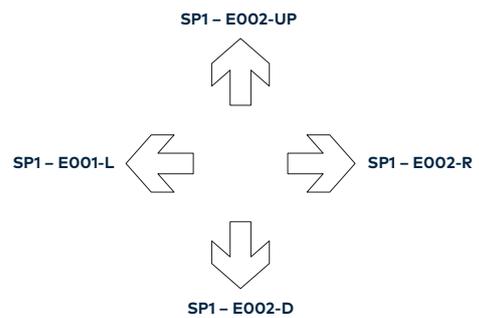
POWER SUPPLY

-  **E1D**
+ AUTOTEST
+ DALI
-  **E3D**
+ AUTOTEST
+ DALI
-  **ECD**
+ DALI
-  **ECP**
+ POWERLINE
-  **ECC**

MOUNTING



ARROW DIRECTIONS ONE-SIDED



VOYAGER PORTFOLIO OVERVIEW

SAFETY LUMINAIRES

Architectural



Voyager Star

Performance, flexibility
and intelligence.



Voyager Fit

Super compact, long-lasting,
easy to use.

Industrial IP65



Voyager Twin Spot

Flexible, durable, strong.

SAFETY SIGN LUMINAIRES



Voyager Style

Stylish yet strong.



Voyager Sigma

The electrician's choice.



Voyager Blade 2

Sleek and simple.



Voyager One

The only ONE.



Voyager Square

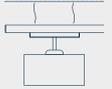
Strong, smooth and highly protected.



Voyager Solid

The bulkhead that makes emergency lighting easy.

MOUNTING OPTIONS

SAFETY LUMINAIRES						
						
		Voyager STAR	Voyager FIT	Voyager Twin Spot	Voyager One	Voyager Solid
MRC Mounting recessed ceiling		•	•		•	•
MSC Mounting surface ceiling		•			•	•
MSC-C15 Mounting ceiling chain suspension 1.5 m						
MSC-Cord25 Mounting surface ceiling cord suspension 2.5 m					•	
MSC-R05 Mounting surface ceiling rod suspension 0.5 m					•	
MS90° Mounting surface wall 90°					•	
MRW Mounting recessed wall						•
MSW Mounting surface wall				•	•	•
CONTUS Voyager mounted from Thorn Contus trunking					•	

SAFETY SIGN LUMINAIRES

					
Voyager One	Voyager Solid	Voyager Style	Voyager Sigma	Voyager Blade 2	Voyager Square
•	•	•		•	
•	•	•		•	
•		•		•	
		*MS-WF15 1.5 m			
•		•			
•		•		•	
	•				
•	•	•	•	•	•
•		•		•	

*The scope of delivery of the safety sign luminaires differ. This table does not list any accessories that may be required. Accessories may not be available in all countries. Further information can be found in the data sheets of the respective luminaire.



SYSTEMS

64 LITECOM / emCON



68 nBOX



70 eBOX

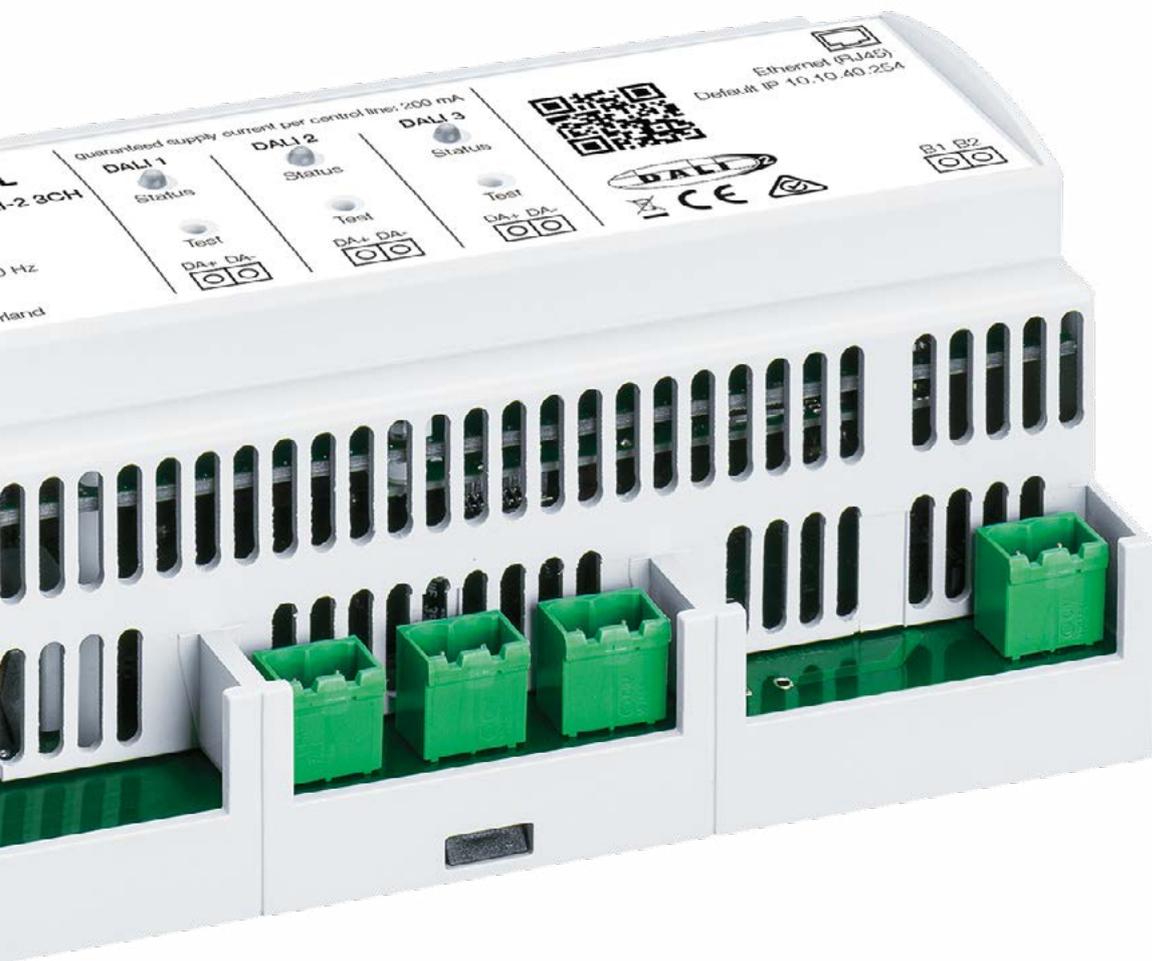


71 CPS



LITECOM LITECOM em

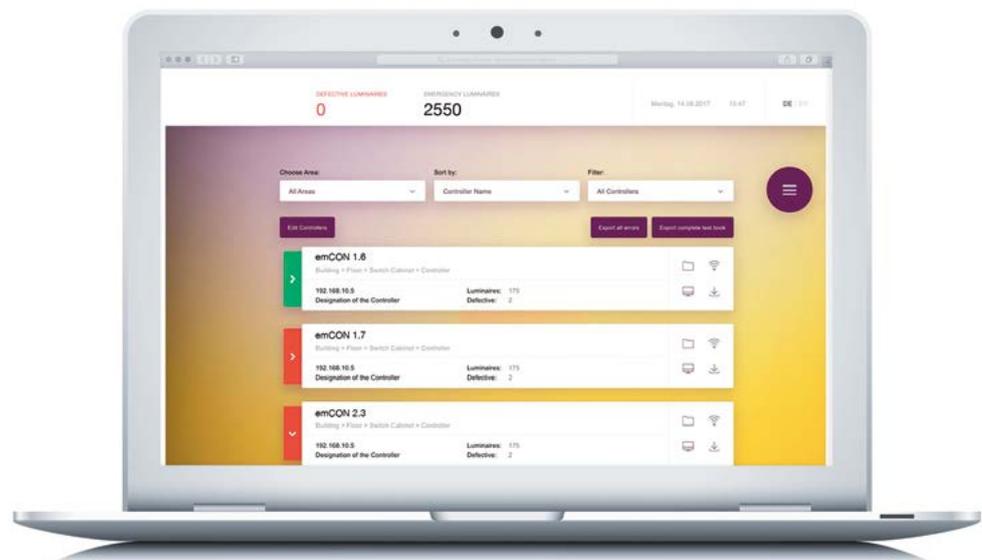




**Emergency lighting control
at your fingertips.**

LITECOM emCON

Self-contained emergency lighting systems have one feature in common: the battery that is integrated into every luminaire. This key component provides the fitting with power in the event of an emergency, helping to minimise panic, ensure the safe evacuation of the site and illuminate the escape route. This system is the perfect solution for smaller and medium-sized properties. Economic efficiency and high levels of safety make single battery systems with an emergency power supply of 1, 2, 3 or 8 hours a favourable option.





ZUMTOBEL.COM/LITECOM

SUPPORTED POWER SUPPLIES

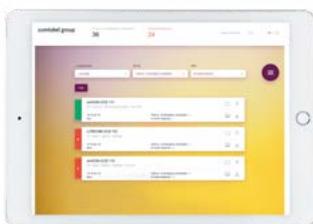


LITECOM WITH LITECOM APP FOR EMERGENCY LUMINAIRES

The small and modular LITECOM control system is extremely future-proof and space-saving in the control cabinet. With the help of the LITECOM "Emergency lighting" app, the configuration and maintenance of emergency lighting has never been easier. LITECOM monitors the system and automatically logs the test results in the internal test log. Mixed operation with general lighting is also possible here.

emCON CONTROLLER

Based on the powerful LITECOM architecture, the emCON controller is specialist technology for monitoring and controlling self-contained emergency luminaires. Up to 192 safety (sign) luminaires can be monitored per emCON controller.



emLINK SOFTWARE

The emLINK software is recommended for larger systems with more than 192 safety (sign) luminaires. With this solution, up to 200 emCON controllers can be linked and centrally managed and monitored.

SUPPORTED POWER SUPPLY



WIRELESS COMMUNICATION AS A PROBLEM SOLVER

LITECOM and emCON can now also integrate emergency luminaires wirelessly, with the help of the basicDIM Wireless DALI gateway. Up to 64 luminaires can be controlled per gateway. Up to 3 gateways are possible per controller. Mixed operation with general lighting is also possible.

A group battery system with product dimensions as small as this is rare. Yet the nBox effortlessly outshines similar systems. With 48 V low voltage, state-of-the-art communication technologies and mobile apps, technical variety is seen in its best light: Secure. Simple. And reliable.

SUPPORTED POWER SUPPLY



+ POWER LINE
LOW VOLTAGE
48V DC

ELP

nBOX





ZUMTOBEL.COM/NBOX



The eBox is a central battery system optimised for use with efficient LED technology. Energy consumption as well as the number of batteries required have been reduced to a minimum. Due to its modular design, the number of possible output circuits is increased, providing the system with maximum flexibility in order to adjust supply perfectly to each building's requirement.

SUPPORTED POWER SUPPLIES



ECC



+DALI

ECD



+POWERLINE

ECP

eBOX





ZUMTOBEL.COM/CENTRAL

SEPC

This central battery installation, which is a modular system, adjusts to any specific project and exactly meets the customer's requirements. The system communicates via Set 009, which means that each Set 009 emergency luminaire can be individually monitored and controlled. Other benefits of CPS include minimum maintenance effort, failsafe data communication and no need for additional communication modules in the luminaires.

SUPPORTED POWER SUPPLIES



+ DALI

ECD



+ POWERLINE
SET 009

ECS



ECC



ABBREVIATIONS EMERGENCY LIGHTING

VOYAGER STAR P	MRCR	ESC	E1D	SR
Product range	Installation type	Light distribution	Power supply variant	Colour

MOUNTING

M	R	C	R	-X
----------	----------	----------	----------	-----------

Installation type Surface type Remote box option

R Recessed	C Ceiling	R Remote box
S Surface-mounted	W Wall	
SR Semi-recessed	□ Flexible	
Sxx Surface-mounted xx° (wall)		

CON Contus continuous row system

OPTIONS

BP	Ball-Proof
CCS	Concrete Casting Surround
QC	Quadratic Cover
FCC	Frame Cable Ceiling
FCW	Frame Cable Wall
FSR	Frame Suspended to Recessed (mounting frame)

TYPE OF SUSPENSION XX LENGTH

WFxx Wire feed cord suspension (power supply via cord)
CORDxx Cord (with separate power cable)
Cxx Chain
Rxx Rod-pendant luminaires

POWER SUPPLY VARIANTS

E	1	D	-X
----------	----------	----------	-----------

Duration time / supply version

1 1 hour self-contained
2 2 hours self-contained
3 3 hours self-contained
8 8 hours self-contained
C Central battery 230 V
L Central battery low voltage 48 V DC

Communication

□ No communication/manual test
T Auto test
X DALI (without auto test – in combination with self-contained)
D DALI (incl. auto test – in combination with self-contained)
BC RF communication with basicDim Wireless technology
P Powerline
C Circuit monitoring
S Set009 Powerline (CPS)

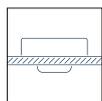
SWITCHING MODES

M Maintained
NM Non-maintained
□ Both possible

SWITCHABLE VIA L'

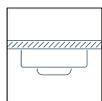
S Switchable via L'
□ Not switchable via L'
H Battery heating

RECESSED



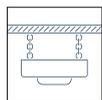
MRC

SURFACE-MOUNTED

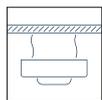


MSC

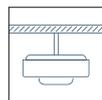
PENDANT



MSC-C15

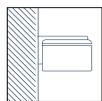


MSC-Cord25

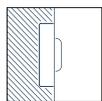


MSC-R05

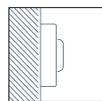
WALL



MS90°

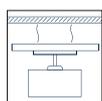


MRW



MSW

TRUNKING



CONTUS

SINGLE BATTERY



E1D
E1T
E1



E2D
E2T
E2



E3D
E3T
E3
E3X
E3BC



E8T
E8

CENTRAL BATTERY



ECD



ECP



ECC



ECS

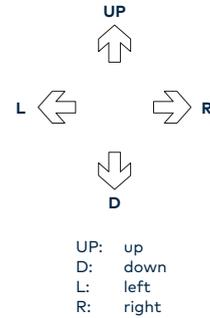


ELP (nBox)
+ Powerline
low voltage
48 V DC

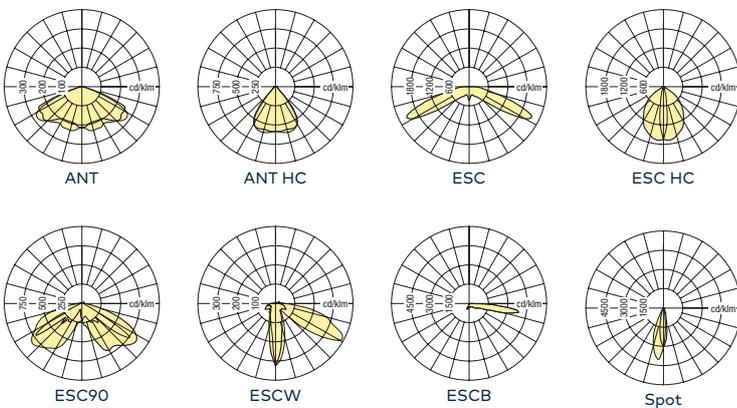
VOYAGER STYLE	MS	E3-S	SM-S
Product generation	Installation type	Power supply variant	Safety sign version

SAFETY SIGNS

S*	M	□	-	S
	Type of pictogram	One-sided/ double-sided	ISO 7010	Direction of the arrow
	M Escape signs mounted	1 one-sided	 E001	UP
	P Escape signs printed	2 double-sided	 E002	D
		□ one- or double-sided available (in combination with M)		L
				R
				S Pictogram set included at SM (with UP, D, L, R, white)



LIGHT DISTRIBUTION



- ANT (HP)** antipanic (high performance)
- ANT HC** antipanic high ceilings
- ESC (HP)** escape (high performance)
- ESC HC** escape high ceilings

- ESC90 (HP)** escape 90° (high performance)
- ESCW** escape wall
- ESCB** escape beam
- Spot (HP)** spot (high performance)

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LIGHTING

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MAKE
LIGHT
WORK

06/2024