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new.abb.com/low-voltage



Guideway & Serenga 2

Emergency lighting

Escape route signalisation and
escape route lighting

Guideway & Serenga 2

Escape route signalisation and escape route lighting

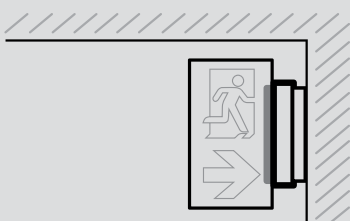
Guideway escape route signalisation blends the finest in pictogram illumination with minimalistic design. The uniformly illuminated pictogram plate is clearly visible in daylight with a light intensity of 500 cd/m². The frameless pictogram plate with its minimalistic metal design ensures a fluent transition between signalisation and surroundings. In conjunction with Serenga 2, Guideway provides you with a range of project-covering emergency lighting. The futuristic design combines the highest degree of operational reliability with specific lighting for corridors, open spaces as well as stairwells.



Watch the video

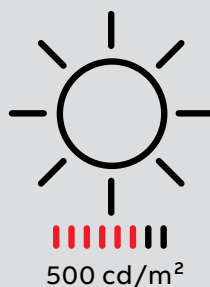
Guideway Easy to install

Versatile mounting options



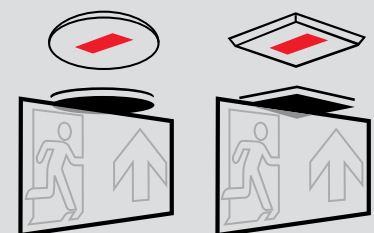
Guideway Increased safety

Clearly visible in daylight



Guideway Focus on design

In harmony with interior spaces





GT
EXTRA

SPORT
EDGE

EDGE
SP

Light power surrounded by frameless design

Versatile
mounting options

In harmony with
interior spaces

Clearly visible in
daylight – 500 cd/m²



22m 32m

22 + 32 metres

Guideway escape route signalisation

Installation in focus

01 Surface mounted 22 metres
Watch the video



02 Recessed 22 metres
Watch the video



03 Surface mounted 32 metres wall model
Watch the video



04 Recessed replacement pictogram
Watch the video



05 Surface mounted 22 metres First-Fix control gear
Watch the video



06 Surface mounted 32 m wall model First-Fix control gear
Watch the video



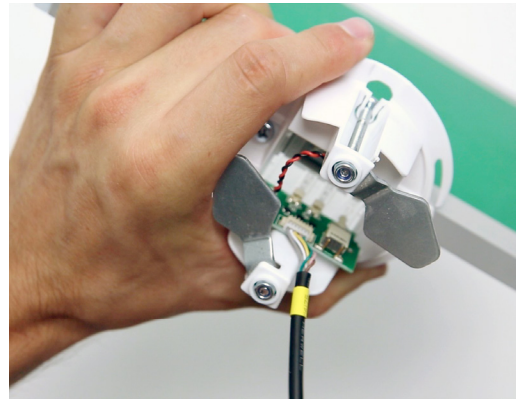
07 Surface mounted replacement battery
Watch the video



08 Recessed replacement battery
Watch the video



01



02



03



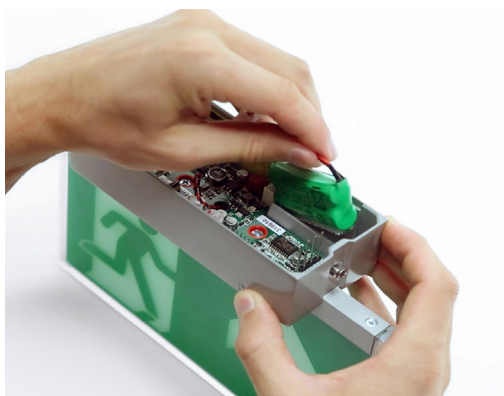
04



05



06



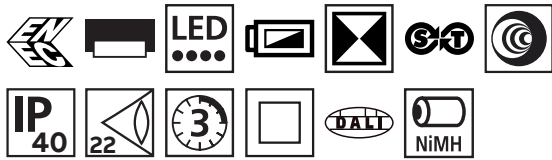
07



08

Guideway

Innovative & stylish



Luminaire

Order code	Description	Input voltage	Lamp type	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg) Including
CTEGR3LS1-S22	REC LED SIGN M3 CT-TST 22M	220-240 AC 50Hz	1 x LED 2W	4.4 / 4	3	5-35	1.2
EGR1LS1D-S22	REC LED SIGN 230DIM 22M	220-240 AC/DC 0-60Hz			230V	0-35	1.2
EGR1LS1LTC-S22	REC LED SIGN SLAVE LTC 230VAC 22M	220-240 AC 50/60 Hz			230V	0-35	1.2
EGR1LS1-S22	REC LED SIGN SLAVE 230VAC 22M	220-240 AC/DC 0-60Hz			230V	0-35	1.2
EGR3LS1-S22	REC LED SIGN M3 22M	220-240 AC 50Hz			3	5-35	1.2
DAEGR3LS1-S22	REC LED SIGN M3 22M DALI	220-240 AC 50Hz			3	5-35	1.2

60 hrs charge at first commissioning, 24 hrs re-charge thereafter. Black versions available on request.

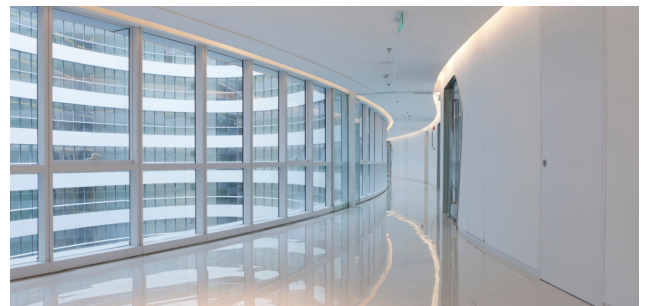
Single sided

Part No.	Legends
ISO 7010 legend format	
XEN2EG22	
XEN3EG22	
XEN6EG22	
XEN5EG22	
Arabic legend format	
XBN1EG22	

ISO 7010 pictogram legends are shown.
Euro format & Special legends are available to order.

Flag mounted

Part No.	Legends
ISO 7010 legend format	
XEN602EG22	
XEN603EG22	
XEN606EG22	
XEN605EG22	

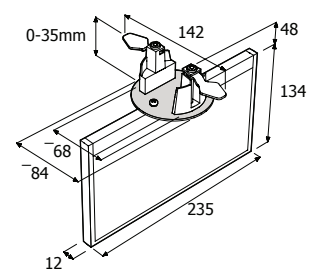
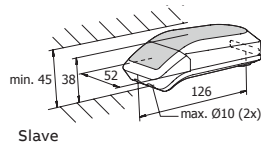
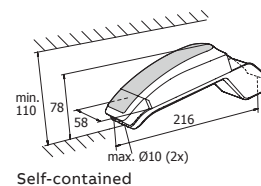


Accessories

Order code	Description	Colour
EG-T4SG	Cover discs, 2+2 self contained	
EG-T4EG	Cover discs, 2+2 slave	

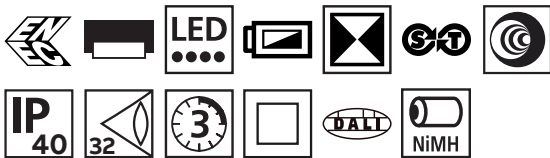
Suspension kit accessories

Order code	Description
EG-TKIT50	Pendant 500
EG-TKIT100	Pendant 1000
EG-WKIT150	Wire suspension kit



Guideway

Innovative & stylish



Luminaire

Order code	Description	Input voltage	Lamp type	Power consumption / duration		Environment temp. (°C)	Weight (kg)	Including
					(VA/W)			
CTEGR3LS1-S32	REC LED SIGN M3 CT-TST 32M	220-240 AC 50Hz	1 x LED 4W		7.1 / 6.5	3	5-35	1.5
EGR1LS1D-S32	REC LED SIGN SLAVE 230DIM 32M	220-240 AC/DC 0-60Hz				230V	0-35	1.5
EGR1LS1LTC-S32	REC LED SIGN SLAVE LTC 230 VAC 32M	220-240 AC 50/60Hz				230V	0-35	1.5
EGR1LS1-S32	REC LED SIGN SLAVE 230 VAC 32M	220-240 AC/DC 0-60Hz				230V	0-35	1.5
EGR3LS1-S32	REC LED SIGN M3 32M	220-240 AC 50Hz				3	5-35	1.5
DAEGR3LS1-S32	REC LED SIGN M3 32M DALI	220-240 AC 50Hz				3	5-35	1.5

60 hrs charge at first commissioning, 24 hrs re-charge thereafter. Black versions available on request.

Single sided

Part No.	Legends
ISO 7010 legend format	
XEN2EG32	
XEN3EG32	
XEN6EG32	
XEN5EG32	
Arabic legend format	
XBN1EG32	

ISO 7010 pictogram legends are shown. Euro format & Special legends are available to order.

Flag mounted

Part No.	Legends
ISO 7010 legend format	
XEN602EG32	
XEN603EG32	
XEN606EG32	
XEN605EG32	

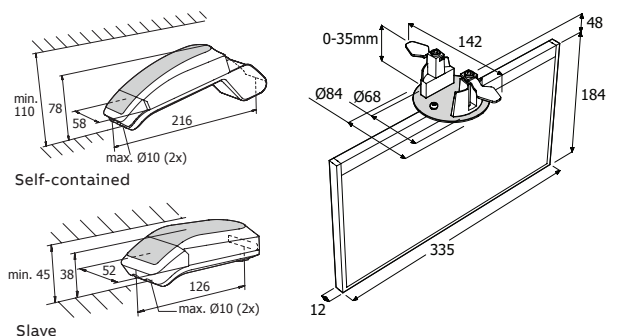


Accessories

Order code	Description	Colour
EG-T4SG	Cover discs, 2+2 self contained	
EG-T4EG	Cover discs, 2+2 slave	

Suspension kit accessories

Order code	Description
EG-TKIT50	Pendant 500
EG-TKIT100	Pendant 1000
EG-WKIT150	Wire suspension kit



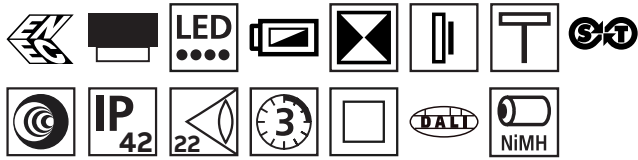
Guideway

Innovative & stylish



Guideway 22m - Surface

- Bright and uniform light distribution with 500 cd/sq.m
- Versatile mounting options with First-Fix control gear
- Unique frameless legend design with click-lock assembly
- Quick release legend panels



Luminaire

Order code	Description	Input voltage	Lamp type	Power consumption / duration		Environment temp. (°C)	Weight (kg)	Including
					(VA/W)	(hrs)		
CTEG3LS1-S22	LED SIGN M3 CT-TST 22M	220-240 AC 50Hz	1 x LED 2W	4.4 / 4	3	5-35	1.5	
EG1LS1D-S22	LED SIGN SLAVE 230VAC DIM 22M	220-240 AC/DC 0-60Hz			230V	0-35		
EG1LS1LTC-S22	LED SIGN SLAVE LTC 230VAC 22M	220-240 AC 50/60Hz			230V	0-35		
EG1LS1-S22	LED SIGN SLAVE 230VAC 22M	220-240 AC/DC 0-60Hz			230V	0-35		
EG3LS1-S22	LED SIGN M3 22M	220-240 AC 50Hz			3	5-35		
DAEG3LS1-S22	LED SIGN M3 22M DALI	220-240 AC 50Hz			3	5-35		

Includes back to wall mounting accessory as standard. 60 hrs charge at first commissioning, 24 hrs re-charge thereafter. Black versions available on request.

Single sided

Part No.	Legends
ISO 7010 legend format	
XEN2EG22	
XEN3EG22	
XEN6EG22	
XEN5EG22	
Arabic legend format	
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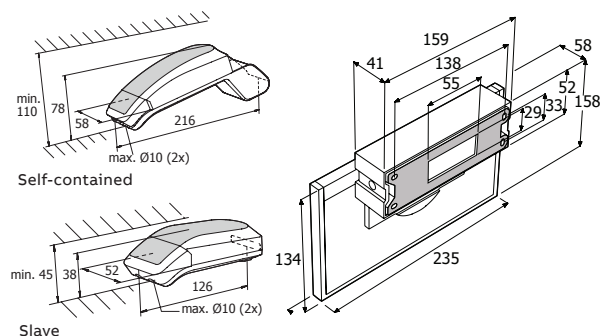
Flag mounted

Part No.	Legends
ISO 7010 legend format	
XEN602EG22	
XEN603EG22	
XEN606EG22	
XEN605EG22	



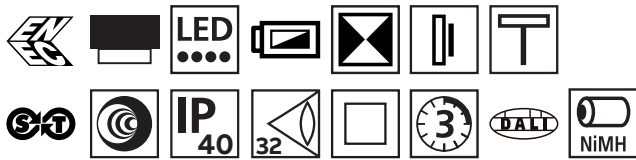
Accessories

Order code	Description
EG-TKIT50	Pendant 500
EG-TKIT100	Pendant 1000
EG-WKIT150	Wire suspension kit



Guideway

Innovative & stylish



Luminaire

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					(VA/W)	(hrs)		
CTEG3LS1-S32	LED SIGN M3 CT-TST 32M	220-240 AC 50Hz	1 x LED 4W	7.1 / 6.5		3	5-35	1.6
EG1LS1D-S32	LED SIGN SLAVE 230VAC DIM 32M	220-240 AC/DC 0-60Hz				230V	0-35	
EG1LS1LTC-S32	LED SIGN SLAVE LTC 230VAC 32M	220-240 AC 50/60 Hz				230V	0-35	
EG1LS1-S32	LED SIGN SLAVE 230VAC 32M	220-240 AC/DC 0-60Hz				230V	0-35	
EG3LS1-S32	LED SIGN M3 32M	220-240 AC 50Hz				3	5-35	
DAEG3LS1-S32	LED SIGN M3 32M DALI	220-240 AC 50Hz				3	5-35	

Includes back to wall mounting accessory as standard. 60 hrs charge at first commissioning, 24 hrs re-charge thereafter. Black versions available on request.

Single sided

Part No.	Legends
ISO 7010 legend format	
XEN2EG32	
XEN3EG32	
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XEN5EG32	
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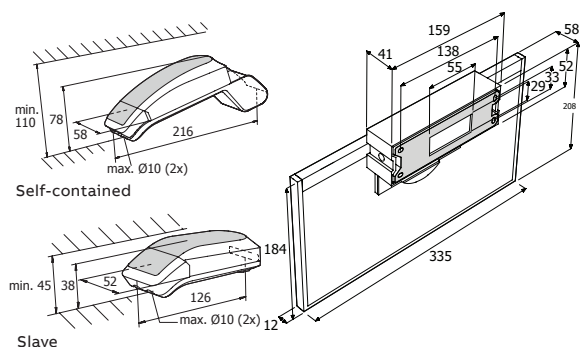
Flag mounted

Part No.	Legends
ISO 7010 legend format	
XEN602EG32	
XEN603EG32	
XEN606EG32	
XEN605EG32	



Accessories

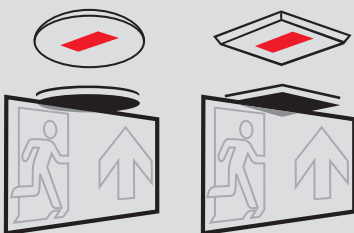
Order code	Description
EG-TKIT50	Pendant 500
EG-TKIT100	Pendant 1000
EG-WKIT150	Wire suspension kit





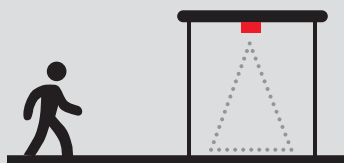
Serenga 2 Focus on design

In harmony with
interior spaces



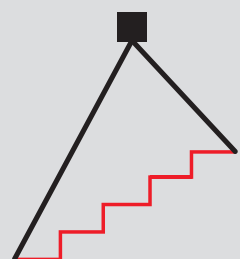
Serenga 2 Increased safety

Escape route lighting
Long beam (L)
e.g. corridors



Serenga 2 Streamlined range

Wall model



Serenga 2 escape route lighting

The minimalistic way to maximum height

Up to
12 metres high

3 metres ceiling height,
23 metres spacing

Escape route lighting
Long beam (L)
e.g. corridors

In harmony with
interior spaces



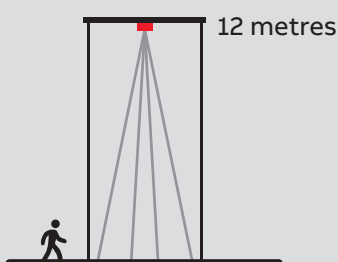
Watch the video

Anti-panic lighting
Wide beam (W)
e.g. open area

Wall model

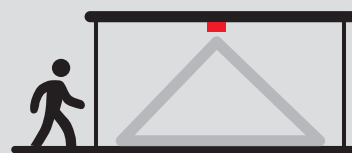
Serenga 2 Streamlined range

Up to 12 metres high



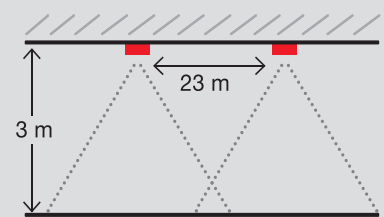
Serenga 2 Increased safety

Escape route lighting
Wide beam (W)
e.g. open area



Serenga 2 Project cost reduction

3 metres ceiling height,
23 metres spacing



Serenga 2 escape route lighting

Your benefits highlighted

01 Recessed

Watch the video



02 Surface mounted

Watch the video



03 Surface mounted
replacement battery

Watch the video



04 Recessed
replacement battery

Watch the video



05 Surface mounted
replacement lens

Watch the video



01



02



03



04



05

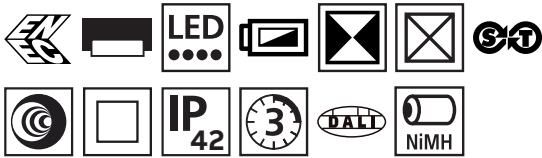
Serenga 2

Project covering & stylish



Escape route - Recessed

- Metal heatsink - high grade polycarbonate body
- Specially designed lens for optimised light distribution
- Modular, First-Fix installation
- Round or square trim shapes are available as interior design choices



Luminaire data

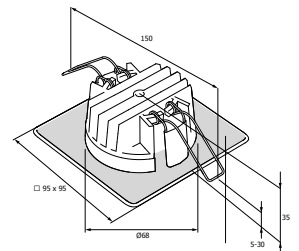
Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)	Version
CTSR2-DEA-M3	REC M3 CT-NAVEO ESC-L4M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	0.6	○
CTSR2Q-DEA-M3	REC-SQ M3 CT-NAVEO ESC-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□
SR2-DEA-230	REC 230V ESC-L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.4	○
SR2-DEA-230LT	REC 230V EMEX ESC-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.4	○
SR2-DEA-M3	REC M3 AUTOTST ESC-4MH WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	○
SR2Q-DEA-230	REC-SQ 230V ESC L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.4	□
SR2Q-DEA-230LT	REC-SQ 230V EMEX ESC-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.4	□
SR2Q-DEA-M3	REC-SQ M3 AUTOTST ESC-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□
DASR2-DEA-M3	REC M3 DALI ESC-4MH WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	○

Including lens A.
Black version available on request.

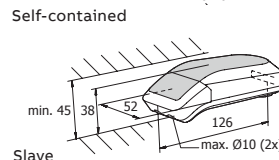
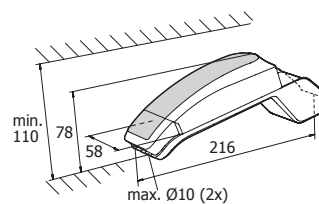
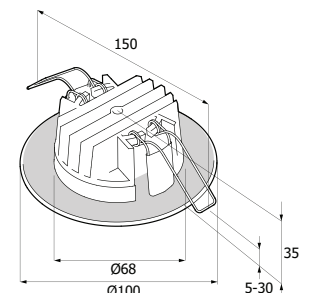
Code	Lens	Type	Application
SR2-LENS1	A	Escape route	2-4m corridor use, ceiling mount
SR2-LENS2	B	Escape route, or object	4-8m corridor use, ceiling mount. Or spot light at 2-4m (ceiling mount)
SR2-LENS3	C	Escape route	8-12m corridor use, ceiling mount
SR2-LENS4	D	Open area	2-4m, open area space
SR2-LENS5	E	Open area	4-8m, open area space
SR2-LENS6	F	Open area	8-12m, open area space
SR2-LENS7	G	Escape route	2-4m corridor use, wall mount

IP Rating	Product type
IP20	flush mount from above
IP42	flush mount from below

Square cover



Round cover



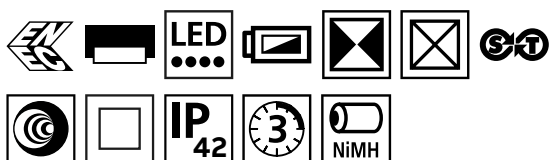
Serenga 2

Project covering & stylish



Emergency spot light - Recessed

- Injection moulded - high grade polycarbonate body
- Specially designed lens for optimised light distribution
- Modular, First-Fix installation
- Round or square trim shapes are available as interior design choices



Luminaire

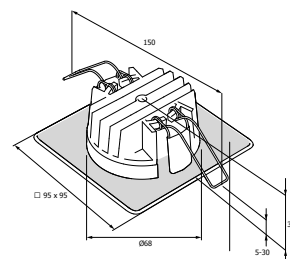
Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)	Version
CTSR2-DSB-M3	REC M3 CT-NAVEO SPOT WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	0.6	○
CTSR2Q-DSB-M3	REC-SQ M3 CT-NAVEO SPOT WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□
SR2-DSB-230	REC 230V ESC- SPOT WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.4	○
SR2-DSB-230LT	REC 230V EMEX ESC- SPOT WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.4	○
SR2-DSB-M3	REC M3 AUTOTST ESC- SPOT WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	○
SR2Q-DSB-230	REC - SQ 230V ESC- SPOT WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.4	□
SR2Q-DSB-230LT	REC - SQ 230V EMEX ESC- SPOT WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.4	□
SR2Q-DSB-M3	REC - SQM3 AUTOTST ESC- SPOT WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□

Including Lens B.
Black version available on request.

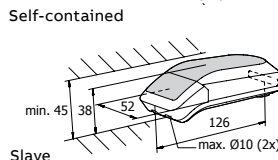
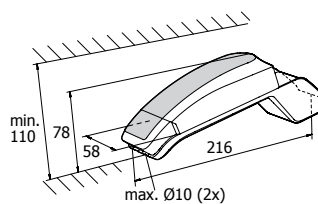
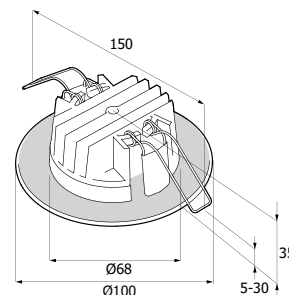
Code	Lens	Type	Application
SR2-LENS1	A	Escape route	2-4m corridor use, ceiling mount
SR2-LENS2	B	Escape route, or object	4-8m corridor use, ceiling mount. Or spot light at 2-4m (ceiling mount)
SR2-LENS3	C	Escape route	8-12m corridor use, ceiling mount
SR2-LENS4	D	Open area	2-4m, open area space
SR2-LENS5	E	Open area	4-8m, open area space
SR2-LENS6	F	Open area	8-12m, open area space
SR2-LENS7	G	Escape route	2-4m corridor use, wall mount

IP Rating	Product type
IP20	flush mount from above
IP42	flush mount from below

Square cover



Round cover



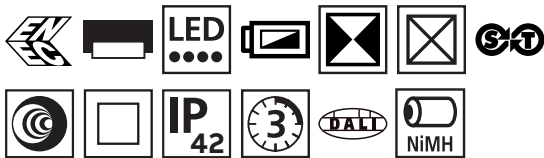
Serenga 2

Project covering & stylish



Anti-panic lighting - Recessed

- Injection moulded - high grade polycarbonate body
- Specially designed lens for optimised light distribution
- Modular, First-Fix installation
- Round or square trim shapes are available as interior design choices



Luminaire

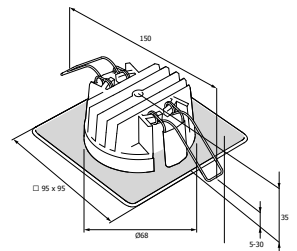
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CTSR2-DAD-M3	REC M3 CT-NAVEO OA-L4M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	0.6	○
CTSR2Q-DAD-M3	REC-SQ M3 CT-NAVEO OA-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□
SR2-DAD-230	REC 230V OA-L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	5-40	0.4	○
SR2-DAD-230LT	REC 230V EMEX OA-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	5-40	0.4	○
SR2-DAD-M3	REC M3 AUTOTST OA-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	○
SR2Q-DAD-230	REC-SQ 230V OA-L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	5-40	0.4	□
SR2Q-DAD-230LT	REC-SQ 230V EMEX OA-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	5-40	0.4	□
SR2Q-DAD-M3	REC-SQ M3 AUTOTST OA-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	□
DASR2-DAD-M3	REC M3 DALI OA-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	0.6	○

Including Lens D.
Black version available on request.

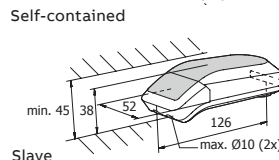
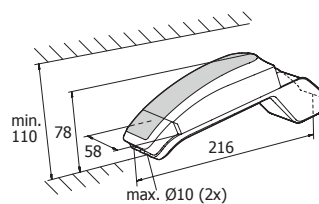
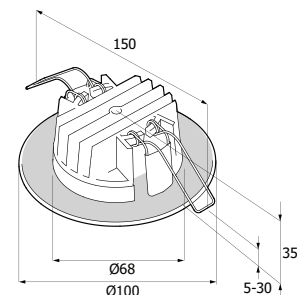
Code	Lens	Type	Application
SR2-LENS1	A	Escape route	2-4m corridor use, ceiling mount
SR2-LENS2	B	Escape route, or object	4-8m corridor use, (ceiling mount). Or spot light at 2-4m (ceiling mount)
SR2-LENS3	C	Escape route	8-12m corridor use, ceiling mount
SR2-LENS4	D	Open area	2-4m, open area space
SR2-LENS5	E	Open area	4-8m, open area space
SR2-LENS6	F	Open area	8-12m, open area space
SR2-LENS7	G	Escape route	2-4m corridor use, wall mount

IP Rating	Product type
IP20	flush mount from above
IP42	flush mount from below

Square cover

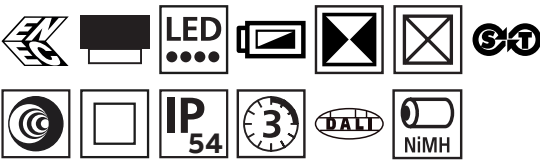


Round cover



Serenga 2

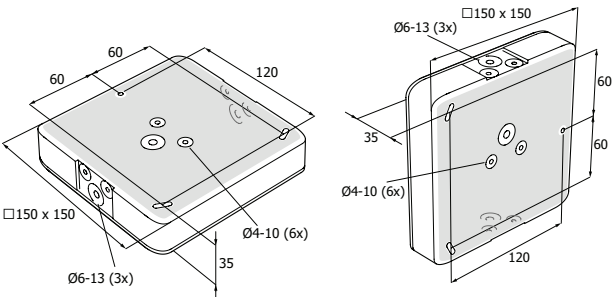
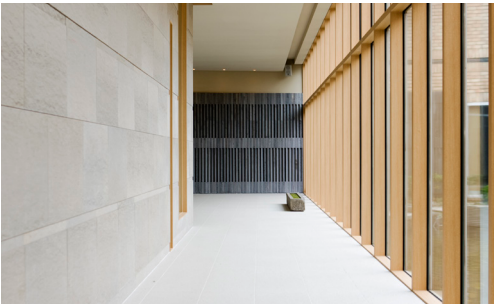
Project covering & stylish



Luminaire

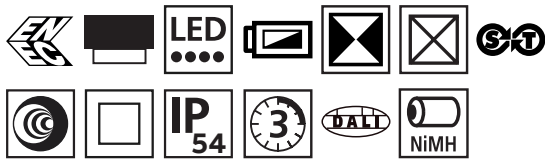
Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)
CTSR2-SEM3-A1	SFC M3 CT-NAVEO ESC-L4M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	1.0
SR2-SE230-A1	SFC 230V ESC-L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.7
SR2-SE230LT-A1	SFC 230V EMEX ESC-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.7
SR2-SEM3-A1	SFC M3 AUTOTST ESC-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0
DASR2-SEM3-A1	SFC M3 DALI ESC-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0

Including lens A.
Black version available on request.



Serenga 2

Project covering & stylish



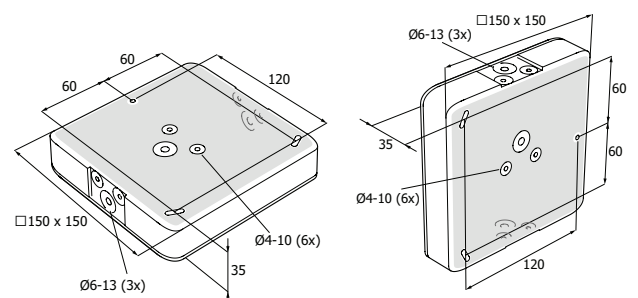
—
Luminaire

Anti-panic - Surface mount

- Injection moulded - high grade polycarbonate body
- Specially designed lens for optimised light distribution
- Modular, First-Fix installation
- Ease of installation - unique moulded construction to retain IP rating without additional protection

Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)
CTSR2-SAM3-D1	SFC M3 CT-NAVEO OA-L4M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	1.0
SR2-SA230-D1	SFC 230V OA-L4M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.7
SR2-SA230LT-D1	SFC 230V EMEX OA-L4M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.7
SR2-SAM3-D1	SFC M3 AUTOTST OA-L4M- WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0
DASR2-SAM3-D1	SFC M3 DALI OA-L4M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0

Including lens D.
Black version available on request.



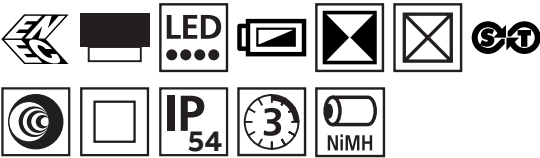
Serenga 2

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Escape route - Surface mount 4-12m

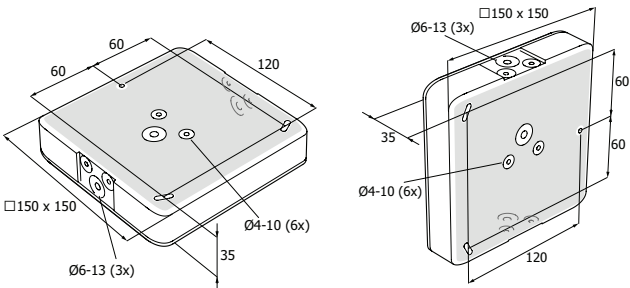
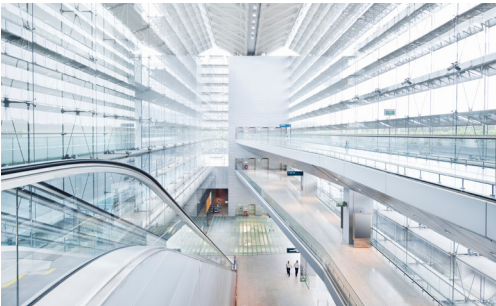
- Injection moulded - high grade polycarbonate body
- Specially designed lens for optimised light distribution - ideal for high ceiling areas, up to 12 metres
- Modular, First-Fix installation
- Ease of installation - unique moulded construction to retain IP rating without additional protection



Luminaire

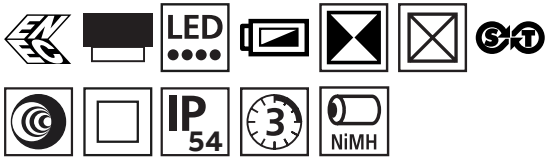
				Lamp	Power	Operation	Environment	Weight
Order code	Description	Input voltage	Lamp type	output (lm)	consumption (VA/W)	/ duration (hrs)	temp. (°C)	(kg)
CTSR2-SEM3-BC1	SFC M3 CT-NAVEO ESC-MH12M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	1.0
SR2-SE230-BC1	SFC 230V ESC-MH12M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.7
SR2-SE230LT-BC1	SFC 230V EMEX ESC-MH12M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.7
SR2-SEM3-BC1	SFC M3 AUTOTST ESC-MH12M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0

Including lens B & C.
Black version available on request.



Serenga 2

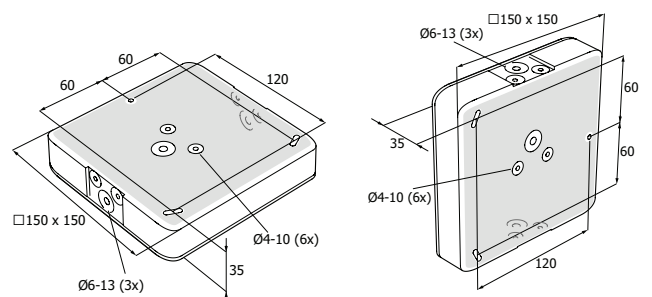
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Luminaire

Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)
CTSR2-SAM3-EF1	SFC M3 CT-NAVEO OA-MH12M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	1.0
SR2-SA230-EF1	SFC 230V OA-MH12M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.7
SR2-SA230LT-EF1	SFC 230V EMEX OA-MH12M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.7
SR2-SAM3-EF1	SFC M3 AUTOTST OA-MH12M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0

Including lens E & F.
Black version available on request.



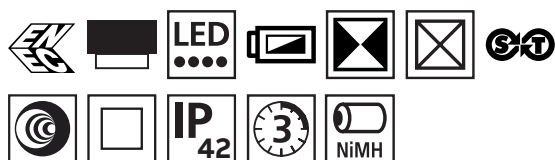
Serenga 2

Project covering & stylish



Escape route - Surface mount wall

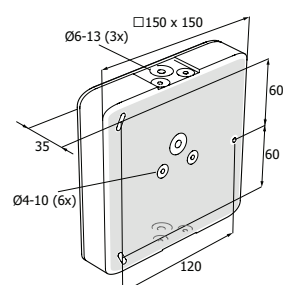
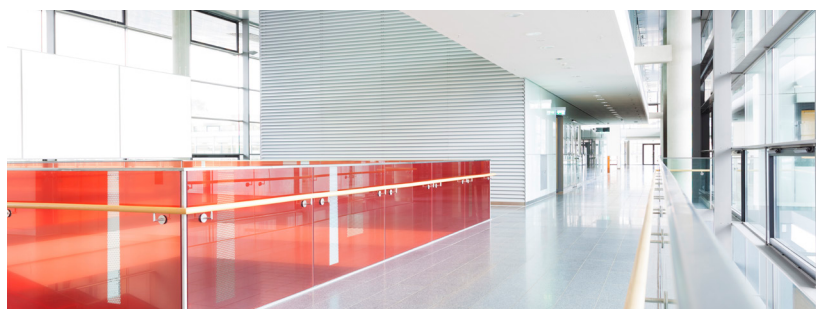
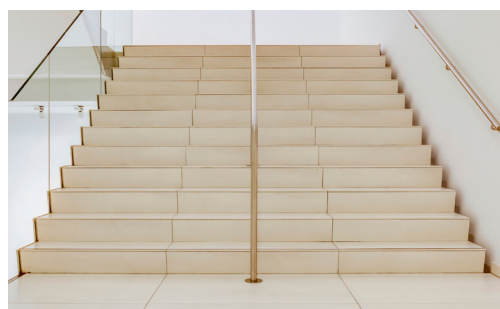
- Injection moulded - high grade polycarbonate body
- Specially designed lens with optimised light distribution for wall mounting applications
- Modular, First-Fix installation
- Ease of installation - unique moulded construction to retain IP rating without additional protection



Luminaire

Order code	Description	Input voltage	Lamp type	Lamp output (lm)	Power consumption (VA/W)	Operation / duration (hrs)	Environment temp. (°C)	Weight (kg)
CTSR2-SWM3-G1	SFC M3 CT-NAVEO WALL - W3M WH	220-240 AC 50Hz	1 x LED 2W	203	3.5 / 3	3	5-40	1.0
SR2-SW230-G1	SFC230V WALL -W3M WH	220-240 AC/DC 0-60Hz			5.5 / 5	230V	0-40	0.7
SR2-SW230LT-G1	SFC 230V EMEX WALL - W3M WH	220-240 AC 50/60Hz			5.5 / 5	230V	0-40	0.7
SR2-SWM3-G1	SFC M3 AUTOTST WALL -W3M WH	220-240 AC 50Hz			3.5 / 3	3	5-40	1.0

Including lens G.
Black version available on request.



Technical reference

Spacing data

Serenga SR2, emergency spot light

Point of emphasis - Disabled refuge see diagram 1

h (m)		Minimum lux
Self-contained		
2.5	1.6	7.2
2.8	1.8	7.2
3.2	1.9	6.3
3.7	2.1	5.5
4.0	2.3	5.05
Slave 230V		
2.5	1.5	8.2
2.8	1.7	7.1
3.2	2	6.6
3.7	2.3	5.9
4.0	2.4	5.7

Serenga SR2, emergency spot light

Point of emphasis - Call point see diagram 2

h (m)		Minimum lux
Self-contained		
2.5	1.5	15.5
2.8	1.7	12.7
3.2	1.9	8.15
3.7	2.1	5.56
4.0	-	-
Slave 230V		
2.5	1.5	17.8
2.8	1.75	13.3
3.2	2	9.5
3.7	2.4	6.64
4.0	2.4	5.7

Serenga SR2, emergency spot light

Point of emphasis - Telephone see diagram 3

h (m)		Minimum lux
Self-contained		
2.5	1	24.6
2.8	1.1	20.4
3.2	1.2	14.1
3.7	1.5	9.7
4.0	1.9	7.58
Slave 230V		
2.5	1	28.3
2.8	1.15	21.4
3.2	1.4	15.2
3.7	1.5	11.2
4.0	1.75	9.06

Serenga SR2, wall mount Lens G

Self contained and Slave (1,0lx) Slave (1,0lx)

h (m)				
Distance to escape route centre (t)				
	1m	1.5m		
0.5	3.7	1.5	5.0	1.7
1.0	4.0	1.6	5.7	1.6
1.5	3.6	1.5	5.8	2.5
2.0	3.5	1.2	5.6	2.5
2.5	1.8	0.0	5.3	2.3
3.0	0.0	0.0	5.0	2.0
3.5	0.0	0.0	3.3	1.1

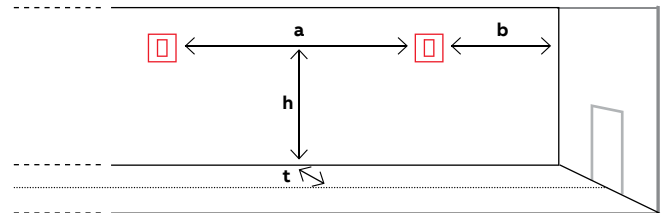
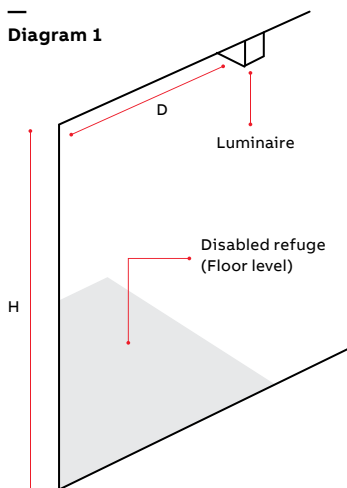
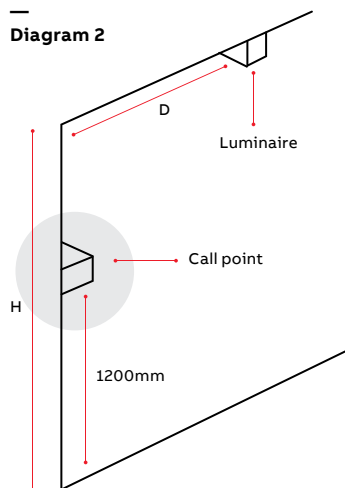


Diagram 1



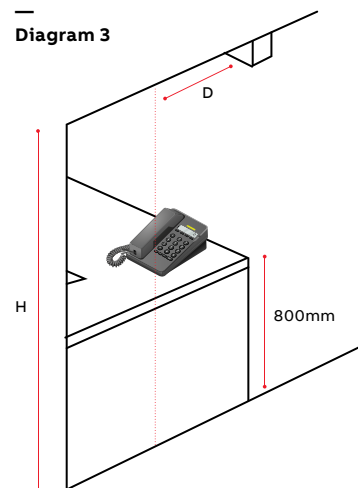
D - Distance to wall (m)
H - Ceiling height (m)

Diagram 2



D - Distance to wall (m)
H - Ceiling height (m)

Diagram 3



D - Distance to (imaginary) vertical intercept (m)
H - Ceiling height (m)

Technical reference

Spacing data

Serenga 2, escape route lighting - lens A

h (m)				
Self Contained (1.0lx)				
2.0	1.8	4.9	6.4	18.8
2.5	1.3	5.3	6.4	19.4
3.0	1.0	5.0	3.9	18.3
3.5	0.9	3.9	3.6	16.6
4.0	0.9	3.1	2.5	15.6
Slave (1.0lx)				
2.0	2.0	5.2	7.0	19.7
2.5	1.6	5.6	6.9	20.8
3.0	1.2	5.5	4.8	20.0
3.5	1.1	4.8	4.0	19.7
4.0	1.0	3.7	3.2	16.8

Serenga 2, escape route lighting - lens B

h (m)				
Self Contained (1.0lx)				
4.5	1.6	4.2	6.9	17.4
5.0	1.6	4.4	7.1	18.3
5.5	1.6	4.5	7.3	19.1
6.0	1.6	4.6	7.1	19.8
6.5	1.5	4.7	7.2	20.3
7.0	1.4	4.7	7.0	20.5
7.5	1.3	4.7	7.0	20.7
8.0	1.1	4.6	6.7	20.7
Slave (1.0lx)				
4.5	1.7	4.4	7.4	17.8
5.0	1.7	4.6	7.7	19.0
5.5	1.8	4.7	7.8	19.9
6.0	1.7	4.9	7.6	20.7
6.5	1.6	5.0	7.7	21.3
7.0	1.6	5.0	7.7	21.8
7.5	1.5	5.0	7.5	22.0
8.0	1.4	5.0	7.4	22.1

Serenga 2, escape route lighting - lens C

h (m)				
Self Contained (1.0lx)				
8.5	2.0	5.8	7.1	17.0
9.0	1.9	5.8	7.3	17.7
9.5	1.7	5.9	7.4	18.3
10.0	1.2	5.9	7.5	18.9
10.5	0.0	6.0	0.0	14.1
11.0	0.0	5.2	0.0	12.6
11.5	0.0	4.5	0.0	12.2
12.0	0.0	4.0	0.0	12.0
Slave (1.0lx)				
8.5	2.1	6.1	7.6	17.4
9.0	2.1	6.2	7.8	18.1
9.5	2.0	6.2	7.9	18.8
10.0	1.9	6.2	8.1	19.4
10.5	1.5	6.3	7.9	20.0
11.0	0.4	6.4	8.0	20.6
11.5	0.0	6.4	0.0	14.0
12.0	0.0	5.2	0.0	13.3

Serenga 2, open area- lens D

h (m)				
Self Contained (0.5lx)				
2.0	3.9	8.1	3.9	8.1
2.5	4.6	10.0	4.6	10.0
3.0	5.4	11.6	5.4	11.6
3.5	6.0	13.2	6.0	13.2
4.0	6.6	14.8	6.6	14.8
Slave (0.5lx)				
2.0	3.9	8.2	3.9	8.2
2.5	4.6	10.0	4.6	10.0
3.0	5.4	11.8	5.4	11.8
3.5	6.3	13.4	6.3	13.4
4.0	6.9	15.0	6.9	15.0

Serenga 2, open area - lens E

h (m)				
Self Contained (0.5lx)				
4.5	5.0	11.0	5.0	11.0
5.0	5.3	12.0	5.3	12.0
5.5	5.5	12.9	5.5	12.9
6.0	5.8	13.7	5.8	13.7
6.5	5.6	14.4	5.6	14.4
7.0	4.2	14.3	4.2	14.3
7.5	3.6	14.1	3.6	14.1
8.0	3.2	14.1	3.2	14.1
Slave (0.5lx)				
4.5	5.0	11.2	5.0	11.2
5.0	5.3	12.2	5.3	12.2
5.5	5.7	13.1	5.7	13.1
6.0	6.0	14.0	6.0	14.0
6.5	6.0	14.7	6.0	14.7
7.0	8.8	15.5	8.8	15.5
7.5	4.5	15.3	4.5	15.3
8.0	4.1	15.2	4.1	15.2

Serenga 2, open area - lens F

h (m)				
Self Contained (0.5lx)				
8.5	4.7	11.4	4.7	11.4
9.0	4.8	11.7	4.8	11.7
9.5	4.8	12.0	4.8	12.0
10.0	5.1	12.4	5.1	12.4
10.5	5.1	12.7	5.1	12.7
11.0	5.1	12.9	5.1	12.9
11.5	5.1	13.2	5.1	13.2
12.0	5.3	13.5	5.3	13.5
Slave (0.5lx)				
8.5	4.9	11.8	4.9	11.8
9.0	5.0	12.1	5.0	12.1
9.5	5.0	12.5	5.0	12.5
10.0	5.3	12.8	5.3	12.8
10.5	5.3	13.1	5.3	13.1
11.0	5.4	13.5	5.4	13.5
11.5	5.6	13.7	5.6	13.7
12.0	5.6	14.0	5.6	14.0

Legend

	Tested and certified by an independent European certification agency such as KEMA		Self-contained: in case of power failure, the luminaire is battery powered
	Maintained / Switched maintained luminaire		Indicates the viewing distance of the (illuminated) pictogram in metres
	Non-maintained luminaire		3 hours autonomy (battery-powered light operating time)
	Insulation class II. This luminaire must not be earthed		Available with Naveo addressable, testing and remote management facility
	Self-Test product		NiMH Battery
	Product comes with an LED light source		Rear plate
	Surface mounted luminaire		Suspension kit
	Recess mounted luminaire		DALI compatible product
	Indicates ingress protection class (IP value)		

