

Emergency Lighting Guide

BELLlighting

Manufacturers of quality lighting since 1920



The importance of Emergency Lighting

Reliable when it matters most.

When normal lighting fails, people need to be able to find their way to safety. Emergency lighting plays a vital role in protecting building occupants, providing essential visibility, illuminating escape routes and helping people navigate safely when the unexpected happens.

It's lighting that may rarely be called upon, but when it is, it needs to perform.

At BELL, we understand that responsibility. That's why we're committed to providing dependable emergency lighting solutions that contractors can install with confidence and building occupants can rely on when it matters most.

The BELL Difference

Confidence built into every product.

For more than 100 years, BELL has been supplying quality lighting to the electrical industry. That experience, combined with our commitment to product development, testing and customer support, helps us deliver lighting solutions our customers can depend on.

With emergency lighting, reliability is especially important. We know contractors need products that are straightforward to install, perform as expected and provide lasting peace of mind.

That's why our commitment goes beyond the fitting itself.



Tested to perform

Our investment in product development and UK-based testing helps us deliver dependable products, built to perform when they're needed.



Warranty without the hassle

Our emergency lighting range is supported by five-year product warranties, with battery cover as detailed on individual product pages.
Straightforward protection, without unnecessary registration or paperwork.



Made for the job

From flexible mounting options and robust construction to long-life LiFePO4 batteries and intelligent testing features, our solutions are developed with real installations in mind.



Support you can count on

Our UK-based technical and customer support teams are here to help, providing knowledgeable advice and practical assistance when you need it.

The Emergency Lighting Range

Emergency Lighting for every application.

Every building is different, but the need for reliable emergency lighting remains the same.

Our Spectrum emergency lighting range provides a comprehensive selection of LED solutions for commercial, industrial and public environments. From discreet emergency downlights to robust bulkheads, high-output twin spots and clearly visible exit signs, the range combines dependable performance with practical installation features and a choice of emergency functions.

Exit Signs

Clear guidance when it matters.

Our range of exit boxes and blades provides clear, highly visible direction along escape routes, with flexible mounting configurations and legend options to suit different environments.



Emergency Downlights

Discreet design. Dependable illumination.

Compact emergency downlights provide effective illumination for corridors, escape routes and open areas, with recessed and surface-mounted solutions for a variety of installations.



Emergency Bulkheads

Versatile lighting, built to perform.

Robust and practical, our emergency bulkheads offer dependable illumination for a wide range of applications, with IP65-rated options and flexible mounting arrangements.



Emergency Twin Spots

Powerful illumination where it's needed.

Designed for larger spaces and more demanding environments, our emergency twin spots provide powerful, directional illumination, with high-output and IP65-rated options available.



Choosing the right solution

The right Emergency Lighting, made simple.

Choosing emergency lighting involves more than selecting a fitting. Different buildings, applications and installation requirements call for different solutions. Our range provides the flexibility to meet those needs, with practical product options and knowledgeable support to help you make the right choice.



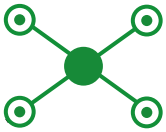
Maintained or Non-Maintained

Choose between emergency lighting that operates during normal conditions and continues to illuminate during a power failure, or lighting that activates when the normal lighting supply fails.



Manual Test or Self-Test

Our range includes products with selectable manual or automatic self-testing functions, helping make the ongoing testing and maintenance of emergency lighting more straightforward.



DALI-2 Addressable options

Selected products offer DALI-2 addressable self-test functionality, providing additional control, monitoring and testing capabilities when used with compatible systems.



Designed for different applications

From open areas and escape routes to higher-output and more demanding environments, our range provides options to help achieve the right illumination for each space.

Expert support, whenever you need it.

Choosing the right product is only part of the job. Our UK-based team can help with technical queries, product selection and installation advice, backed by complimentary lighting design services where appropriate.

Because confidence comes from knowing you've got the right product and the right people behind you.

Talk to our sales team:


sales@belllighting.co.uk


01924 893380

Explore the range online:


belllighting.co.uk/emergency/

Spectrum

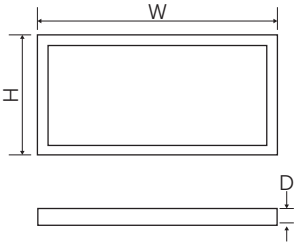
LED Emergency Hinged Exit Box

- Hinged for quick and easy installation and maintenance
- Suitable for commercial and industrial installations
- Selectable Self Test or Manual Emergency Mode
- Different legend options available
- Sleek, energy efficient design
- Viewing distance 25m
- Tool free termination



Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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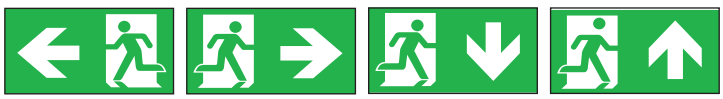
5 Year Silver Warranty

Code	W	Description	Temp	Viewing Distance	WxHxD
09083V2	4	LED Emergency Hinged Exit Box including Up Legend.	6000K	25M	396x195x41
09150	4	LED Emergency Hinged Exit Box including Up Legend, DALI-2 Addressable - Self Test			
09085	_	New (ISO) Legend Reversible Left & Right (spare accessory)	-	-	-
09087	_	New (ISO) Legend Down (spare accessory)	-	-	-
09086	_	New (ISO) Legend Up (spare accessory)	-	-	-

Legend Options



09085 New (ISO) Legend Reversible Left & Right

09087 New (ISO) Legend Down

09086 New (ISO) Legend Up

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Spectrum

LED Emergency Exit Blade

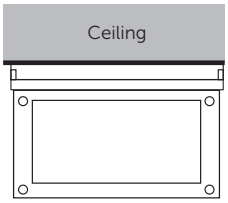
- Easy switching from non maintained to maintained via removable link
- Suitable for commercial and industrial installations
- Selectable Self Test or Manual Emergency Mode
- Supplied with New Up Legend as standard
- Recessing Kit option (Code 09048)
- Can be mounted to ceiling or wall
- Maintained/Non Maintained
- Viewable from both sides
- Sleek, low profile design
- 25M Viewing Distance



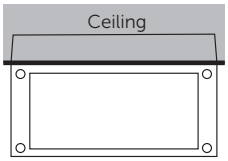
Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4

Surface Mounted Fitting

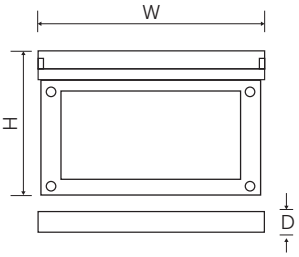


Recessed Fitting with 09048





Rotating fixing, can be mounted to ceiling or wall at 90° angle



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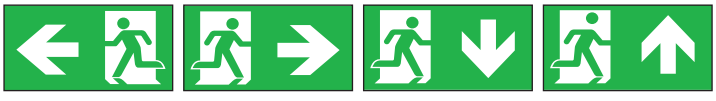
5 Year Silver Warranty

Code	W	Description	Temp	Viewing Distance	WxHxD
09012V2	2.5	LED Emergency Exit Blade Surface including Up Legend. Maintained/Non Maintained	6000K	25M	310x230x35
09013	_	New Legend Left & Right for Exit Blade	_	_	_
09014	_	New Legend Down for Exit Blade	_	_	_
09015	_	New Legend Up for Exit Blade	_	_	_
09016	_	Old Legend Left & Right for Exit Blade	_	_	_
09017	_	Old Legend Down for Exit Blade	_	_	_
09018	_	Old Legend Up for Exit Blade	_	_	_
09048	_	Recessing kit for Emergency Surface Exit Blade	_	_	_

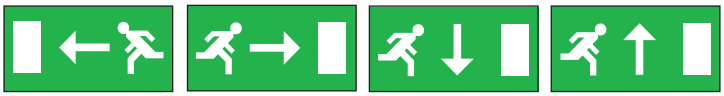
Legend Options



09013 New (ISO) Left & right

09014 New (ISO) Legend Down

09015 New (ISO) Legend Up



09016 Old (Euro) Legend Left & Right

09017 Old (Euro) Legend Down

09018 Old (Euro) Legend Up

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Spectrum

LED Emergency 6 in 1 Exit Blade

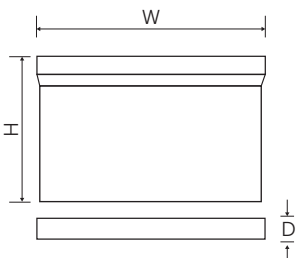
- Ability to be displayed in 6 different ways; Surface/Suspended/Recessed/Wall/Parallel/Angled Mounting
- Suitable for commercial and industrial installations
- Selectable Self Test or Manual Emergency Mode
- Different legend options available
- Maintained/Non Maintained
- Viewable from both sides
- Viewing distance 25m





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Viewing Distance	WxHxD
09066V2	2	LED Emergency 6 in 1 Exit Blade. Including New (ISO) Up Legend (White Version)	6000K	25M	267x170x34
09130	2	LED Emergency 6 in 1 Exit Blade. Including New (ISO) Up Legend (Black Version)	6000K	25M	267x170x34
09154	2	LED Emergency 6 in 1 Exit Blade. Including New (ISO) Up Legend (White Version) DALI-2 Addressable - Self Test	6000K	25M	267x170x34
09067V2	_	New Legend Reversible Left & Right	_	_	_
09068V2	_	New Legend Down	_	_	_

Legend Options



09067 New (ISO) Legend Reversible Left & Right

09068 (ISO) New Legend Down

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Spectrumendure

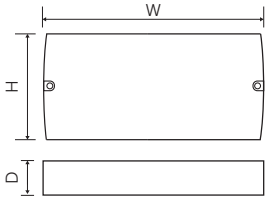
LED Emergency Anti Ligature Exit Sign

- Supplied with up legend, additional legend options available
- Long life and sustainable LiFePO4 battery with 3hrs backup
- Suitable for custodial and secure healthcare applications
- Suitable for commercial and industrial installations
- Sleek, and robust design with die-cast base
- Overcharge and discharge protection
- Maintained/Non Maintained



Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours	Impact Rating
5 Year	IP65	Mode	35,000	IK10

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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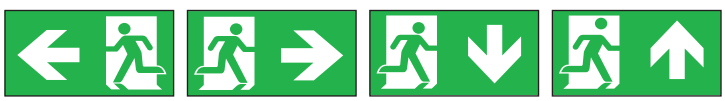
5 Year Silver Warranty					
Code	W	Description	Temp	Viewing Distance	WxHxD
09158	3	3W Spectrum Endure Anti Ligature Exit Sign - IK10, Select Self Test or Manual Emergency Mode	6000K	28M	356x186x55
09165	-	New Up Legend for the Spectrum Endure Anti Ligature Exit Sign	-	-	
09166	-	New Down Legend for the Spectrum Endure Anti Ligature Exit Sign	-	-	
09167	-	New Left Legend for the Spectrum Endure Anti Ligature Exit Sign	-	-	
09168	-	New Right Legend for the Spectrum Endure Anti Ligature Exit Sign	-	-	

Legend Options



09167 (ISO) New Legend Left | 09168 (ISO) New Legend Right | 09166 (ISO) New Legend Down | 09165 (ISO) New Legend Up

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Spectrum

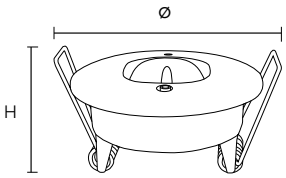
LED Emergency Non Maintained Downlights

- Complete with driver and sheathed battery pack
- Selectable Self Test or Manual Emergency Mode
- Open Area/Corridor versions
- Green charge indicator



Product Warranty[2] Including Battery	Water & Dust Protected	Operating Hours
5 Year	IP20	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty					
Code	W	Description	Temp	Lm	ØxHxCut Out (mm)
09080	1	LED Emergency Non Maintained Downlight Open Area	6000K	158	38x38x32
09081	1	LED Emergency Non Maintained Downlight Corridor		170	

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Spectrum

LED Emergency Recessed Downlights

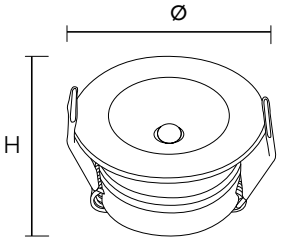
- Complete with driver and fire rated battery pack
- Selectable Self Test or Manual Emergency Mode
- Open Area/Corridor versions
- Dual colour charge indicator





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty					
Code	W	Description	Temp	Lm	ØxHxCut Out
09030V2	3	LED Emergency Non Maintained Downlight Open Area	6000K	129	42x22x34
09031V2	3	LED Emergency Non Maintained Downlight Corridor		126	

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Spectrum

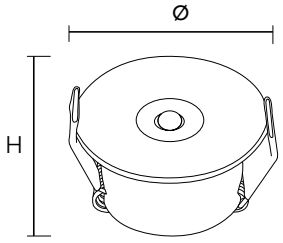
LED Emergency Non Maintained Downlight

- Green charge indicator, complete with driver and battery pack
- Suitable for open area or corridor
- IP20



Quality Assured Product Warranty[1]	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty					
Code	W	Description	Temp	Lm	ØxHxCut Out
09160	3	LED Emergency Non Maintained Downlight	6000K	165 Corridor 168 Open Area	95x46x80

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Spectrum

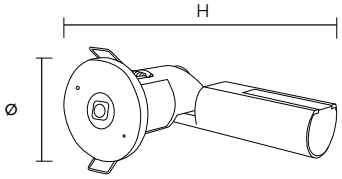
LED Emergency Non Maintained Downlight

- Dual colour charge indicator, complete with driver and sheathed battery pack
- Selectable Self Test or Manual Emergency Mode
- Open area & corridor lenses included



Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Lm	ØxHxCut Out
09075V2	3	LED Emergency Non Maintained Downlight Open Area & Corridor White Version	6000K	256 Open Area 189 Corridor	60x175x55
09131	3	LED Emergency Non Maintained Downlight Open Area & Corridor Black Version			
09155	3	LED Emergency Non Maintained Downlight Open Area & Corridor White Version. DALI-2 Addressable - Self Test			
09076	-	White 95mm bezel for 09075V2 and 09155	-	-	-
09078	-	White 95mm and 145mm Bezel for 09075V2 and 09155	-	-	-
09077	-	Black 95mm Bezel for 09131	-	-	-
09079	-	Black 95mm and 145mm Bezel for 09131	-	-	-

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Spectrum

LED Emergency 2W Non Maintained Downlight

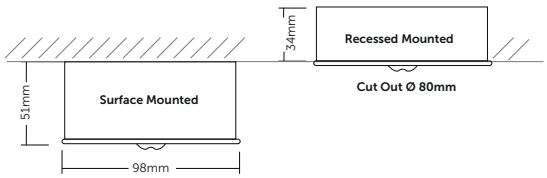
- Dual colour charge indicator, complete with driver and battery pack
- Selectable Self Test or Manual Emergency Mode
- Suitable for open area or corridor
- Surface or recessed mount
- 4 in 1 product
- IP20





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP20	Mode	50,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Lm	ØxHxCut Out
09126	2	LED Emergency Non Maintained Downlight (Surface Mounted/ Recessed), White	6000K	175 Open Area 171 Corridor	98x51x80
09142	2	LED Emergency Non Maintained Downlight (Surface Mounted/ Recessed), Black			

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Spectrum

LED Emergency IP65 Twin Spot

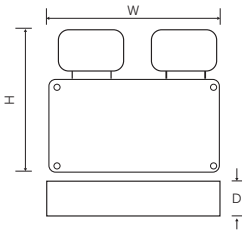
- Selectable Self Test or Manual Emergency Mode
- Compact design & robust construction
- 20mm Conduit side & rear entry
- Long life & low maintenance





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP65	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Lm	WxHxD
09088V2	12	LED Emergency Twin Spot IP65 Non Maintained - White	6000K	608	226x247x79
09128	12	LED Emergency Twin Spot IP65 Non Maintained - Black		480	
09151	12	12W Spectrum LED Emergency Twin Spot IP65 Non Maintained - White, Self Test, DALI-2 Addressable - White 09075v2		608	

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Spectrum

LED Emergency High Power IP65 Twin Spot

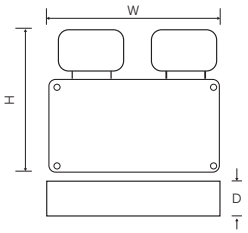
- Die cast spot head for enhanced heat dissipation
- Long life & low maintenance LiFePO4 battery
- 20mm Conduit side & rear entry
- High efficiency up to 140Lm/W





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Impact Rating	Operating Hours
5 Year	IP65	Mode	IK07	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Osram
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Lm	WxHxD
09159	2x7W	LED Emergency High Power IP65 Twin Spot - White	6000K	1966	300x280x75
09102	2x7W	LED Emergency High Power IP65 Twin Spot - Black		1778	

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Spectrum

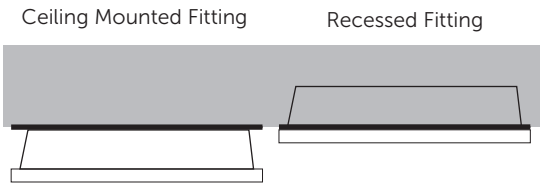
LED Emergency Bulkhead / Recessed

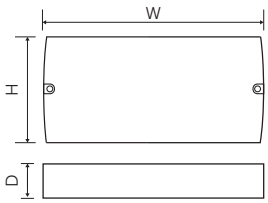
- 09046 Exit Blade Accessory available, when fitted this adapts 3.3W Bulkheads in to cost effective IP65 Exit Blades
- Selectable Self Test or Manual Emergency Mode
- Hinged Gear Tray for easy install
- 20mm Conduit side & rear entry
- Old Legends also available
- Low profile slim design
- Viewing distance 25M
- Includes New Legend
- Tool-Free termination
- Internal/external use



Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP65	Mode	30,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4





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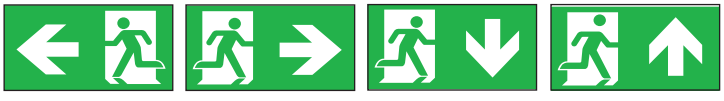
5 Year Silver Warranty

Code	W	Description	Temp	Lm	WxHxD
09040V2	3.3	LED Emergency Bulkhead IP65. Maintained/Non Maintained Includes New Legend - White	6000K	187	352x110x60
09099	3.3	LED Emergency Bulkhead IP65. Maintained/Non Maintained Includes New Legend - Black		104	
09152	3.3	3.3W Spectrum LED Emergency Bulkhead IP65 Maintained Includes New Legend - Self Test, DALI-2 Addressable - White		187	
09041V2	-	Semi Recessing Kit for LED Emergency Bulkhead Cut-Out 350x110mm - White	-	-	-
09100	-	Semi Recessing Kit for LED Emergency Bulkhead Cut-Out 350x110mm - Black	-	-	-
09043	-	Old Legend Kit for Emergency Bulkhead	-	-	-
09046	-	Triangular Exit Blade Cover for the Spectrum Emergency Bulkhead (Including 2 Exit Signs	-	-	-



Legend Options

New (ISO) Legends



09043 Old (Euro) Legends Kit

Spectrumpro

LED Emergency High Power Emergency Bulkhead

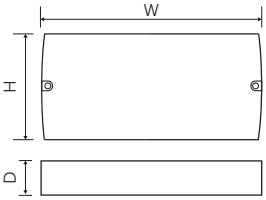
- Suitable for commercial and industrial installations
- Selectable Self Test or Manual Emergency Mode
- DALI-2 Option available (white versions only)
- 20mm Conduit side & rear entry
- Non Maintained
- IP65





Product Warranty[2] Including Battery	Water & Dust Protected	Self Test or Manual Emergency	Operating Hours
5 Year	IP65	Mode	50,000

Technical Specification	
Construction	Polycarbonate
LED Chip	Samsung
Input Voltage	220–240VAC, 50 / 60Hz
Power Factor	>0.9
Operating Temp	0°C to +35°C
Standard	CE & UKCA
Battery	LiFePO4



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5 Year Silver Warranty

Code	W	Description	Temp	Lm	WxHxD
09094V2	7	LED High Power Emergency Bulkhead - White	6000K	1094	338x168x76
09101	7	LED High Power Emergency Bulkhead -Black		886	
09153	7	7W Spectrum LED High Powered Emergency Bulkhead IP65 Non Maintained - Self Test, DALI-2 Addressable - White		1094	

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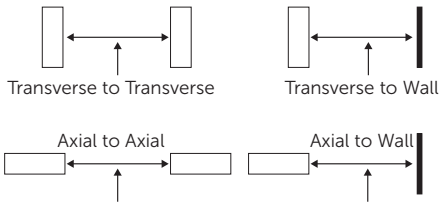
Spectrum

Downlight Spacing Tables

09160 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	3	7.5	3	7.5
2.5	3.8	8.8	3.8	8.8
3	4	10	4	10
4	4	12	4	12
5	4	13.5	4	13.5
09160 Anti Panic Area (1 lux minimum)				
2	3	6.7	3	6.7
2.5	3.3	7.8	3.3	7.8
3	3.3	8.5	3.3	8.5
4	2.7	9	2.7	9
5	2.4	7.6	2.4	7.6
09160 Escape Route (1 lux minimum)				
2	-	-	3.5	9
2.5	-	-	3.5	10.2
3	-	-	3.5	11.4
4	-	-	3.5	13
5	-	-	3.5	14.3





09030V2 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	3.6	8.6	3.6	8.6
2.5	3.9	9.8	3.9	9.6
3	4.2	10.5	4.2	10.5
4	4.4	11.6	4.4	11.6
5	4.4	12.3	4.4	12.3
09030V2 Anti Panic Area (1 lux minimum)				
2	2.8	7.3	2.8	7.3
2.5	3.1	7.8	3.1	7.8
3	3.1	8.3	3.1	8.3
4	3	8.8	3	8.8
5	2.4	8.7	2.4	8.7
09031V2 Escape Route (1 lux minimum)				
2	-	-	3.2	7.6
2.5	-	-	3.6	8.5
3	-	-	3.9	9.4
4	-	-	4.2	10.9
5	-	-	3.4	11.8



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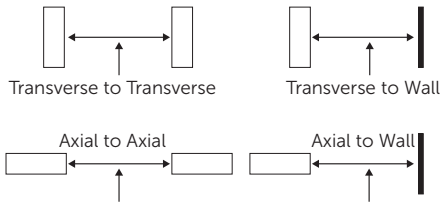
Downlight Spacing Tables

09075V2 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	3.6	10.5	3.6	10.5
2.5	3.8	10.8	3.8	10.8
3	4	11.2	4	11.2
4	4.1	12	4.1	12
5	4.2	12.3	4.2	12.3
6	3.8	12.7	3.8	12.7
09075V2 Anti Panic Area (1 lux minimum)				
2	3.2	8.6	3.2	8.6
2.5	3.3	9	3.3	9
3	3.3	9.3	3.3	9.3
4	3.1	9.5	3.1	9.5
5	2.3	9.3	2.3	9.3
6	2.2	8.4	2.2	8.4
09075V2 Escape Route (1 lux minimum)				
2	-	-	5.5	13.5
2.5	-	-	6	15.8
3	-	-	6.5	17.6
4	-	-	4.7	17.5
5	-	-	4	16
6	-	-	2.2	15.5





09126 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	4.8	10.6	4.8	10.6
2.5	5.1	12.3	5.1	12.3
3	4.7	12.5	4.7	12.5
4	3.1	12.2	3.1	12.2
09126 Anti Panic Area (1 lux minimum)				
2	3.6	9.5	3.6	9.5
2.5	2.5	9.4	2.5	9.4
3	2.1	9.5	2.1	9.5
4	1.8	8.5	1.8	8.5
09126 Escape Route (1 lux minimum)				
2	-	-	3.3	14
2.5	-	-	3.3	15.2
3	-	-	3.3	16.8
4	-	-	3	17



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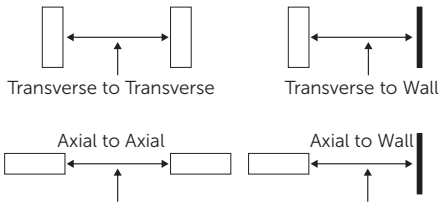
Spectrum

Bulkhead Spacing Tables

Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
09094V2 Anti Panic Area (0.5 lux minimum)				
2	3.3	8.1	3.3	8.1
2.5	4	10.2	4	10.2
3	4.5	12.4	4.5	12.4
4	7.9	19.8	7.9	19.8
5	9.2	21.7	9.2	21.7
6	10	23.5	10	23.5
8	11.1	27.8	11.1	27.8
10	11.8	30.5	11.8	30.5
12	12.3	32	12.3	32
15	12	34	12	34
20	10	34.5	10	34.5
09094V2 Anti Panic Area (1 lux minimum)				
2	3.3	8.1	3.3	8.1
2.5	4	10.2	4	10.2
3	4.5	12	4.5	12
4	6.9	15.9	6.9	15.9
5	7.6	18.4	7.6	18.4
6	8	20.1	8	20.1
8	8.6	22.2	8.6	22.2
10	8.6	23.7	8.6	23.7
12	8.1	24.5	8.1	24.5
15	6.3	24	6.3	24
20	3.5	28.3	3.5	28.3
09094V2 Escape Route (1 lux minimum)				
2	4	9.7	-	-
2.5	4.5	12.2	-	-
3	6	14.3	-	-
4	6.8	16.5	-	-
5	7.6	18.5	-	-
6	8	20	-	-
8	8.6	22	-	-
10	8.6	23.8	-	-
12	8.2	24.5	-	-
15	6.8	23.8	-	-
20	3	14.2	-	-





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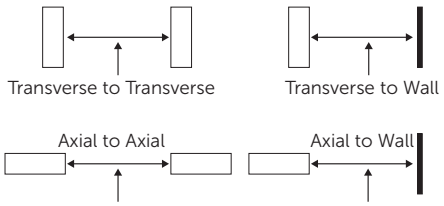
Bulkhead Spacing Tables

09040V2 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	4.4	11.2	2.9	6.8
2.5	4.6	12.1	3.2	7.8
3	4.8	12.7	3.4	8.5
4	5	13.4	3.6	9.6
5	5	14	3.4	10.2
6	4.8	14.2	2.9	9.7
09040V2 Anti Panic Area (1 lux minimum)				
2	3.3	8.8	2.4	5.9
2.5	3.5	9.3	2.5	6.5
3	3.5	9.6	2.4	6.9
4	3.4	10	2.2	7.1
5	3.4	10	1.4	6.7
6	3.2	9.4	1.7	7.2
09040V2 Escape Route (1 lux minimum)				
2	3.3	8.5	-	-
2.5	3.5	9	-	-
3	3.6	9.4	-	-
4	3.5	9.7	-	-
5	3.5	9.8	-	-
6	3.1	7.3	-	-





Batten Mount Spacing Tables

09129 Anti Panic Area (0.5 lux minimum)				
Mounting Height (M)	Transverse		Axial	
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)
2	3.2	8.4	3.2	8.4
2.5	3.2	9.5	3.2	9.5
3	3.2	10	3.2	10
4	3.2	10.7	3.2	10.7
5	3.2	11	3.2	11
09129 Anti Panic Area (1 lux minimum)				
2	2.5	7	2.5	7
2.5	2.5	7.2	2.5	7.2
3	2.5	7.5	2.5	7.5
4	2.5	7.8	2.5	7.8
5	2.2	7.2	2.2	7.2
09129 Escape Route (1 lux minimum)				
2	-	-	3.2	10
2.5	-	-	3.2	12
3	-	-	3.1	13.7
4	-	-	2	11
5	-	-	0	0



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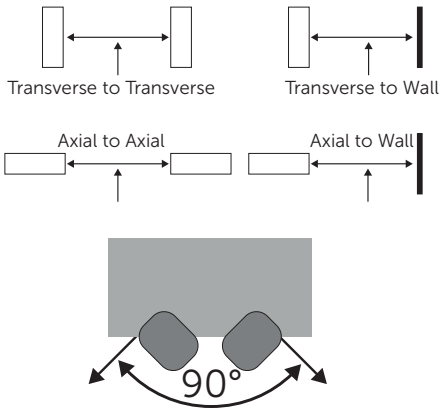
Spectrum

Twin Spot Spacing Tables

Mounting Height (M)	Transverse		Axial		Beam Separation
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)	
09088V2 Anti Panic Area (0.5 lux minimum)					
2	4.2	9	4.2	12	90°
2.5	4.6	11	5.6	15	90°
3	4.8	12	5.8	16.2	90°
4	5	13.2	6.3	18	90°
5	5.2	14	7	19	90°
6	5.4	15.3	7	20.1	90°
8	5.2	16	7.5	23.5	90°
10	4.8	16.8	7	25	90°
12	4.5	16.8	6.2	26	90°
15	4	18	5	26.5	60°
20	3	16	4	25	60°
09088V2 Anti Panic Area (1 lux minimum)					
2	3.5	8.2	4	10	90°
2.5	3.5	9	4.5	16	90°
3	3.5	9.5	4.5	16.5	90°
4	4	10.5	4.8	14.5	90°
5	4	11	5	15	90°
6	4	11.5	5	16	90°
8	3.5	12	5	16	90°
10	3	11	4	14.5	90°
12	2	10	3	14	90°
15	3	10	3	12	60°
20	2	8	3	9	60°
09088V2 Escape Route (1 lux minimum)					
2	-	-	5	12.5	90°
2.5	-	-	5.5	13.5	90°
3	-	-	5.8	14.8	90°
4	-	-	6.3	16.3	90°
5	-	-	6.5	17.5	90°
6	-	-	6.8	18.3	90°
8	-	-	5.8	19	90°
10	-	-	5.5	18	60°
12	-	-	5	17	40°
15	-	-	3	15	20°
20	-	-	0.8	7	0°





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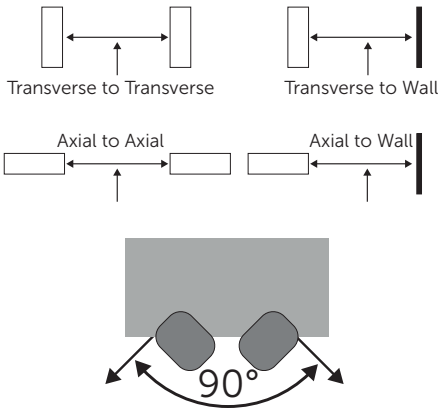
Twin Spot Spacing Tables

Mounting Height (M)	Transverse		Axial		Beam
	To Wall (m)	Transverse Spacing (m)	To Wall (m)	Axial Spacing (m)	Beam Separation
09159 Anti Panic Area (0.5 lux minimum)					
2	2.5	5	2.5	6.5	90°
2.5	3	6.7	4	8.7	90°
3	3.5	8.3	4	10	90°
4	4.5	11	5	15.5	90°
5	5.5	14	7.5	20	90°
6	6	15	8	24.5	90°
8	6.5	16	9	27	90°
10	6.8	17	9	28	90°
12	8.5	20	12	39	60°
15	9	22.5	14	40.5	50°
20	9	25	15	40	30°
09159 Anti Panic Area (1 lux minimum)					
2	2.5	5	2.5	6.5	90°
2.5	4	8.7	3	6.7	90°
3	3.5	8.3	4	10	90°
4	4.2	10.5	5	15.5	90°
5	4.5	11	8	19	90°
6	4.5	10.5	9	23.5	90°
8	4.5	12	9	25	90°
10	4.2	12	9	26	90°
12	7	17	10	29.5	60°
15	9	21	10	31	50°
20	8	25	10	32	30°
091592 Escape Route (1 lux minimum)					
2	-	-	5.5	13.2	90°
2.5	-	-	7	17.2	90°
3	-	-	8.7	21	90°
4	-	-	11.5	27	90°
5	-	-	12.5	31	90°
6	-	-	13.5	33.5	90°
8	-	-	15	38	90°
10	-	-	15	41	90°
12	-	-	16	42	80°
15	-	-	16.5	44.5	80°
20	-	-	16	45	70°





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From our UK headquarters in West Yorkshire, we support electrical wholesalers, contractors and lighting professionals across the UK and Ireland with an extensive range of lamps and luminaires for commercial, industrial, exterior and domestic applications.

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