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Section 10:

Self Contained Emergency Lighting



10: LUMENEX EMERGENCY LIGHTING

8W Luminaire

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8W Luminaire

- Suitable for a wide range of interior and exterior applications
- Cost effective with an optically efficient and durable lens design
- Maintained /non-maintained versions
- Weatherproof (fit seal supplied if an IP65 rating is required)
- Snap-fit construction with hinged gear tray
- Simple to install with screw terminal block and a BESA box mounting facility
- Stylish, slim profile design with a range of optional pictograms

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	105 lumens
Maintained Lamp O/P	185 lumens (LUM8/M)
Construction	3 part self-extinguishing unit incorporating a polycarbonate lens, ABS/PC alloy base and metal geartray. Colour: White
Dimensions	Length 343mm Height 78mm Depth 101mm
Weight	1.0kg (LUM8/NM) 1.2kg (LUM8/M)
Cable Entry	Drill guides on sides and one end. BESA in rear of fitting
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	8VA (LUM8/NM) 15VA (LUM8/M)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 4Ah
Light Source	300mm 8 Watt T5 fluorescent
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP40 (IP65 when seal fitted)
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

ORDER CODES

8W Luminaire, IP65, Non-maintained	LUM8/NM
8W Luminaire, IP65, Maintained	LUM8/M
Semi-recessing Bezel for 8W Luminaire, White	LUM8/RB
Pictogram, Arrow Down	LUM8/PAD
Pictogram, Arrow Left	LUM8/PAL
Pictogram, Arrow Right	LUM8/PAR

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10: LUMENEX EMERGENCY LIGHTING

Unilux Emergency Luminaire

- A flexible high light output luminaire
- A separate mounting bracket and battery compartment makes the Unilux easy to install and maintain
- Elegant and functional design



Unilux Luminaire

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	180 lumens
Maintained Lamp O/P	220 lumens (UNIH18/M and UNIH18/M/ST)
Construction	3 part self-extinguishing unit incorporating a polycarbonate lens, ABS/PC alloy base and metal geartray. Colour: White
Dimensions	Length 363mm Height 83mm Width 149mm
Weight	1.16kg
Cable Entry	16/20mm knockouts on side/end of fitting Provision for rear BESA box mountings
Power Consumption	6VA Non maintained 26VA Maintained
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 3.6V 4Ah
Light Source	8 Watt T5 fluorescent
Indicators	Green LED / Manual Test Switch
Self-test Indicator	Green, Amber, Red LED / Auto test
Operating Temperature	0 to +35°C
Ingress Protection	IP20
Certification	CE

ORDER CODES

High Light Output 8W Luminaire, IP20, Non-maintained	UNIH18/NM
High Light Output 8W Luminaire, IP20, Maintained	UNIH18/M
Self-test High Light Output 8W Luminaire, IP20, Non-maintained	UNIH18/NM/ST
Self-test High Light Output 8W Luminaire, IP20, Maintained	UNIH18/M/ST
Pictogram, Arrow Down	LUM8/PAD
Pictogram, Arrow Left	LUM8/PAL
Pictogram, Arrow Right	LUM8/PAR

10: LUMENEX EMERGENCY LIGHTING

High Light 8W Luminaire

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High Light 8W Luminaire

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	180 lumens
Maintained Lamp O/P	220 lumens (LUMHIGH/M and LUMHIGH/M/ST)
Construction	3 part self-extinguishing unit incorporating a polycarbonate lens, ABS/PC alloy base and steel geartray. Colour: White
Dimensions	Length 370mm Height 87mm (with recess bezel 44mm) Depth 140mm
Weight	1.8kg (LUMHIGH/NM) 2.1kg (LUMHIGH/M) 1.9kg (LUMHIGH/NM/ST) 2.2kg (LUMHIGH/M/ST)
Cable Entry	Gland entry points in end walls of base. BESA in rear of fitting
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	9VA (LUMHIGH/NM) 19VA (LUMHIGH/M) 10VA (LUMHIGH/NM/ST) 21VA (LUMHIGH/M/ST)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 3.6V 4Ah
Light Source	300mm 8 Watt T5 fluorescent
Monitor	High intensity red LED monitoring charger output and battery connection
Self-test Monitor	High intensity red and green LED monitoring luminaire status
Operating Temperature	0 to +25°C
Ingress protection	IP65
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

- Cost effective lighting solution for both interior and exterior applications
- Designed to minimise panic and assist finding the escape routes
- Energy efficient illumination provided by a 28W 2D fluorescent lamp
- Maintained/non-maintained versions
- Weatherproof (IP65 rating)
- Snap-fit construction
- Simple to install with 20mm gland rear entry and drill points
- Strong, neutral coloured polycarbonate base and PMMA diffuser
- Clean, simple styling with rugged durability

ORDER CODES

High Light Output 8W Luminaire, IP65, Non-maintained	LUMHIGH/NM
High Light Output 8W Luminaire, IP65, Maintained	LUMHIGH/M
Self-test High Light Output 8W Luminaire, IP65, Non-maintained	LUMHIGH/NM/ST
Self-test High Light Output 8W Luminaire, IP65, Maintained	LUMHIGH/M/ST
Pictogram, Arrow Down	LUM8/PAD
Pictogram, Arrow Left	LUM8/PAL
Pictogram, Arrow Right	LUM8/PAR

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10: LUMENEX EMERGENCY LIGHTING

28W Antipanic Luminaire

- Cost effective lighting solution for both interior and exterior applications
- Designed to minimise panic and assist finding the escape routes
- Energy efficient illumination provided by a 28W 2D fluorescent lamp
- Maintained/non-maintained versions
- Weatherproof (IP65 rating)
- Snap-fit construction
- Simple to install with 20mm gland rear entry and drill points
- Strong, neutral coloured polycarbonate base and PMMA diffuser
- Clean, simple styling with rugged durability



Circular 28W Luminaire

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	380 lumens
Maintained Lamp O/P	2000 lumens (LUMCIRC28/M)
Construction	Circular unit incorporating a polycarbonate base, PMMA diffuser and removable steel geartray. Colour: White
Dimensions	Diameter 360mm Height 90mm
Weight	2.7kg (LUMCIRC28/NM) 3.3kg (LUMCIRC28/M)
Cable Entry	20mm gland entry points in rear of fitting
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	9VA (LUMCIRC28/NM) 63VA (LUMCIRC28/M)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 4.8V 4Ah
Light Source	28 Watt 2D fluorescent
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP65
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

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Circular 28W Luminaire, LUMCIRC28/NM
IP65, Non-maintained

Circular 28W Luminaire, LUMCIRC28/M
IP65, Maintained

10: LUMENEX EMERGENCY LIGHTING

Rectangular 8W Exit Sign

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Rectangular Exit Sign

- Cost effective lighting solution for interior applications
- Suitable for mounting on emergency escape routes as defined by BS 5266
- Maintained/non-maintained versions
- Single-sided low profile unit with pictogram accessible from bottom entry
- Integral threshold down-lighter
- Robust construction for simple surface-mounted installation
- Range of self-adhesive pictogram options

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	105 lumens
Maintained Lamp O/P	185 lumens (LUMRECT/M)
Construction	Rectangular sheet steel housing, incorporating self-extinguishing opal exit screen and down-lighter. Colour: White
Dimensions	Length 425mm (pictogram 395mm) Height 190mm (pictogram 160mm) Depth 60mm
Weight	2.3kg (LUMRECT/NM) 2.4kg (LUMRECT/M)
Cable Entry	20mm knockouts in side, top and rear. Rear BESA box mounting provision
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	8VA (LUMRECT/NM) 15VA (LUMRECT/M)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 4Ah
Light Source	300mm 8 Watt T5 fluorescent
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

ORDER CODES

Rectangular 8W Exit Sign, IP20, Non-maintained	LUMRECT/NM
Rectangular 8W Exit Sign, IP20, Maintained	LUMRECT/M
Pictogram for Rectangular Exit Sign, Arrow Down	LUMRECT/PAD
Pictogram for Rectangular Exit Sign, Arrow Left	LUMRECT/PAL
Pictogram for Rectangular Exit Sign, Arrow Right	LUMRECT/PAR

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10: LUMENEX EMERGENCY LIGHTING

LED Exit Sign

- Cost effective lighting solution for interior applications
- Stylish surface - mounted unit requiring ultra-low maintenance/running cost
- Maintained (or non-maintained via link)
- Housing constructed from sheet steel and white PC/ABS
- Simple to install:
 - (1) Steel back box can be "first-fixed" to the wall
 - (2) Steel gear tray is then assembled and the terminal block wired up
 - (3) Plastic cover is then snapped in position over the whole assembly
- Two pre-punched 20mm holes in the rear of the back box
- 20mm conduit entry in the top of the housing allows for surface wiring
- Self-test facility option (for testing to BS 5266)
- Supplied with single-sided pictogram already fitted (LUMLED/PAD)
- Uniform LED lit surface with a range of optional pictograms

ORDER CODES

Exit Sign, IP20, Maintained (or non-maintained via link) LUMLED/W

Self-test LED Exit Sign, IP20, Maintained (or non-maintained via link) LUMLED/W/ST

Pictogram for LED Exit Sign, Arrow Down LUMLED/PAD

Pictogram for LED Exit Sign, Arrow Down, Double Sided LUMLED/PAD/DS

Pictogram for LED Exit Sign, Arrow Left LUMLED/PAL

Pictogram for LED Exit Sign, Arrow Left, Double Sided LUMLED/PAL/DS

Pictogram for LED Exit Sign, Arrow Right LUMLED/PAR

Pictogram for LED Exit Sign, Arrow Right, Double Sided LUMLED/PAR/DS



LED Exit Sign with pictogram

TECHNICAL SPECIFICATION

Emergency Duration	3 hours
Emergency Lamp O/P	N/A
Maintained Lamp O/P	N/A
Construction	PC/ABS cover, sheet steel rear housing and geartray Clear dot-printed LED blade. Colour: White
Dimensions	Length 308.5mm (pictogram 316mm) Height 255mm (pictogram 170.5mm) Depth 53.5mm
Weight	1.3kg (LUMLED/W) 1.4kg (LUMLED/W/ST)
Cable Entry	20mm in rear or top of fitting Provision for BESA box entry
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	5VA (LUMLED/W) 6VA (LUMLED/W/ST)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 1.2Ah (LUMLED/W) Nickel metal hydride 3.6V (LUMLED/W/ST)
Light Source	In moulded LED blade
Monitor	High intensity red LED monitoring charger output and battery connection
Self-test Monitor	High intensity red and green LED monitoring luminaire status
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

10: LUMENEX EMERGENCY LIGHTING

Hanging LED Exit Sign – Brass Effect

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Hanging LED Exit Sign with Pictogram

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	N/A
Maintained Lamp O/P	N/A
Construction	Aluminium housing with sheet steel top box. Clear dot-printed LED blade. Colour: Brass Effect
Dimensions	Length 300mm Height top box 32mm Height sign 260mm (pictogram 173mm) Chain height variable Depth top box 70mm Depth sign 47mm
Weight	2.0kg
Cable Entry	20mm hole in top box. Provision for BESA box entry
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	5VA
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 1.2Ah
Light Source	In moulded LED blade
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

- Effective and flexible design for high profile interior applications
- Chain mounting system allows unit to blend in with decorative lighting
- Maintained (or non-maintained via link)
- Attractively styled unit requiring ultra-low maintenance/running cost
- Housing constructed from anodised extruded aluminium
- Upper steel top box is used for termination
- Unit supplied ready assembled with a one metre long supply cable
- No need to open the housing unless an alternative pictogram is required
- Supplied with single-sided pictogram already fitted (LUMLED/PAD)
- Uniform LED lit surface with a range of optional pictograms

ORDER CODES

Hanging LED Exit Sign, LUMEXIT/B
IP20, Brass Effect, Maintained
(or non-maintained via link)

Pictogram for LED Exit Sign, LUMLED/PAD
Arrow Down

Pictogram for LED Exit Sign, LUMLED/PAD/DS
Arrow Down, Double Sided

Pictogram for LED Exit Sign, LUMLED/PAL
Arrow Left

Pictogram for LED Exit Sign, LUMLED/PAL/DS
Arrow Left, Double Sided

Pictogram for LED Exit Sign, LUMLED/PAR
Arrow Right

Pictogram for LED Exit Sign, LUMLED/PAR/DS
Arrow Right, Double Sided

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10: LUMENEX EMERGENCY LIGHTING

Hanging LED Exit Sign – White

- Effective and flexible design for high profile interior applications
- Chain mounting system allows unit to blend in with decorative lighting
- Maintained (or non-maintained via link)
- Attractively styled slimline unit requiring ultra-low maintenance/running cost
- Housing constructed from powder coated extruded aluminium
- Upper steel top box is used for termination
- Unit supplied ready assembled with a one metre long supply cable
- Self-test facility option (for testing to BS 5266)
- No need to open the housing unless an alternative pictogram is required
- Supplied with single-sided pictogram already fitted (LUMLED/PAD)
- Uniform LED lit surface with a range of optional pictograms

ORDER CODES

Hanging LED Exit Sign, LUMEXIT/W
IP20, White, Maintained
(or non-maintained via link)

Self-test Hanging LED Exit Sign, LUMEXIT/W/ST
IP20, White, Maintained
(or non-maintained via link)

Pictogram for LED Exit Sign, LUMLED/PAD
Arrow Down

Pictogram for LED Exit Sign, LUMLED/PAD/DS
Arrow Down, Double Sided

Pictogram for LED Exit Sign, LUMLED/PAL
Arrow Left

Pictogram for LED Exit Sign, LUMLED/PAL/DS
Arrow Left, Double Sided

Pictogram for LED Exit Sign, LUMLED/PAR
Arrow Right

Pictogram for LED Exit Sign, LUMLED/PAR/DS
Arrow Right, Double Sided



Hanging LED Exit Sign with Pictogram

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	N/A
Maintained Lamp O/P	N/A
Construction	Aluminium housing with sheet steel top box. Clear dot-printed LED blade. Colour: White
Dimensions	Length 300mm (pictogram 316mm) Height top box 46mm Height sign 232mm (pictogram 172mm) Chain height variable Depth top box 70mm Depth sign 32mm
Weight	2.1kg (LUMEXIT/W) 2.2kg (LUMEXIT/W/ST)
Cable Entry	20mm hole in top box. Provision for BESA box entry
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	5VA (LUMEXIT/W) 6VA (LUMEXIT/W/ST)
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 1.2Ah (LUMEXIT/W) Nickel metal hybride (LUMEXIT/W/ST)
Light Source	In moulded LED blade
Monitor	High intensity red LED monitoring charger output and battery connection
Self-test Monitor	High intensity red and green LED monitoring luminaire status
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

10: LUMENEX EMERGENCY LIGHTING

Recessed LED Exit Sign

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Recessed LED Exit Sign with Pictogram

TECHNICAL SPECIFICATION	
Emergency Duration	3 hours
Emergency Lamp O/P	N/A
Maintained Lamp O/P	N/A
Construction	Sheet steel housing, bezel and hinge gear tray. Clear dot-printed LED blade. Colour: White
Dimensions	Length 395mm (recessed base 358mm, pictogram 316mm) Height 7mm (recessed base 85mm, pictogram 165mm) Depth 143mm (recessed base 105mm)
Weight	2.7kg
Cable Entry	20mm hole in top on fitting. Provision for BESA box entry
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	5VA
Recharge Period	24 hours for full 3 hour duration
Battery	NiCad 2.4V 1.2Ah
Light Source	In moulded LED blade
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

- Cost effective lighting solution for interior applications
- Slim profile unit requiring ultra - low maintenance / running cost
- Maintained (or non-maintained via link)
- Ideally suited for areas where there is a height restriction with false ceilings
- Fully recessable housing constructed from sheet steel
- Main housing supplied with drill points and BESA box mounting
- Simple to install
- Tabs in one end of the geartray can be swung open for quick wiring
- Supplied with single-sided pictogram already fitted (LUMLED/PAD)
- Uniform LED lit surface with a range of optional pictograms

ORDER CODES

Recessed LED Exit Sign, IP20, Maintained (or non-maintained via link)	LUMRECESS
Pictogram for LED Exit Sign, Arrow Down	LUMLED/PAD
Pictogram for LED Exit Sign, Arrow Down, Double Sided	LUMLED/PAD/DS
Pictogram for LED Exit Sign, Arrow Left	LUMLED/PAL
Pictogram for LED Exit Sign, Arrow Left, Double Sided	LUMLED/PAL/DS
Pictogram for LED Exit Sign, Arrow Right	LUMLED/PAR
Pictogram for LED Exit Sign, Arrow Right, Double Sided	LUMLED/PAR/DS

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10: LUMENEX EMERGENCY LIGHTING

2 x 18W Twinlight

- Suitable for interior applications
- Cost-effective solution for large open areas with undefined escape routes
- Non-maintained
- Ideal for illuminating areas which could become dangerous if mains power fails
- Stylish design features adjustable lamps with polycarbonate lenses
- Snap-fit construction
- Simple to install
- Maintenance-free batteries
- A high intensity LED on the unit front indicates healthy supply
- Independent lamp tests give indications of both left and right lamp integrity



18W Twinlight

TECHNICAL SPECIFICATION

Emergency Duration	3 hours
Emergency Lamp O/P	2 x 264 lumens
Maintained Lamp O/P	N/A
Construction	3 part assembly comprising an ABS housing, steel geartray and two polycarbonate fronted projectors. Colour: Buff
Dimensions	Length 368mm (base housing 325mm) Height 283mm (base housing 155mm) Depth 115mm
Weight	6.5kg including battery
Cable Entry	20mm knockouts in one end and rear of fitting
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	30VA
Recharge Period	24 hours for full 3 hour duration
Battery	2 x sealed Lead Acid 6V 1.2Ah
Light Source	2 x 18 Watt Tungsten
Monitor	High intensity red LED monitoring charger output and battery connection. Amber LEDs monitoring left and right lamp integrity
Self-test Monitor	High intensity red & green LED monitoring luminaire status
Operating Temperature	0 to +30°C
IP Rating	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

ORDER CODES

Twinlight, 2 x 18W, 3-hour, IP20, LUMTWIN
Non-maintained

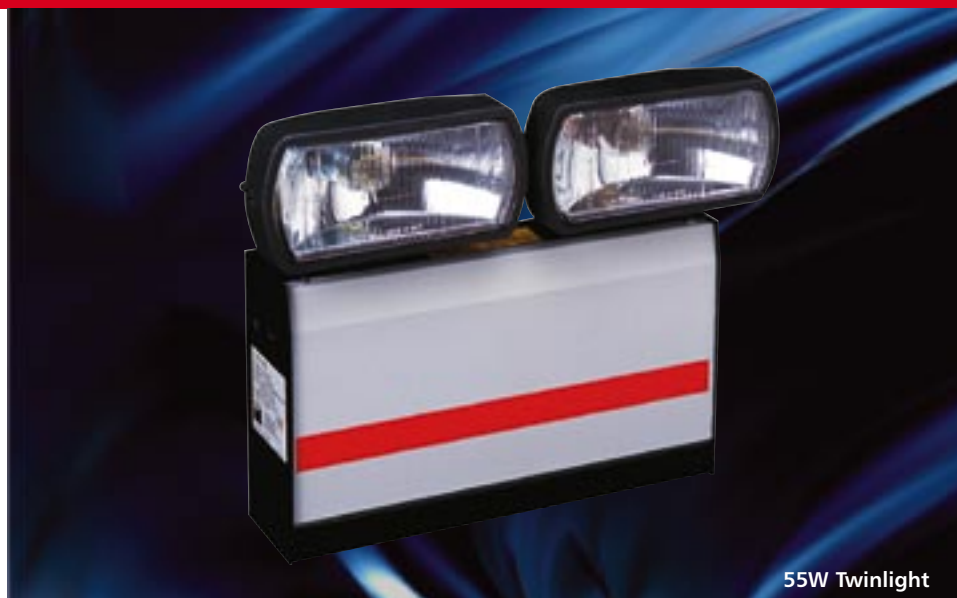
Self-test Twinlight, 2 x 18W, LUMTWIN/ST
3-hour, IP20, Non-maintained

10: LUMENEX EMERGENCY LIGHTING

2 x 55W Twinlight

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55W Twinlight

TECHNICAL SPECIFICATION	
Emergency Duration	1 hour
Emergency Lamp O/P	2 x 1100 lumens
Maintained Lamp O/P	N/A
Construction	Rectangular sheet steel enclosure finished in a two-tone durable powder coating with two polycarbonate, glass-fronted projectors. Colour: Black and Light Grey
Dimensions	Length 407mm (base enclosure 360mm) Height 385.8mm (base enclosure 265.8mm) Depth 117mm (base enclosure 112mm)
Weight	13.7kg including battery
Cable Entry	20mm conduit entry at each end of fitting
Supply Voltage	230Vac +/- 10% 50Hz
Power Consumption	30VA
Recharge Period	24 hours for full 1 hour duration
Battery	3 x sealed Lead Acid 12V 7Ah
Light Source	2 x 55 Watt Tungsten Halogen
Monitor	High intensity red LED monitoring charger output and battery connection
Operating Temperature	0 to +25°C
Ingress Protection	IP20
Warranty	1 year
Certification	CE - Ref. BS 4533 / EN 60598-2-22

- Suitable for interior applications
- High light output Tungsten Halogen projectors
- Cost-effective solution for large open areas with undefined escape routes
- Non-maintained
- Ideal for illuminating areas which could become dangerous if mains power fails
- Slimline design features adjustable lamps with glass lenses
- Robust construction
- Simple to install
- Maintenance-free batteries
- Mains healthy indicator

ORDER CODES

Tungsten Halogen Twinlight, LUMTWIN/TH
2 x 55W, 1-hour, IP20, Non-maintained

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10: LUMENEX EMERGENCY LIGHTING

Photometric Data

	Height (m)	Maximum permitted spacing (in metres) to achieve 0.2 lux				Maximum permitted spacing (in metres) to achieve 0.5 lux				Maximum permitted spacing (in metres) to achieve 1 lux			
		Tr-Tr	Ax-Ax	Tr-Wall	Ax-Wall	Tr-Tr	Ax-Ax	Tr-Wall	Ax-Wall	Tr-Tr	Ax-Ax	Tr-Wall	Ax-Wall
LUM8/NM	2.5	11.8	6.9	4.5	2.7	8.0	4.8	2.8	1.7	5.5	3.2	1.1	0.7
	3	12.3	7.3	4.5	2.8	8.0	4.8	2.5	1.5	4.8	2.8		
	4	12.6	7.6	4.4	2.6	7.3	4.3						
	6	11.9	7.0	1.1	0.8								
	8	5.2	3.2										
LUM8/M	2.5	10.7	6.4	4.0	2.5	7.1	4.3	2.3	1.4	4.5	2.6		
	3	11.0	6.6	4.0	2.4	6.9	4.1	1.7	1.1	2.8	1.7		
	4	11.2	6.8	3.6	2.2	4.8	2.9						
	6	9.3	5.6										
UNIH8/NM	2.5									12	6	5	2.5
	3									12.5	6	4.8	2.5
	4									12.4	6	3.6	2
UNIH8/M	2.5									12	6	5	2.5
	3									12.5	6	4.8	2.5
	4									12.4	6	3.6	2
LUMHIGH/NM	2.5	14.3	7.5	5.8	2.8	10.6	5.3	3.9	2.0	7.7	3.9	2.5	1.2
	3	15.3	7.9	6.1	2.9	10.8	5.5	3.8	1.9	7.4	3.7	2.0	0.8
	4	16.8	8.5	6.1	2.9	10.7	5.4	3.1	1.4	4.4	2.2		
	6	17.1	8.7	5.2	1.8	4.9	2.3						
	8	14.4	7.3										
	10	5.9	2.0										
LUMHIGH/M	2.5	13.6	7.1	5.5	2.8	9.9	5.0	3.6	1.8	7.0	3.5	2.1	1.0
	3	14.5	7.4	5.6	2.9	10.0	5.1	3.4	1.7	6.6	3.3		
	4	15.7	8.0	5.6	2.9	9.6	4.8	2.5	0.9	2.9	1.3		
	6	15.5	7.8	4.3	1.8								
	8	9.9	5.0										
	10												

Note: All photometric data has been compiled in accordance with BS 5225: Part 3 (Method of Photometric measurement of battery-operated emergency luminaires).

Key

- Tr-Tr Spacing transverse to transverse
- Tr-Wall Transverse distance to wall
- Ax-Ax Spacing axial to axial
- Ax-Wall Axial distance to wall
- Information currently not available – contact Gent
- Not applicable

10: LUMENEX EMERGENCY LIGHTING

Photometric Data

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		Illuminance perpendicular to beam (lux)			
		10m		20m	
		0 degrees	90 degrees	0 degrees	90 degrees
LUMTWIN					
(data for single lamp) 12V 18W filament lamp Lamp Output (1m):264	0 degrees	2.89	2.89	0.72	0.72
	10 degrees	6.31	1.87	1.58	0.47
	20 degrees	1.25	0.35	0.31	0.09
	30 degrees	0.24	0.25	0.06	0.06
	40 degrees	0.18	0.23	0.05	0.06
	50 degrees	0.16	0.23	0.04	0.06
	60 degrees	0.11	0.12	0.03	0.03
		Illuminance perpendicular to beam (lux)			
		10m		20m	
		0 degrees	90 degrees	0 degrees	90 degrees
LUMTWIN/TH					
(data for single lamp) 12V 55W filament lamp Lamp Output (1m):1500	0 degrees	248.55	248.55	62.14	62.14
	10 degrees	3.09	6.85	0.77	1.71
	20 degrees	1.74	2.77	0.44	0.69
	30 degrees	1.07	0.84	0.27	0.21
	40 degrees	1.54	0.84	0.39	0.21
	50 degrees	2.20	1.02	0.55	0.26
	60 degrees	1.73	0.74	0.43	0.19

	LUMINAIRE UTILISATION FACTOR DATA (self-contained luminaires at zero reflectance)								
	Room Index (RI)								
	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
LUM8	-	0.25	0.28	0.31	0.37	0.40	0.43	0.47	0.50
LUMHIGH	-	0.29	0.33	0.37	0.44	0.48	0.52	0.56	0.59

Note: All photometric data has been compiled in accordance with BS 5225: Part 3 (Method of Photometric measurement of battery-operated emergency lighting luminaires).