

# The Viscount LedLite

## The Viscount LedLite is an exterior IP65 Bulkhead incorporating SMD-LED technology

The Viscount LedLite is an IP65 bulkhead designed for exterior and interior lighting applications both in terms of general support light and also emergency lighting. It is constructed with a white polycarbonate body and fitted with a sealed clear polycarbonate diffuser. The LEDs are on a single 5050 SMD LED PCB strip mounted within the bulkhead and available either as an emergency bulkhead with battery back-up or for general mains supply lighting with driver.

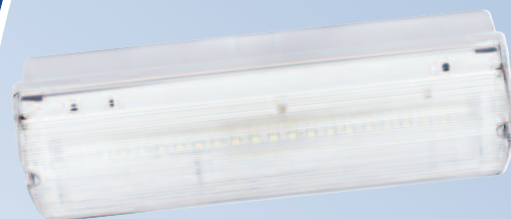
### Features

- Energy Efficient with High Output SMD (Surface Mount Diode) LED Technology for Illumination
- IP65 rated and constructed from polycarbonate finished with white trim
- Options for battery back-up or mains supply only
- Universal model for maintained or non-maintained as standard
- Gear tray configuration for the LED PCB with driver and battery packs concealed
- Clear Polycarbonate Diffuser
- Available for fixed output or emergency lighting and can be supplied with integral photocell
- 50,000 hours LED life
- Self adhesive legend sign option
- Also available with semi-recessed mounting kit

### Applications

- Hospitals
- Hotels
- Residential Care Homes
- General Commercial Buildings
- Apartment Complexes

Always ensure the fitting is fully earthed. **Important:** Installation must only be carried out by a Qualified Electrician. Morgan Hope Ltd reserves the right to change specification details without notice.



For further information and technical data please contact **Morgan Hope Industries Limited:**

Tel: **+44 (0)1704 512000** Fax: **+44 (0)1704 542632**  
E-Mail: **info@morganhope.com** **www.morganhope.com**

Units 5 & 6, Blowick Industrial Park, Crowland Street, Southport, Merseyside, PR9 7RU, England

**morganhope**  
INDUSTRIES LTD

Light **Where** you need it, **When** you need it

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## Technical Data

**Model Types:** Viscount LedLite-EM3 – Universal Maintained/Non-maintained (supplied with link wire connector to set as Maintained or Non-maintained) Viscount LedLite-MS – For mains switching only (no battery back-up)

**Construction:** White polycarbonate base with clear polycarbonate diffuser and white powder coated hinged steel gear tray.

**Supply:** Input 230V - 240V

**Driver:** DC Power Supply to operate LED circuits

**Consumption:** Approximately 6 watts  $\pm$  5%

**Output:** 245 lumens for "MS" Mains Supply  
110 lumens for "EM3"

**Lamp protection:** overcharge and discharge

**Charge Indicator:** Green LED

## Technical Data

**Charge time:** 24 hours

**Discharge time:** 3 hours

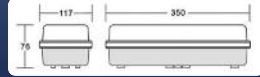
**Battery Specification:** 4.8V 1800mAh Nicad Battery

**Operating Temperature:** -20°C to + 45°C

**Colour Temperature:** Cool White: 6500K  
Natural White: 4000K  
Warm White: 3500K

**Water Ingress Rating:** IP65

**Photocell:** Option available with both models suffix Model Code with "PC"

**Measurement:** 

**Certification:** EN 60598-1 and EN60598-2-22 CE - RoHS

## Emergency Spacing Data - Maintained Emergency

Mounting Height (m)	Axial to Wall			Axial to Axial			Transverse to Axial			Transverse to Transverse			Transverse to Wall		
	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx
2.0	3.3	2.5	2.0	7.8	6.0	4.9	9.1	6.9	5.5	10.8	7.7	6.2	4.2	3.2	2.3
2.2	3.4	2.6	2.0	8.1	6.3	5.0	9.4	7.1	5.7	11.0	8.0	6.4	4.4	3.3	2.3
2.5	3.6	2.7	2.0	8.6	6.6	5.2	9.8	7.5	5.7	11.3	8.4	6.5	4.6	3.4	2.4
3.0	3.9	2.8	1.9	9.3	7.1	5.4	10.6	8.0	5.9	12.0	9.0	6.3	4.9	3.2	2.5
4.0	4.2	2.7	1.1	10.5	7.6	5.3	11.9	8.2	6.0	13.4	8.9	6.8	5.3	3.5	1.9
5.0	4.4	2.2	-	11.4	7.7	3.8	12.9	8.6	3.9	14.6	9.5	4.8	5.2	3.3	-
6.0	4.3	0.7	-	11.9	7.3	1.0	12.9	8.4	1.1	14.4	9.5	2.7	5.4	2.6	-
8.0	3.4	-	-	12.2	3.1	-	13.6	3.2	-	15.1	4.5	-	4.6	-	-
10.0	-	-	-	11.1	-	-	12.7	-	-	14.6	-	-	-	-	-
12.0	-	-	-	6.5	-	-	6.6	-	-	9.1	-	-	-	-	-
15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## Emergency Spacing Data - Non Maintained Emergency

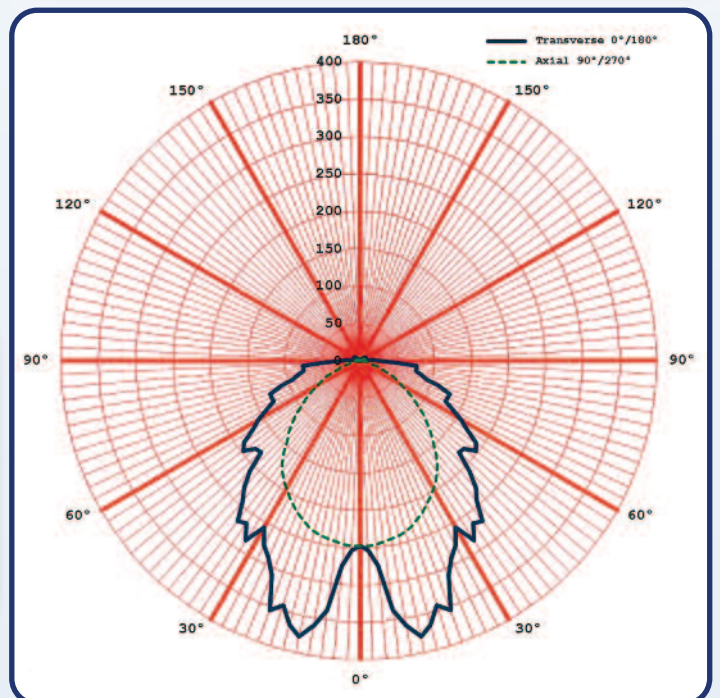
Mounting Height (m)	Axial to Wall			Axial to Axial			Transverse to Axial			Transverse to Transverse			Transverse to Wall		
	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx	0.2 lx	0.5 lx	1.0 lx
2.0	3.4	2.6	2.1	8.1	6.3	5.1	9.6	7.2	5.8	11.3	8.1	6.6	4.4	3.4	2.6
2.2	3.6	2.7	2.1	8.5	6.6	5.3	9.9	7.5	6.0	11.7	8.4	6.8	4.6	3.5	2.5
2.5	3.8	2.8	2.2	9.0	7.0	5.5	10.4	7.9	6.2	12.1	8.9	7.1	4.8	3.6	2.6
3.0	4.1	3.0	2.1	9.7	7.5	5.8	11.1	8.4	6.3	12.6	9.5	6.9	5.2	3.5	2.7
4.0	4.5	3.0	1.6	11.1	8.1	5.9	12.6	8.8	6.6	14.1	10.0	7.3	5.7	3.7	2.2
5.0	4.7	2.7	-	12.0	8.4	5.2	13.7	9.2	5.7	15.3	10.1	6.9	5.5	3.7	-
6.0	4.7	1.8	-	12.7	8.2	2.8	13.9	9.3	2.8	15.9	10.4	4.0	5.8	3.0	-
8.0	4.1	-	-	13.3	5.1	-	14.6	5.1	-	16.0	6.6	-	5.7	-	-
10.0	2.0	-	-	12.7	-	-	14.6	-	-	16.4	-	-	4.5	-	-
12.0	-	-	-	9.6	-	-	9.6	-	-	11.8	-	-	-	-	-
15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## UTILISATION FACTORS UF (F)

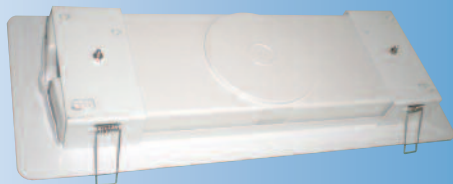
Light Output Ratios ULOR 0.04  
DLOR 0.96  
LOR 1.00

Spacing to Height Ratios SHR NOM 1.75  
SHR MAX 1.82  
SHR MAX TRANS 2.11

Room Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
.70	.50	.20	N/A	.68	.75	.79	.86	.90	.93	.97	1.00
	.30		N/A	.61	.67	.72	.80	.84	.88	.93	.96
	.10		N/A	.55	.62	.67	.75	.80	.83	.89	.93
.50	.50	.20	N/A	.66	.72	.76	.82	.86	.89	.93	.95
	.30		N/A	.59	.66	.70	.77	.81	.85	.89	.92
	.10		N/A	.55	.61	.66	.72	.77	.81	.86	.89
.30	.50	.20	N/A	.64	.69	.73	.79	.82	.85	.88	.91
	.30		N/A	.58	.64	.68	.74	.78	.81	.85	.88
	.10		N/A	.54	.60	.64	.71	.75	.78	.83	.86
.00	.00	.00	N/A	.51	.56	.61	.67	.71	.73	.78	.80



Semi-recessed mounting kit for the Viscount requiring a cut-out in the ceiling of 355mm x 120mm.



Semi-recessed mounting kit

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