SOMERSET

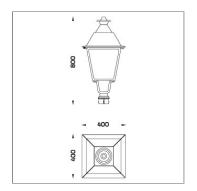
POLE MOUNTED LIGHT



LAST UPDATE: 03-11-2025



Step back in time with the SOMERSET, a Victorian-inspired LED post-top/ wall mount luminaire that brings timeless beauty to modern lighting. Its ornate details and classic silhouette capture the elegance of a past era, making it the perfect choice for period homes, historic districts, and any landscape seeking a touch of vintage charm. The SOMERSET provides bright, efficient illumination for gardens, parks, pedestrian walkways, and more, all while maintaining a sense of refined sophistication. Built to last with high-durability materials, it withstands the elements and installs easily on 76 mm diameter posts or wall brackets.



Technical Data



Ordering Code: 7738-L-3-003-XX

Lamp: LED

Beam: T5 - Wide Symmetric

CCT: 3000 K CRI: CRI >80 SDCM: SDCM = 5Luminaire Lumen : 3900 lm Luminaire Wattage: 40 W Efficacy: 97 lm/W Ambient Temperature: 50°C

Lumen Maintenance L70B10 >147,000 h [@25°C]

Controller: On-Off

Input Voltage: 220-240Vac 50/60Hz

Net Weight: 7.00 kg.

Ordering code guide XXXX-X-X-XXX-XX Product Code Reflector C D E Electrical Component



Lamp Color

Icon definition

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP66 Class I

IK Rating Protection against mechanical impact IKO8

Luminaires Body Housing Durable high-pressure die-cast aluminum alloy for excellent mechanical performance.

The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily **Coating Process**

> coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting

protection aga

Advanced molded PC lens offering diverse light distribution patterns. Lens

Gasket Temperature-resistant silicone gasket engineered for durability in harsh conditions [-40°C to +200°C].

External Screws Durable stainless steel screws with anti-corrosion grease for extended lifespan.

M16 cable gland for secure cable entry, compatible with HO5RN-F/HO7RN-F cables (5-10mm). Cable Entry

Led Premium LED module with top-tier chips, mounted on MCPCB for heat efficiency. Certified constant current LED driver meeting all EMC and safety requirements. Driver

Enhanced Protection Integrated 10kV surge protection with LED status indicator, compliant with IEC61643-11. Pressure equalization element ensuring

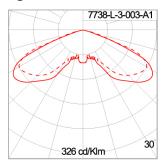
optimal performance in varying conditions.

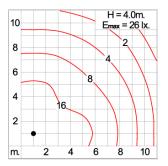
Internal Wire Reliable silicone-insulated tinned copper internal wire, designed for -40° C to $+180^{\circ}$ C. Pre-Wire Cable Certified pre-wired 3x0.1.0 sqmm cable, featuring HO7RN-F neoprene insulation. Caution Installation must be performed as per the provided installation instructions.

Black A1 Graphite C2 Dark Grey C3 Aluminum Silver C4 White C6 Corten C8

Light Distribution

Color





online@unilamp.co.th

www.unilamp.co.th

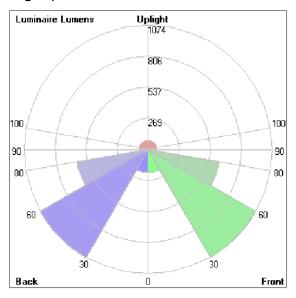
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	198.5	5.1	5.1
FM	[30-60]	1074.4	27.5	27.5
FH	[60-80]	623.3	16.0	16.0
FVH	[80-90]	12.0	0.3	0.3
BL	[0-30]	198.5	5.1	5.1
ВМ	[30-60]	1074.4	27.5	27.5
ВН	[60-80]	623.3	16.0	16.0
BVH	[80-90]	12.0	0.3	0.3
UL	[90-100]	11.5	0.3	0.3
UH	[100-180]	72.6	1.9	1.9
Total		3900.5	100.0	100.0
BUG Rat	ting	B2-U3-G1		

SOMERSET

POLE MOUNTED LIGHT

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Accessories



Ordering Code: POLE Please contact Sales Representative



Ordering Code: AUN-ACB-0008-00 Anchor bolt kit, pole diameter 102mm and 151x102mm, galvanized steel pole



Ordering Code: AUN-ACB-0005-00 Anchor bolt kit, aluminum pole