

# XSP Series

XSPW™ LED Wall Mount Luminaire



**CREE** LIGHTING

## Product Description

The XSPW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall mounted applications. The rugged lightweight aluminum housing and mounting box are designed for easy installation. The luminaire allows for through-wired or conduit entry from the top, bottom, sides and rear. The housing design is intended specifically for LED technology including a weathertight LED driver compartment and thermal management. Optic design features industry-leading NanoOptic® Precision Delivery Grid™ system.

**Applications:** General area and security lighting.



## Performance Summary

NanoOptic® Precision Delivery Grid™ optic

**IP Rating:** IP66

**CCT:** 3000K, 4000K; 5700K (CRI Minimum 70)

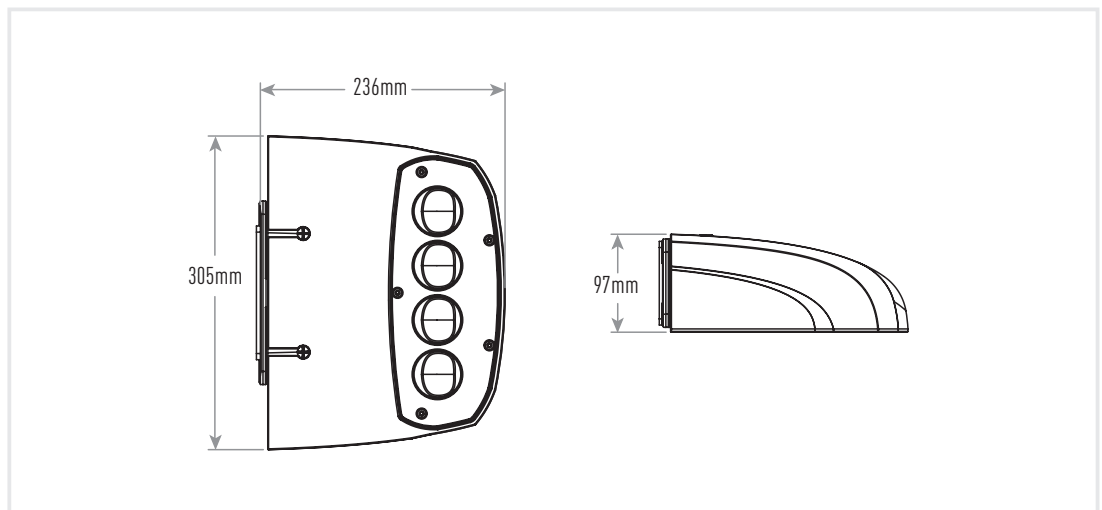
**Limited Warranty:** 10 years

Example: XSPW-E-WM-2ME-2L-40K--+24-SV

## Ordering Information

XSPW	- E	- WM	- 2ME	- 2L	- 40K	- +	- 24	- SV	-
Product	Version	Mounting	Optic	Lumen Package	CCT	Insulation Class	Voltage	Finish	Option
XSPW	- E	- WM Wall	- 2ME Type II medium  3ME Type III medium	- 2L 18W  4L 30W  6L 47W  8L 66W	- 30K 3000K  40K 4000K  57K 5700K	- + Class 1	- 24 220-240V	- SV Silver  BK Black  BZ Bronze  WH White	- No code Fixed output  DD DALI dimming

Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.



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## FEATURES

- Full cut-off optics (NanoOptic® Precision Delivery Grid™)
- Lumen output: up to 8500lm
- Efficacy: Up to 148lm/W
- CCT: 3000K, 4000K, 5700K (CRI Minimum 70)
- Initial Colour Consistency: 4 steps MacAdam
- Input Voltage: 220-240V
- Power factor: > 0.9 at full load
- Lifetime: L80F10 Up to >100Khrs Ta=25°C (>100Khrs L80 IESNA TM-21)
- Surge protection: 10kV CM/DM surge immunity according to EN 61000-4-5 and EN 61547
- Operative temperature: -40°C up to +40°C
- Insulation class: Class I
- Enclosure rated IP66 per IEC 60529
- Impact resistance IK08
- LED Board equipped with integral ESD and Surge protection
- Weight: 6 Kg

## CONSTRUCTIONS AND MATERIALS

- Die cast, low copper <0,1%, aluminum alloy housing for long weathering and reliability
- Luminaire housing specifically designed for LED applications with advanced LED thermal management and driver
- Luminaire can be direct mounted to a wall and surface wired
- Conduit entry from top, bottom, sides, and rear
- Designed for easy through-wiring
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion.

## WARRANTY AND CERTIFICATIONS

- Limited Warranty: 10 years finish
- CE mark
- CB mark
- ENEC mark
- RoHs compliant
- Risk group exempt
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Compliant to: EN 60598-1; EN 60598-2-3

## ELECTRICAL DATA\*

Input Power Designator	System Watts 220-240V	Total Current
		@230V, 50Hz
2L	18W	0,08A
4L	30W	0,13A
6L	47W	0,22A
8L	66W	0,29A

\*Electrical data at 25°C

<sup>1</sup> Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing  
<sup>2</sup> In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip  
<sup>3</sup> According with TM-21 the projected value can be just up to 6x time the test time

# XSP Series

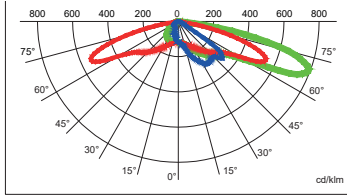
XSPW™ LED Wall Mount Luminaire



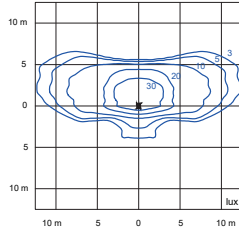
## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by an external certified laboratory. To obtain an IES file specific to your project consult: [www.creelighting-europe.com](http://www.creelighting-europe.com)

### 2ME - Type II Medium



— C0° - 180° — C90° - 270° — C20° - 200°



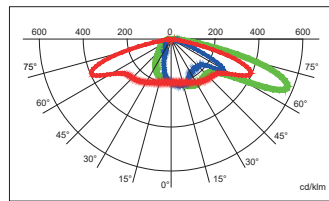
XSPW-E-2ME-4L-40K  
Mounting Height: 4m

LUMEN OUTPUT - 2ME (Type II Medium)			
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	2438	2513	2548
4L	4217	4253	4313
6L	6152	6340	6340
8L	8248	8500	8500

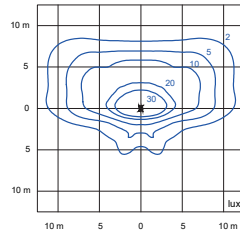
\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

Test Report #: 979-QL19-R02

### 3ME - Type III Medium



— C0° - 180° — C90° - 270° — C27.5° - 207.5°



XSPW-E-3ME-4L-40K  
Mounting Height: 4m

LUMEN OUTPUT - 3ME (Type III Medium)			
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	2428	2502	2537
4L	4110	4253	4295
6L	6126	6313	6313
8L	8213	8464	8464

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

Test Report #: 979-QL19-R03

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