XSP Series

XSPW™ LED Wall Mount Luminaire

Advanced LIGHTING TECHNOLOGIES | **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

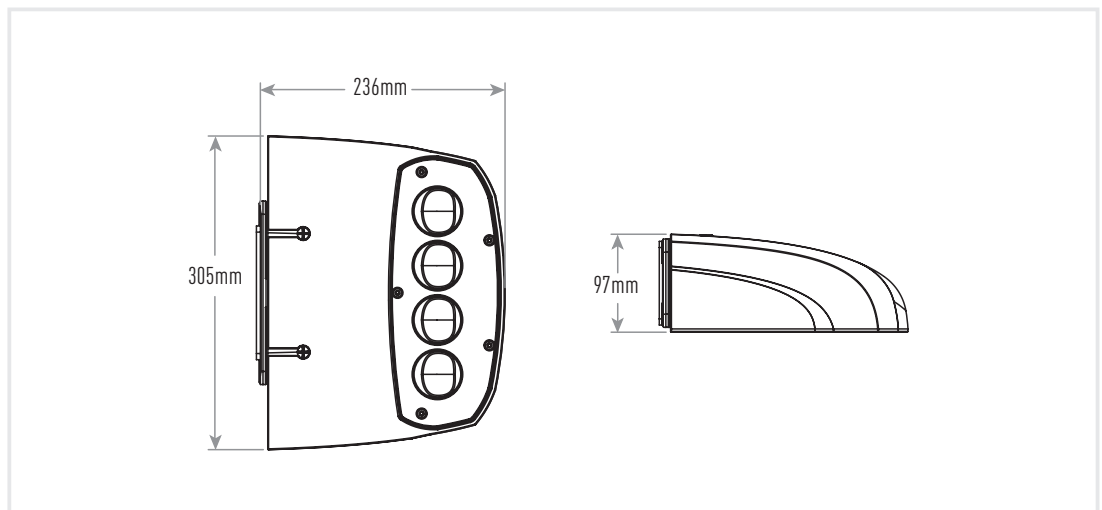**IP Rating: IP66**

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

Limited Warranty: 10 years

Ordering Information

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

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 **4ME** Type IV 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.

236mm
305mm
97mm

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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

[1] Lumen maintence values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing
[2] 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)
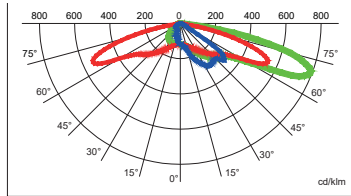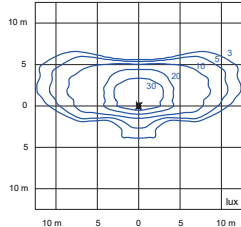[3] According with TM-21 the projected value can be just up to 6x time the test time

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by an exsternal certified laboratory. To obtain an IES file specific to your project consult: www.creelighting-europe.com

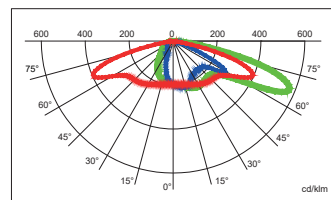### 2ME - Type II Medium

C0° - 180°
C90° - 270°
C20° - 200°

Test Report #: 979-QL19-R02

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

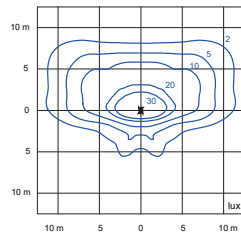| LUMEN OUTPUT - 2ME (Type II Medium)			
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	2438	2513	2548
4L	4217	4253	4313
6L	6152	6340	6340
8L	8248	8500	8500

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

3ME - Type III Medium

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

Test Report #: 979-QL19-R03
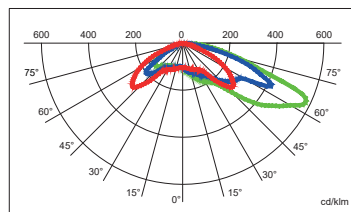
XSPW-E-3ME-4L-40K
Mounting Height: 4m

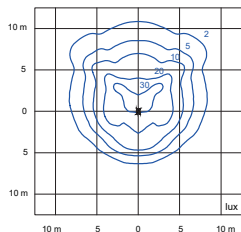| LUMEN OUTPUT - 3ME (Type III Medium)			
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	2428	2502	2537
4L	4110	4253	4295
6L	6126	6313	6313
8L	8213	8464	8464

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

4ME - Type IV Medium

C0° - 180°
C90° - 270°
C45° - 225°

Test Report #: 979-QL19-R04

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

LUMEN OUTPUT - 4ME (Type IV Medium)			
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	2512	2588	2537
4L	4251	4381	4443
6L	6337	6531	6531
8L	8496	8756	8756

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