Extend 2

RGB+W Vertical surface mount

PERFORMANCE PER LINEAR FOOT

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1000 lm/ft	16.4 W/ft	61 lm/W	SO

*Please consult factory for custom lumen output and wattage.

2 13/16"
2 1/2"
3/4"

SHIELDING DIRECT

SO Spotless Lens

IK10   IP66   c(UL)us Listed
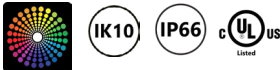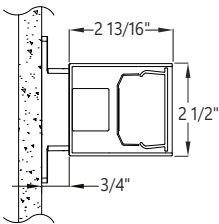
Ordering Guide

EX2S							
PRODUCT ID	**NOM. LUM/FT**	**CRI**	**COLOR TEMP.**	**SHIELDING**	**LENGTH (FT)**	**FINISH**	
EX2S Extend 2 Surface Vertical RGB+W	**1000** 1000 lm/ft	**90** 90 CRI	**CTRGBW30** RGB+30K White - Color Tuning **CTRGBW35** RGB+35K White - Color Tuning **CTRGBW40** RGB+40K White - Color Tuning	**SO** spotless lens	**4** 4' **5** 5' **6** 6' **7** 7' **8** 8' **12** 12' **S(L)** System Run 3" increments are available for lengths over 4 feet.	**AP** aluminum paint **W** white **BLK** black **C** custom	

	CT(DMX)		SBV			
VOLTAGE	**DRIVER**	**CIRCUITS**	**MOUNTING**	**OTHER (OPTIONAL)**	**CUSTOM(OPT.)**	
120 120 V **277** 277 V **UNV** universal	**CT(DMX)** color tuning driver	**1** 1 circuit **+E(#)** emergency circuit*	**SBV** surface bracket vertical	**+EF** end feed* **+N** natatorium finish	**C** custom	
		*Specify quantity. Minimum 3ft fixture length.		* See page 3 for more details.	Please specify	

FILE NAME: EX2S_SBV-RGBW.SPEC

Extend 2 | RGB+W Vertical surface mount

● CONSTRUCTION

|	
Housing	Extruded aluminum (0.08'' nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (18 gauge)
Gaskets	Silicone rubber
Lens Gaskets	Extruded elastomer
Lens	Extruded acrylic
Fasteners	All external fasteners are tamper proof TORX T20

● OPTICS

SO   Spotless lens

Impact modified PMMA lens used for all shielding options.

● SYSTEM (S(L))

Lengths of 4'-12' standalone are available. Runs of EXTEND2 that are greater than 12' in length are designated as systems (S(L)). System runs are comprised of a combination of 4' to 8' sections to be assembled on site using our joining system which includes a 1" sealed joiner plate. For more information on systems and joining, please refer to the EXTEND2 installation sheets available for download at www.axislighting.com.

1"
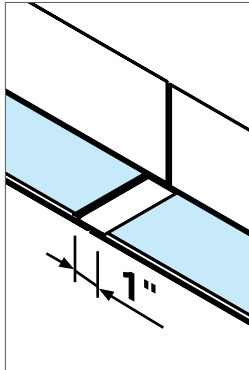
● WEIGHT

4 ft	8 lbs / 3.6 kg
8 ft	16 lbs / 7.2 kg
12 ft	24 lbs / 10.8 kg

● FINISH

Powder coated, custom finishes are available.

● OTHER MOUNTING OPTIONS

EXTEND 2 is also available with pendant, surface, and recessed mount options.

ⓘ Specification sheets and installation sheets for all mountings for EXTEND 2 luminaires are available for download at www.axislighting.com

● ELECTRICAL

Color Tuning CT driver	DMX - Standard
Emergency	Emergency circuit optional.
Input Voltage	120V, 277V, UNV.

ⓘ Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

|	
CRI	90 color rendering index.
CRI Color Tuning	**90 CRI for CTRGBW.** Note: RGB+W allows you to select the 'white point' (CCT) + CRI, delivering a more flexible and powerful white than standard RGBW.
CCT Color Tuning	**30** (3000K) **35** (3500K) **40** (4000K)
LED life	Minimum 50,000h with 85% of lumen maintenance in 25⁰C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and wet location rated IP66 for outdoor or indoor use. Impact resistant rated IK10.

● APPROVALS

Certified wet locations to UL and CUL standards. IP66 and IK10 rated.

● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.
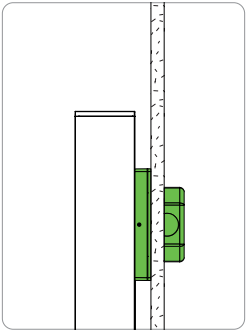
axis
axislighting.com

● *SECTION VIEWS*

SBV **Surface bracket vertical**

2 13/16"

2 1/2"

3/4"
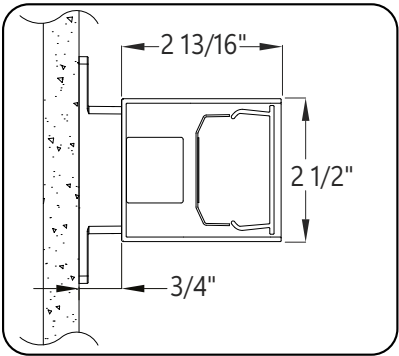
SO **Spotless lens**

● *POWER FEED*

WIRING THROUGH BRACKET

STANDARD

EF **END FEED**

OPTIONAL

FILE NAME:EX2S_SBV-RGBW.SPEC

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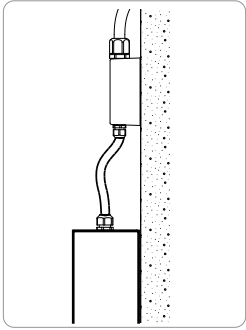
● **PHOTOMETRIC DATA**

SO - Spotless lens

1000 lm/ft

PHOTOMETRIC CURVE
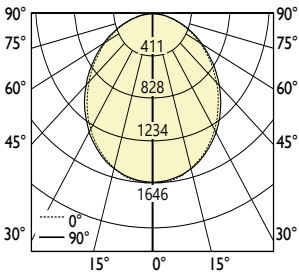
Lumen/ft: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 61 lm/W
IES FILE: EX2xx-1000-90-CTRGBW30-SO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1646	1646	1646	1646	1646
5	1634	1628	1630	1627	1633
15	1546	1540	1538	1534	1533
25	1383	1377	1372	1361	1360
35	1170	1165	1155	1139	1139
45	932	928	920	902	901
55	691	685	680	661	660
65	453	447	442	427	423
75	225	222	216	204	203
85	45	43	40	33	33
90	3	3	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	155
10-20	434
20-30	633
30-40	725
40-50	712
50-60	611
60-70	441
70-80	235
80-90	55
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	37266	36808	36045
55	34040	33539	32522
65	30318	29548	28317
75	24629	23651	22226
85	14481	12871	10860

ⓘ All IES files are available for download at: www.axislighting.com

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