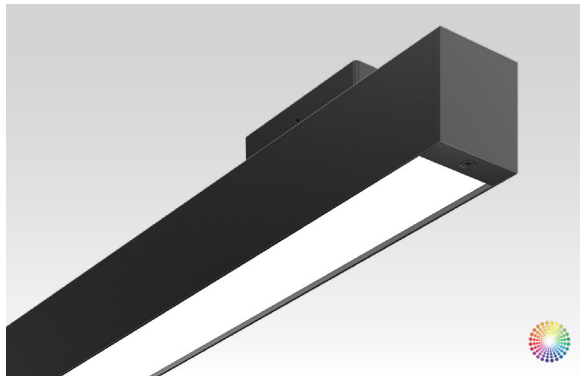


SHIELDING
DIRECT



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1000 lm/ft	16.4 W/ft	61 lm/W	SO
1050 lm/ft	16.4 W/ft	64 lm/W	GZ
1000 lm/ft	16.4 W/ft	61 lm/W	ASO
1000 lm/ft	16.4 W/ft	61 lm/W	BW
1000 lm/ft	16.4 W/ft	61 lm/W	WW

*Please consult factory for custom lumen output and wattage.



Ordering Guide

EX2S													
PRODUCT ID		NOM. LUM/FT		CRI		COLOR TEMP.		SHIELDING		LENGTH (FT)		FINISH	
EX2S	Extend 2 RGB+W Surface Mount	1000	1000 lm/ft	90	90 CRI	CTRGBW30	RGB+30K White - Color Tuning	SO	spotless lens	4	4'	AP	aluminum paint
								GZ	Graze	5	5'	W	white
								WW	Wallwash	6	6'	BLK	black
								ASO	Asymmetric	7	7'	C	custom
								BW	Batwing	8	8'		
										12	12'		
										S(L)	System Run		
								Choose only one of the options		3" increments are available for lengths over 4 feet.			

		CT(DMX)									
VOLTAGE		DRIVER		CIRCUITS		MOUNTING		OTHER (OPTIONAL)		CUSTOM(OPT.)	
120	120 V	CT(DMX)	color tuning driver	1	1 circuit	SB	surface bracket	+EF	end feed*	C	custom
277	277 V			+E(#)	emergency circuit*	S	surface ceiling*	+N	natatorium finish		
UNV	universal					SBBP	surface bracket with bird protection				
				*Specify quantity. Minimum 3ft fixture length.		* Requires opening fixture for installation.		* End Feed standard for S mounting		Please specify	

● 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

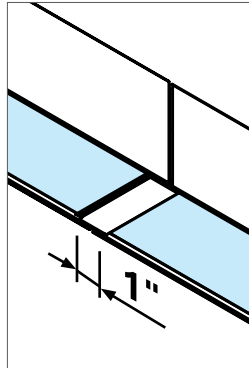


SO	Spotless lens;
ASO	Asymmetric Spotless lens;
WW	Wallwash;
BW	Batwing;
GZ	Graze.

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.



● 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, wall and recessed mount options.

- i** 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.

- i** 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 25°C 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

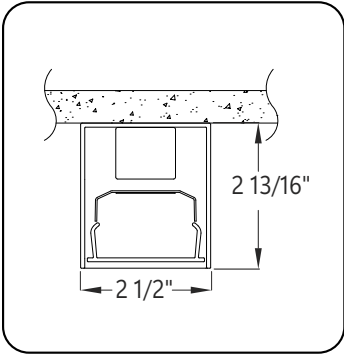
Certified wet locations to UL and CUL standards. IP66 and IK10 rated.

● 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.

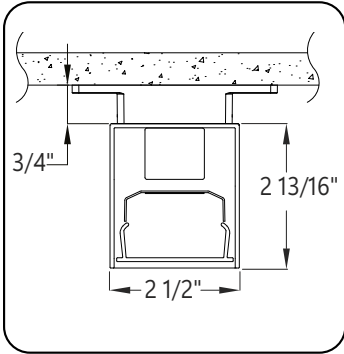
SECTION VIEWS

S Surface ceiling



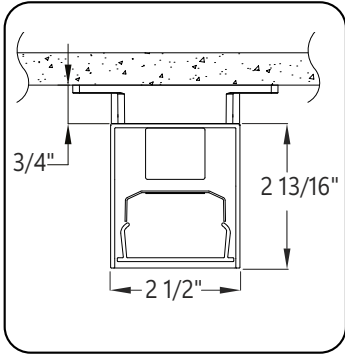
- SO Spotless lens
- ASO Asymm. lens
- GZ Graze lens
- WW Wallwash lens
- BW Batwing lens

SB Surface bracket



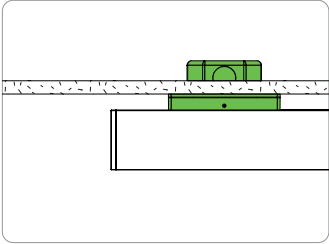
- SO Spotless lens
- ASO Asymm. lens
- GZ Graze lens
- WW Wallwash lens
- BW Batwing lens

SB, BP Surface bracket with bird protection



- SO Spotless lens
- ASO Asymm. lens
- GZ Graze lens
- WW Wallwash lens
- BW Batwing lens

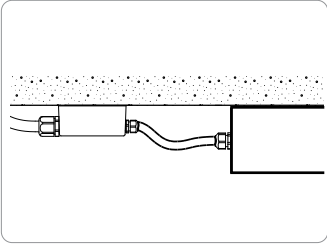
POWER FEED



WIRING THROUGH BRACKET

STANDARD

For SB mounting only.



EF END FEED

OPTIONAL

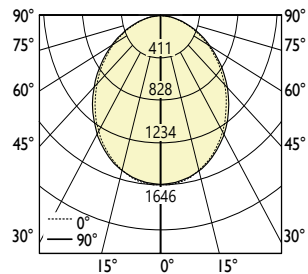
Standard for S mounting. Optional for SB mounting

● 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	

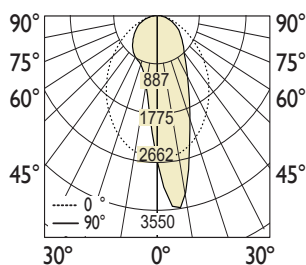
LUMINANCE DATA (cd/m²)

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

GZ Graze

1050 lm/ft

PHOTOMETRIC CURVE



Lumen/ft 1050 lm/ft
Total Lumens: 4205 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 64 lm/W

IES FILE: EX2xx-1050-90-CTRGBW30-GZ-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2979	2979	2979	2979	2979
5	2960	3260	3447	3527	3550
15	2775	3341	2993	2582	2469
25	2389	2694	1955	1580	1503
35	1831	1833	1230	1060	1045
45	1202	1113	828	808	825
55	722	653	568	599	620
65	397	373	353	385	390
75	178	172	171	174	166
85	37	38	39	35	35
90	5	4	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	269
10-20	641
20-30	770
30-40	756
40-50	663
50-60	525
60-70	359
70-80	181
80-90	42
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	23874	16439	16396
55	17690	13915	15181
65	13180	11741	12964
75	9675	9276	9004
85	5938	6224	5708

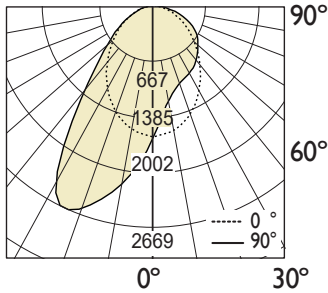
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

WW Walwash

1 000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 3997 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 61 lm/W

IES FILE: EX2xx-1000-90-CTRGBW30-WW-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1648	1648	1648	1648	1648
5	1635	1538	1468	1414	1407
15	1518	1269	1140	1081	1067
25	1291	1006	927	917	924
35	1005	781	773	818	848
45	716	589	630	717	763
55	484	419	477	585	639
65	300	272	314	417	459
75	151	138	161	209	217
85	33	31	34	29	28
90	4	5	5	4	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	156
10-20	457
20-30	724
30-40	816
40-50	706
50-60	541
60-70	366
70-80	186
80-90	44
90	

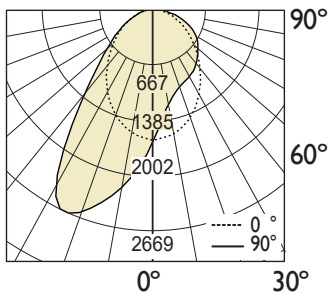
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14225	12525	15150
55	11854	11681	15643
65	9986	10446	15255
75	8182	8731	11794
85	5244	5548	4589

ASO Asymmetric

1 000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 3997 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 61 lm/W

IES FILE: EX2xx-1000-90-CTRGBW30-ASO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1648	1648	1648	1648	1648
5	1635	1538	1468	1414	1407
15	1518	1269	1140	1081	1067
25	1291	1006	927	917	924
35	1005	781	773	818	848
45	716	589	630	717	763
55	484	419	477	585	639
65	300	272	314	417	459
75	151	138	161	209	217
85	33	31	34	29	28
90	4	5	5	4	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	156
10-20	457
20-30	724
30-40	816
40-50	706
50-60	541
60-70	366
70-80	186
80-90	44
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14225	12525	15150
55	11854	11681	15643
65	9986	10446	15255
75	8182	8731	11794
85	5244	5548	4589

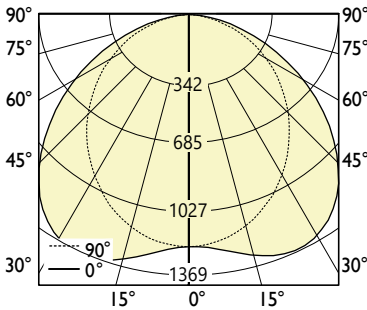
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

BW Batwing

1 000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft 1000 lm/ft
Luminaire Lumens: 3997 lm
Input Watts: 65.41 W
Efficacy: 61 lm/W

IES FILE: EX2xx-1000-90-CTRGBW30-BW-4.ies
TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1193	1193	1193	1193	1193
5	1186	1189	1196	1203	1206
15	1129	1151	1209	1265	1287
25	1025	1077	1202	1316	1359
35	886	962	1141	1281	1331
45	728	811	1004	1130	1165
55	556	627	797	879	896
65	376	423	539	577	576
75	191	213	265	262	258
85	39	43	46	37	38
90	4	4	4	5	5

ZONAL LUMENS	
Zone	Lumens
0	
0-10	114
10-20	343
20-30	554
30-40	707
40-50	756
50-60	685
60-70	509
70-80	268
80-90	60
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	14471	19946	23147
55	13621	19526	21947
65	12507	17930	19141
75	10391	14408	14021
85	6264	7398	6090

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