

Project _____

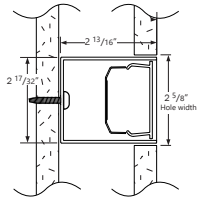
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1000 lm/ft	8.5 W/ft	118 lm/W	SO

Please consult factory for custom lumen output and wattage.



SHIELDING
DIRECT



Ordering Guide



EX2R				
PRODUCT ID	NOM. LUM/FT	CRI	COLOR TEMP. (choose one)	SHIELDING DIRECT
EX2R Extend 2 Vertical Recessed	300 300 lm/ft - min 1000 1000 lm/ft - max	80 80 CRI 90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K 50 5000 K	SO spotless lens
Ships with 7/8" hole standard for power connection by others if no optional power feed is specified, see page 3 for details.		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		

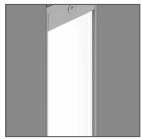
LENGTH (FT)	FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING
2 2' 3 3' 4 4' 5 5' 6 6' 7 7' 8 8' 12 12' S(L) System Run	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V* UNV universal	DP dimming (0-10V) 1% DPX dimming (0-10V) 1%, extended temp. range (-40°C - +50°C) LT(#) Lutron* BI bi-level dimming O(#) other*	1 1 circuit 2 2 circuits +E(#) emergency circuit* +NL(#) night light circuit* +GTD(#) generator transfer device* **	DFV Vertical Flange DV Vertical flangeless DSV Vertical drywall spackle flange
Lengths are nominal. Exact lengths can be specified, please consult factory.		*Remote surge protection device only	*Please consult factory; see page 2.	*Specify quantity. 3ft minimum fixture length. **120V and 277V only. Please specify voltage.	

BATTERY (OPTIONAL)	IC CONTROLS (OPT.)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) battery pack (integral)* BR(#) battery pack (remote)**	OS(#) occupancy sensor DOS(#) daylight & occupancy sensor	+TF top feed* +EF end feed* +N natatorium finish	C custom
*Minimum 3ft. **Dry/Damp location only. Please consult factory.	Specify quantity. Requires 8" blank. See integrated controls guide for more details.	7/8" diameter top power feed hole provided standard. See page 3 for more details. *Comes with liquid tight connector and 10ft of plenum rated power cable. Not available for 347 V.	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

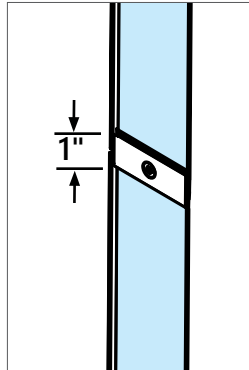


SO Spotless lens;

Impact modified PMMA lens used.

SYSTEM (S(L))

Lengths of 2'-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

Recessed 4 ft	9 lbs / 4.1 kg
Recessed 8 ft	18 lbs / 8.2 kg
Recessed 12 ft	27 lbs / 12.3 kg

FINISHES

Powder coated and custom finishes are also available.

OTHER MOUNTING OPTIONS

EXTEND 2 is also available with pendant, surface and wall mounted options.

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

ELECTRICAL

DP	0-10V dimming driver. Ambient operating temperature -30°C - +40°C
DPX	0-10V dimming driver with extended temperature range (-40°C - +50°C)
Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black (min ambient operating temperature - 0°C (32°F).
Other drivers	DALI* - Digital Addressable Lighting Interface DMX* - Digital Multiplex Xitanium SR* - For wireless sensor

Choose driver from available options.

* Ambient operating range: -20°C - +40°C

Emergency	B(#) Integral Emergency Battery pack, 3ft minimum. Operating temperature 0° to 50°C BR(#) Remote emergency battery pack operating temperature range (-20°C- +50°C) for 120V to 277V; (0°C - +50°C) for 347V.
Input Voltage	120V, 277V, 347V, UNV.

Surge Protection Extend comes standard with surge protection device.

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

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
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.

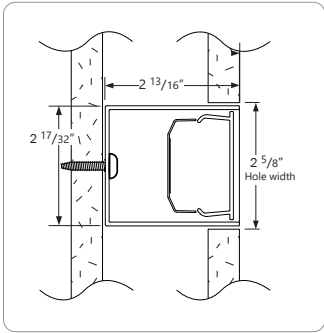
APPROVALS

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

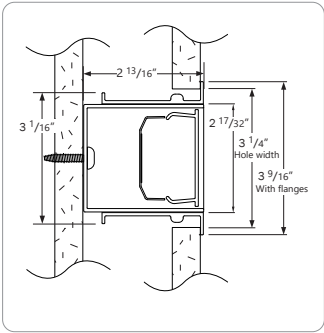
WARRANTY

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.

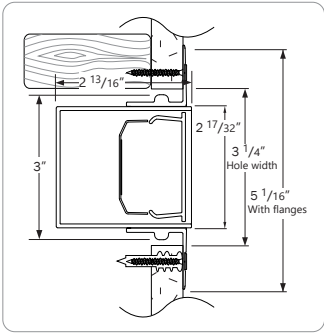
● MOUNTING OPTIONS



DV VERTICAL FLANGELESS

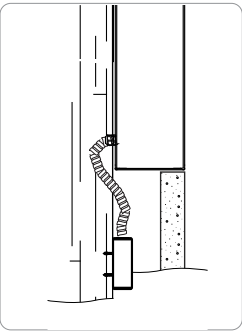


DFV VERTICAL FLANGE



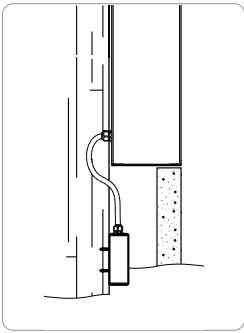
DSV VERTICAL DRYWALL SPACKLE FLANGE

● POWER FEED



7/8" Diameter opening provided.
Liquid tight conduit and electrical
connection by others.

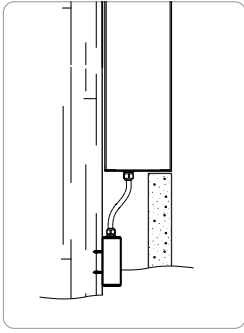
STANDARD



TF TOP FEED

OPTIONAL

Liquid tight connector and 10ft of
plenum rated power cable provided.



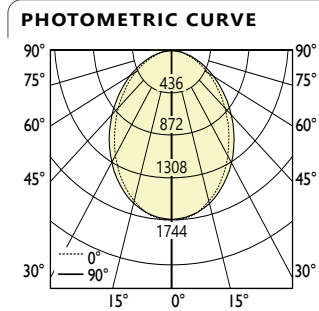
EF END FEED

OPTIONAL

Liquid tight connector and 10ft of
plenum rated power cable provided.

● PHOTOMETRIC DATA

SO - Spotless lens
1000 lm/ft



Lumen/ft: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 34 W
Efficacy: 118 lm/W
IES FILE: EX2R-1000-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1742	1742	1742	1742	1742
5	1731	1723	1720	1717	1713
15	1637	1620	1598	1581	1577
25	1462	1433	1397	1361	1347
35	1224	1190	1141	1096	1079
45	956	926	876	828	810
55	690	666	623	581	569
65	442	424	395	367	358
75	227	216	203	187	183
85	63	57	51	44	44
90	3	3	3	3	3

ZONAL LUMENS	
Zone	Lumens
0	
0-10	164
10-20	456
20-30	656
30-40	734
40-50	699
50-60	580
60-70	412
70-80	230
80-90	69
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	18485	16928	15660
55	16438	14844	13550
65	14298	12780	11567
75	11985	10694	9680
85	9901	8012	6837