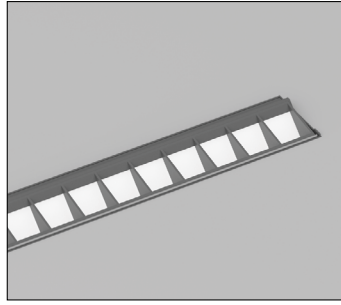
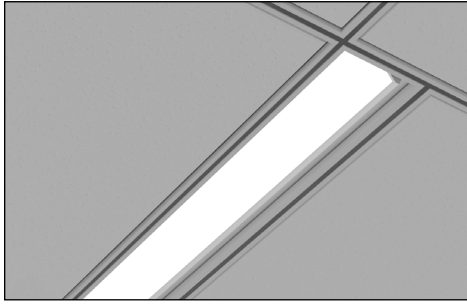


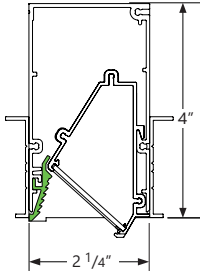


Project _____

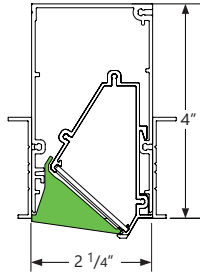
Type _____

Notes _____

The louver option provides lengthwise shielding.



Shown with MAL



Shown with LOUVER

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
375 lm/ft	4.5 W/ft	84 lm/W
400 lm/ft	4.9 W/ft	82 lm/W
500 lm/ft	6 W/ft	83 lm/W
750 lm/ft	9.1 W/ft	83 lm/W
1000 lm/ft	12.7 W/ft	79 lm/W

Please consult factory for custom lumen output and wattage.



Ordering Guide

WWR	SL											
PRODUCT ID	LIGHT ENGINE	NOM. LUMENS/FT	CRI	COLOR TEMP.	SHIELDING	LENGTH (FT)						
WWR Wall Wash Recessed SurroundLite	SL SurroundLite	375 375 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	TW2750 2700-5000 K Tunable White*	MAL microgroove aluminum* (standard) L black louver**	2 2' 3 3' 4 4' 5 5' 6 6' 8 8' 12 12' S# system run					
		* Louver not available for outputs above 500 lm/ft Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		Consult Axitune technical sheet for more information of color technology. * Min length of 4 ft required.	* Standard black ** Louver not available for outputs above 500 lm/ft.							

FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING
W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT Lutron BI bi-level dimming O(#) other** TW(#) tunable white drivers* POE(#) POE drivers*	1 1 circuit 2 2 circuits +E(#) emergency circuit *	TB9 t-bar 9/16" TB15 t-bar 15/16" ST screw slot t-bar TG9 tegular 9/16" TG15 tegular 15/16" DF drywall flange D drywall flangeless DB slip-through bracket DS drywall spackle flange
	* Only available with POE drivers.	* See page 2 to specify system ** Please consult factory; see page 2	* Specify quantity	

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) battery pack (integral)	FW flex whip (6' std)* CP Chicago plenum HD hold-down clip	C custom
Not available with 347V Minimum 4ft; please consult factory	* Other lengths available; please consult factory.	Please specify Consult factory for combinations of wall wash perfekt and Beam 2

● CONSTRUCTION

Housing	Extruded aluminum (0.060" nominal) Up to 70% recycled content
T-Bar Bracket	Die formed sheet steel (22 gauge)
Screw Slot T-Bar Bracket	Die formed sheet steel (22 gauge)
Slip-Through Bracket	Die formed sheet steel (18 gauge)
Spackle Flange	Die formed perforated sheet steel (20 gauge)
Flange	Extruded aluminum (0.065" nominal) Visible flange width: 9/16"
Interior Brackets	Die formed sheet steel (24 gauge)
Reflectors	Specular aluminum
Blank	Extruded aluminum (0.075" nominal)
Lens	Acrylic with Microtek detail

● ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

❗ 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.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
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 damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● OPTICS

Optics	Patent pending vertical light guide optical system
Light guide	
Trim	Black multigroove linear trim
Louver (optional)	Black deep lengthwise shielding louver
Microgroove Aluminum	Black painted aluminum material



MAL - Microgroove Aluminum



L - Louvered Microgroove Aluminum

● FINISHES

Powder coated and custom finishes are also available.

● WEIGHT

Recessed LED 4 ft	10.5 lbs / 4.8 kg
Recessed LED 8 ft	21.0 lbs / 9.6 kg
Recessed LED 12 ft	31.5 lbs / 14.4 kg

● APPROVALS

Certified to UL and CSA standards
Meets NYC requirements
Meets CCEC requirements (Chicago plenum)
Suitable for damp locations
IC Rated (Insulated ceiling)



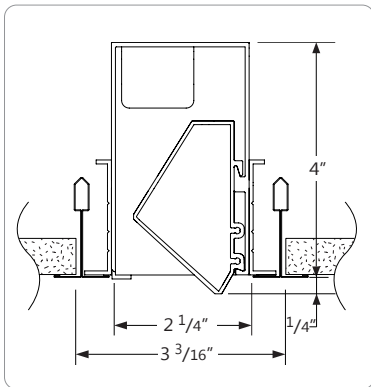
● WARRANTY

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.

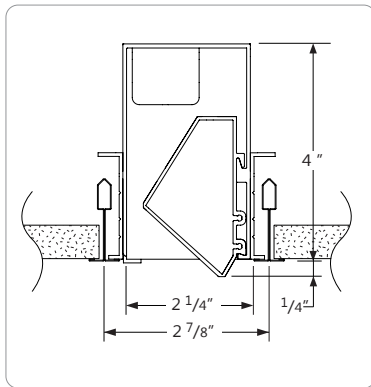
● SYSTEM (S#)

Wall Wash Perfekt linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 2', 4', 8', 12' as well as custom lengths are available in 1' increments. Runs of Wall Wash Perfekt that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the Wall Wash Perfekt installation sheets available for download at www.axislighting.com.

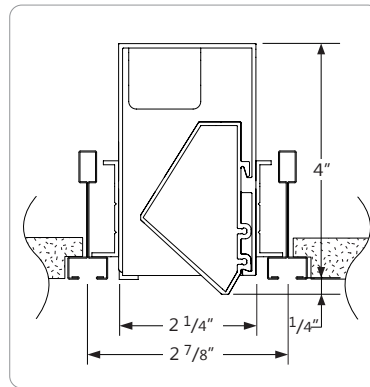
● TB CEILING MOUNTING OPTIONS



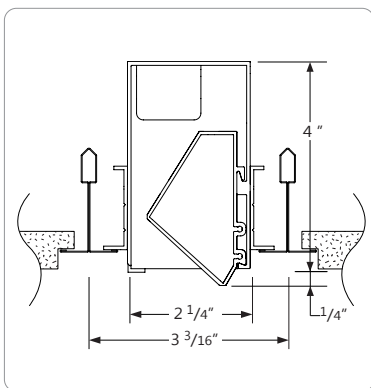
TB15 15/16" T-BAR



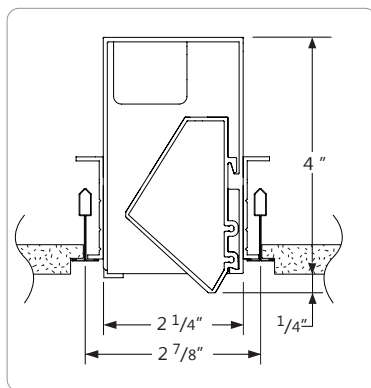
TB9 9/16" T-BAR



ST SCREW SLOT T-BAR

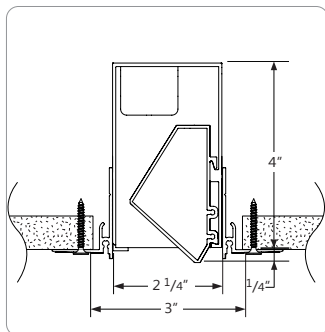


TG15 15/16" TEGULAR

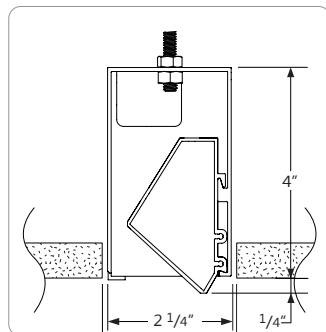


TG9 9/16" T-TEGULAR

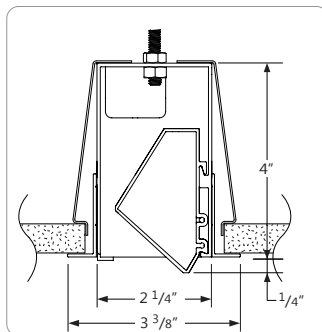
● DRYWALL CEILING MOUNTING OPTIONS



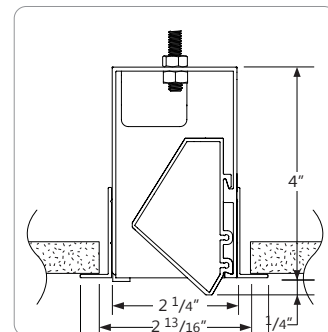
DS SPACKLE FLANGES



D FLANGELESS WITH
1/4-20 STUD MOUNTING



DB VISIBLE FLANGES WITH
SLIP-THROUGH BRACKET



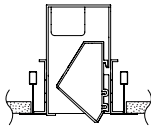
DF VISIBLE FLANGES WITH
1/4-20 STUD MOUNTING

i Specification sheets and installation sheets for all mountings for WALL WASH PERFECT luminaires are available for download at www.axislighting.com

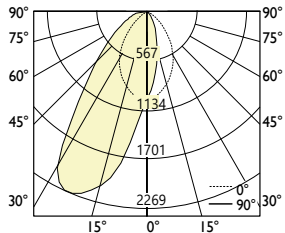
● PHOTOMETRIC DATA

WW Wallwash - LOUVER

500 lm/ft



PHOTOMETRIC CURVE



Total Lumens: 2000 lm (for 4ft)

Lumens ft/down: 500 lm/ft

Input Watts: 47.6 W

Efficacy: 42 lm/W

IES FILE: WWR-SL-500-80-35-L-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1002	1002	1002	1002	1002
5	1013	1100	1191	1267	1277
15	900	1255	1716	1983	2073
25	743	1298	1781	2113	2269
35	537	1082	1522	1531	1528
45	304	741	883	818	854
55	128	380	462	473	509
65	40	122	235	273	306
75	7	32	105	161	194
85	1	3	22	69	101
90	0	1	1	2	6

ZONAL LUMENS

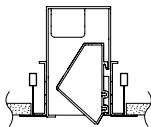
Zone	Lumens
0	
0-10	98
10-20	300
20-30	452
30-40	454
40-50	323
50-60	195
60-70	105
70-80	54
80-90	20
90	

LUMINANCE DATA (cd/m²)

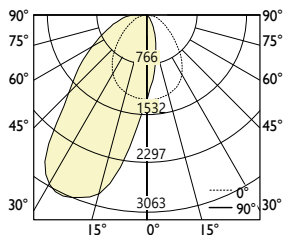
Vertical Angle	Horizontal Angles		
	0	45	90
45	12342	35851	34688
55	6420	23113	25504
65	2714	15989	20768
75	803	11658	21548
85	382	7343	33283

WW Wallwash - MAL

1000 lm/ft



PHOTOMETRIC CURVE



Total Lumens: 4001 lm (for 4ft)

Lumens ft/down: 1000 lm/ft

Input Watts: 49 W

Efficacy: 82 lm/W

IES FILE: WWR-SL-1000-80-35-MAL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1288	1288	1288	1288	1288
5	1296	1446	1597	1703	1725
15	1259	1801	2414	2751	2833
25	1155	2010	2656	2970	3063
35	944	1864	2523	2740	2743
45	653	1504	2040	1776	1708
55	416	1064	1302	1236	1210
65	258	602	849	816	799
75	159	312	485	531	535
85	48	128	227	316	336
90	0	55	125	195	223

ZONAL LUMENS

Zone	Lumens
0	
0-10	131
10-20	425
20-30	678
30-40	794
40-50	700
50-60	539
60-70	374
70-80	236
80-90	124
90	

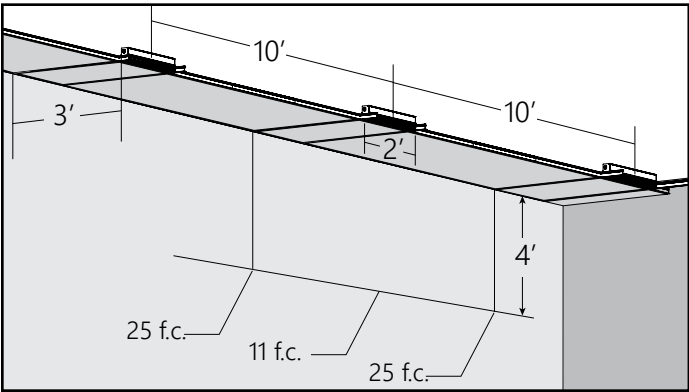
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	25622	80110	67068
55	20160	63024	58590
65	16949	55811	52507
75	17033	52034	57369
85	15219	72247	107071

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

● POWERFUL, COST-EFFECTIVE SURROUNDITE™

With innovative patent-pending asymmetric SurroundLite™ optics, Wall Wash Perfekt luminaires can be spaced wider apart while maintaining a consistent, quality wall washing effect.



3 Feet From Wall

		10'									10'								
1'		24	23	17	11	7	11	17	23	24	23	17	11	7	11	17	23	24	
2'		26	25	19	13	8	13	19	25	26	25	19	13	8	13	19	25	26	
3'		26	25	20	15	10	15	20	25	26	25	20	15	10	15	20	25	26	
4'		25	25	20	16	11	16	20	25	25	25	20	16	11	16	20	25	25	
5'		21	21	18	15	11	15	18	21	21	21	18	15	11	15	18	21	21	
6'		17	17	15	13	10	13	15	17	17	17	15	13	10	13	15	17	17	
7'		13	13	13	11	9	11	13	13	13	13	13	11	9	11	13	13	13	
8'		11	10	10	9	8	9	10	10	11	10	10	9	8	9	10	10	11	
9'		9	9	8	8	7	8	8	9	9	9	8	8	7	8	8	9	9	

*Illuminances shown below were calculated using 1000lm/ft output