



Project \_\_\_\_\_

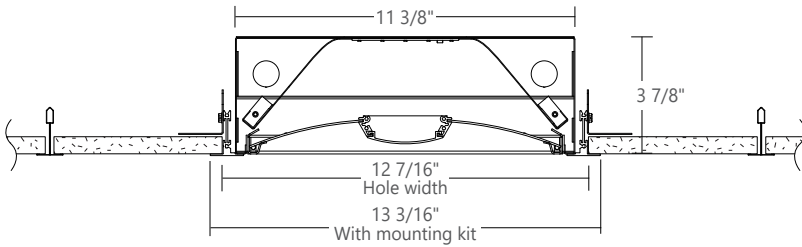
Type \_\_\_\_\_

Notes \_\_\_\_\_

**PERFORMANCE AT 4000K**

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
900 lm	10.35 W	87 lm/W
1000 lm	11.63 W	86 lm/W
1200 lm	14.25 W	84 lm/W
1600 lm	19.63 W	82 lm/W

\* Based on a 1'x1' luminaire using one driver  
Please consult factory for custom lumen output and wattage.



SECTION VIEW



**Ordering Guide**

PRODUCT ID	SIZE	NOMINAL LUMENS	CRI	COLOR TEMP.	SHIELDING	FINISH
<b>DAYFLED</b> DAY flat LED	<b>11</b> 1'X1'	<b>900</b> 900 lm	<b>80</b> 80 CRI	<b>27</b> 2700 K	<b>SO</b> spotless lens	<b>W</b> white
<b>DAYCLED</b> DAY curve LED		<b>1000</b> 1000 lm	<b>90</b> 90 CRI	<b>30</b> 3000 K		<b>C</b> custom
		<b>1200</b> 1200 lm		<b>35</b> 3500 K		
		<b>1600</b> 1600 lm		<b>40</b> 4000 K		

Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.

[Consult Axitune spec sheet for Axis color technology options](#)

VOLTAGE	DRIVER	CIRCUITS	MOUNTING	BATTERY (OPTIONAL)
<b>120</b> 120 V	<b>DP</b> dimming (0-10V) 1% <b>LT</b> Lutron <sup>(1)</sup> <b>BI</b> bi-level dimming <b>O</b> other <sup>(2)</sup>	<b>1</b> 1 circuit <b>+E(#)</b> emergency circuit <sup>(3)</sup> <b>+NL(#)</b> night light circuit <sup>(3)</sup> <b>+GTD(#)</b> generator transfer device <sup>(3)</sup>	<b>DF</b> drywall flange	<b>B#</b> Remote Battery Pack only <sup>(4)</sup>
<b>277</b> 277 V				
<b>347</b> 347 V				
<b>UNV</b> universal				

<sup>(1)</sup> Specify system  
<sup>(2)</sup> Please consult factory  
[Consult Axitune spec sheet for Axis color driver options](#)

<sup>(3)</sup> Specify quantity

<sup>(4)</sup> Remote battery pack only  
Not available with 347V  
Please consult factory

OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
<b>F</b> fuse <sup>(5)</sup> <b>AR</b> air return <b>FW(#)</b> flex whip (6' std) <b>CP</b> Chicago plenum	<b>DS#</b> daylight sensor <b>OS#</b> occupancy sensor <b>DOS#</b> daylight & occupancy sensor <b>EN#</b> Enlighted integral <sup>(6)</sup> <b>ENR#</b> Enlighted remote <sup>(6)</sup> <b>WC#</b> wireless control dimming	<b>C</b> custom

<sup>(5)</sup> Requires 120V or 277V

<sup>(6)</sup> Please consult factory  
Specify quantity. Requires 1.5" blank.  
See integrated controls guide for more details.

Please specify

**SPECIFY DRIVER NAME (if needed)**

**SPECIFY BATTERY NAME (if needed)**

## ● SPECIFICATIONS


<b>Housing</b>	Die formed cold rolled sheet steel (20 gauge)
<b>Central Lens Housing</b>	Extruded aluminum (0.060" nominal)
<b>Lens</b>	Spotless acrylic lens
<b>Side lens</b>	0.08" PMMA satin blend
<b>Reflectors</b>	Die formed cold rolled sheet steel (22 gauge)
<b>Interior Brackets</b>	Die formed cold rolled sheet steel (20 gauge)
<b>Drywall Flange Kit</b>	Extruded aluminum (0.060" nominal)

## ● ELECTRICAL

<b>Lutron driver*</b>	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
<b>Other drivers</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System.
<b>Emergency</b>	Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV.
<b>Flex Whip</b>	Shipped in a separate box for contractors to install

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

## ● APPROVALS

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

## ● WEIGHT

<b>Standard</b>	8 lbs / 3.6 kg
<b>Drywall with Kit</b>	9 lbs / 4.1 kg

## ● LED SYSTEM

<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CCT</b>	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.
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.

## ● FINISH

Highly reflective, matte powder coat white paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

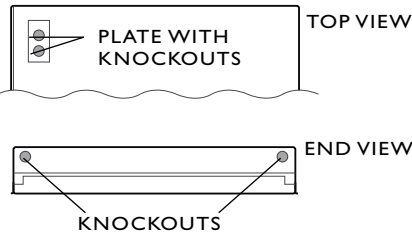
## ● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

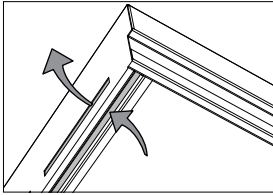
● STANDARD AND END MOUNT POWER FEED

Knockouts for BX cable connection are provided both on the top and on the ends of the luminaire. This allows for an end mount power feed solution if it is required.

(BX CABLE BY OTHER)



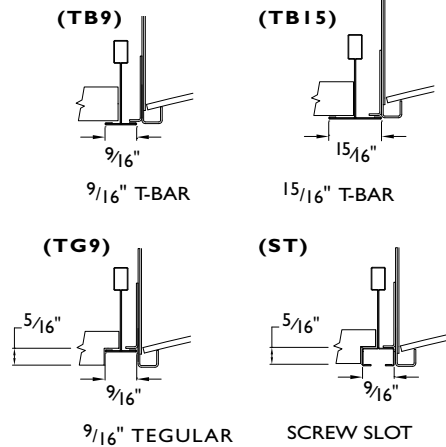
● AIR RETURN



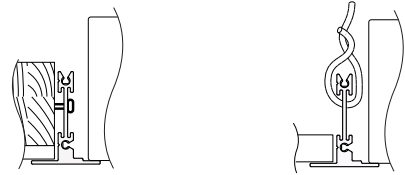
The air return (AR) option consists of discreet slots along the sides of the luminaire. These slots allow air to exhaust into the plenum and eliminate the need for unsightly air return grilles, and create a clean and well organized ceiling.

● CEILING SYSTEM

T-BAR STYLE MOUNTING

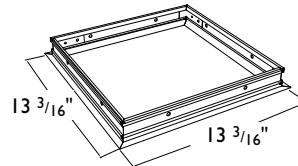


DRYWALL WITH FLANGE KIT (DF)



WITH WOOD FRAME      WITHOUT WOOD FRAME

DRYWALL MOUNTING KIT



FIXTURE DIMENSIONS  
11 3/8" / 11 3/8"  
CUT HOLE DIMENSIONS  
12 7/16" / 12 7/16"

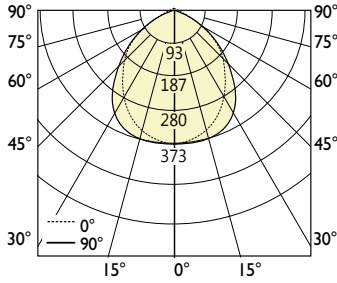
**i** Installation sheets for all mountings options are available at: [www.axislighting.com](http://www.axislighting.com)

● PHOTOMETRIC DATA

LED



PHOTOMETRIC CURVE



**Luminaire Lumens: 900 lm**  
**Input Watts: 10.35 W**  
**Efficacy: 87 lm/W**  
 IES FILE: DAYLED-11-900-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	371	371	371	371	371	
10	363	364	368	370	372	17
20	331	335	348	362	367	33
30	285	294	315	331	337	43
40	231	241	258	268	271	45
50	171	180	187	186	186	38
60	114	118	118	111	108	27
70	64	63	58	53	51	15
80	24	22	20	19	20	6
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall 0	119	119	119	119	116	116	116	116	111	111	111	
1	110	106	102	97	108	104	100	96	99	97	93	
2	101	94	87	80	99	92	86	79	88	83	77	
3	93	83	76	67	90	81	75	66	79	73	66	
4	85	74	66	57	83	73	65	57	70	64	56	
5	79	67	58	49	77	66	58	49	64	57	49	
6	73	60	52	43	71	59	51	43	58	51	43	
7	68	55	47	38	66	54	46	38	53	45	38	
8	63	50	42	34	62	50	42	34	48	41	34	
9	59	46	38	31	58	46	38	31	45	38	31	
10	56	43	35	28	54	42	35	28	41	35	28	

Based on floor reflectance of 20

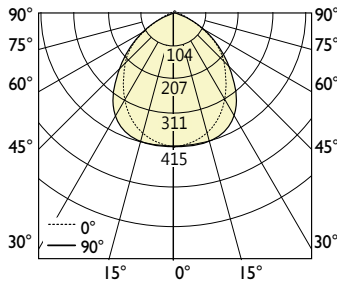
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2775	3082	3171
55	2412	2569	2459
65	2032	1968	1776
75	1607	1362	1293
85	934	726	622

LED



PHOTOMETRIC CURVE



**Luminaire Lumens: 1000 lm**  
**Input Watts: 11.63W**  
**Efficacy: 86 lm/W**  
 IES FILE: DAYLED-11-1000-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	413	413	413	413	413	
10	403	404	408	412	414	19
20	367	372	387	402	407	36
30	317	326	350	367	374	48
40	256	267	287	297	301	50
50	190	200	208	207	207	43
60	127	131	131	123	120	30
70	71	70	65	59	57	17
80	27	25	23	22	23	6
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall 0	119	119	119	119	116	116	116	116	111	111	111	
1	110	106	102	97	108	104	100	96	99	97	93	
2	101	94	87	80	99	92	86	79	88	83	77	
3	93	83	76	67	90	81	75	66	79	73	66	
4	85	74	66	57	83	73	65	57	70	64	56	
5	79	67	58	49	77	66	58	49	64	57	49	
6	73	60	52	43	71	59	51	43	58	51	43	
7	68	55	47	38	66	54	46	38	53	45	38	
8	63	50	42	34	62	50	42	34	48	41	34	
9	59	46	38	31	58	46	38	31	45	38	31	
10	56	43	35	28	54	42	35	28	41	35	28	

Based on floor reflectance of 20

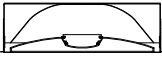
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3083	3424	3523
55	2680	2855	2732
65	2258	2187	1973
75	1786	1514	1436
85	1037	807	692

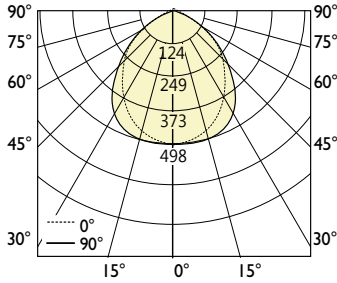
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

● PHOTOMETRIC DATA

LED



PHOTOMETRIC CURVE



**Luminaire Lumens: 1200 lm**  
**Input Watts: 14.25 W**  
**Efficacy: 84 lm/W**  
 IES FILE: DAYLED-11-1200-80-40-SO.ies  
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	495	495	495	495	495	
10	484	485	490	494	496	23
20	441	447	464	483	489	44
30	380	391	420	441	449	57
40	307	321	344	357	362	60
50	228	240	249	248	248	51
60	152	157	157	148	144	36
70	85	84	78	70	68	20
80	32	30	27	26	27	8
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall												
0	119	119	119	119	116	116	116	116	111	111	111	111
1	110	106	102	97	108	104	100	96	99	97	93	93
2	101	94	87	80	99	92	86	79	88	83	77	77
3	93	83	76	67	90	81	75	66	79	73	66	66
4	85	74	66	57	83	73	65	57	70	64	56	56
5	79	67	58	49	77	66	58	49	64	57	49	49
6	73	60	52	43	71	59	51	43	58	51	43	43
7	68	55	47	38	66	54	46	38	53	45	38	38
8	63	50	42	34	62	50	42	34	48	41	34	34
9	59	46	38	31	58	46	38	31	45	38	31	31
10	56	43	35	28	54	42	35	28	41	35	28	28

Based on floor reflectance of 20

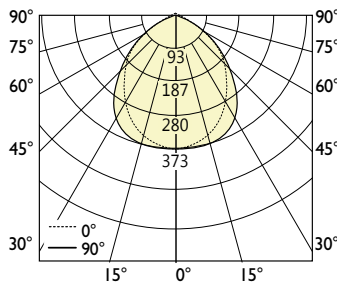
LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3700	4109	4228
55	3216	3426	3279
65	2710	2624	2368
75	2143	1817	1723
85	1245	968	830

LED



PHOTOMETRIC CURVE



**Luminaire Lumens: 1600 lm**  
**Input Watts: 19.63 W**  
**Efficacy: 82 lm/W**  
 IES FILE: DAYLED-11-1600-80-40-SO.ies  
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	660	660	660	660	660	
10	645	647	654	658	662	31
20	588	596	619	644	652	58
30	507	522	560	588	599	76
40	410	428	459	476	482	80
50	305	319	333	331	331	68
60	202	209	209	198	193	48
70	114	112	104	94	91	27
80	43	40	36	35	36	10
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall												
0	119	119	119	119	116	116	116	116	111	111	111	111
1	110	106	102	97	108	104	100	96	99	97	93	93
2	101	94	87	80	99	92	86	79	88	83	77	77
3	93	83	76	67	90	81	75	66	79	73	66	66
4	85	74	66	57	83	73	65	57	70	64	56	56
5	79	67	58	49	77	66	58	49	64	57	49	49
6	73	60	52	43	71	59	51	43	58	51	43	43
7	68	55	47	38	66	54	46	38	53	45	38	38
8	63	50	42	34	62	50	42	34	48	41	34	34
9	59	46	38	31	58	46	38	31	45	38	31	31
10	56	43	35	28	54	42	35	28	41	35	28	28

Based on floor reflectance of 20

LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4933	5478	5638
55	4288	4568	4381
65	3612	3499	3157
75	2857	2422	2298
85	1660	1291	1107

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)