

● **PROJECT INFORMATION**

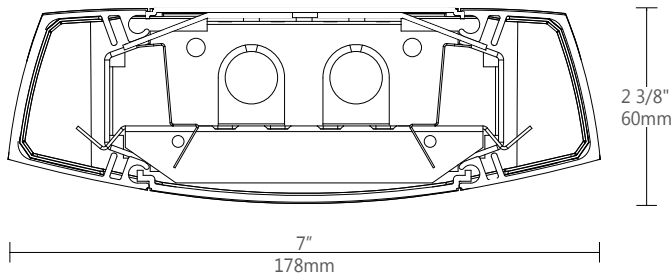
Project:

Type:

Notes:

● **DIMENSIONS**

SECTION VIEWS



● **ORDERING CODE**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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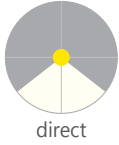
● **PRODUCT SPECIFICATIONS**

1 PRODUCT ID	2 OPTICS	3 LENGTH/FT	4 LAMP	5 LAMP CONFIGURATION	6 FINISH
202CS surface curved	PL semi spec. para. louvers SB white solid baffles	4 4' 8 8' 12 12' S# System Run	T5 T5 T5HO T5HO	2 2 lamps	AP aluminum paint W white BLK black C custom

7 UP LIGHT REFLECTOR	8 DOWN LIGHT REFLECTOR	9 VOLTAGE	10 BALLAST	11 CIRCUITS	12 MOUNTING/SUSPENSION
0 no reflector	BK blank ⁽¹⁾	120 120V 277 277V 347 347V ⁽²⁾ UNV universal	D dimming E instant start ⁽³⁾ ERS program start BI bi-level dimming	1 1 regular 2 2 regular 2A/B 2 alternating +E(#) emergency section ⁽⁴⁾ +NL(#) night light section ⁽⁴⁾ +GTD(#) generator transfer device ⁽⁴⁾	S surface drywall ceiling SB surface t-bar ceiling SC surface solid ceiling
	(1) Available for all optics	(2) Consult factory	(3) Available with T8 lamp only	(4) Specify quantity	See spec sheet for further details

13 BATTERY (OPTIONAL)	14 OTHER (OPTIONAL)	15 IC CONTROLS (OPTIONAL)	16 CUSTOM (OPTIONAL)
B# battery pack 4' sections	F fuse ⁽⁵⁾ FW(#) flex whip (6' std) ⁽⁶⁾	DS# daylight sensor OS# occupancy sensor DOS# daylight&occupancy sensor	C custom
Requires 120V or 277V Please consult factory	(5) Requires 120V or 277V (6) Specify quantity Please consult factory	Requires 8" blank. Specify quantity See integrated controls guide for further details	Please specify

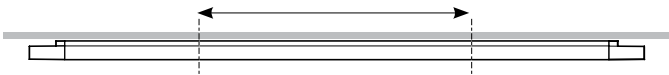
● **LIGHT DISTRIBUTION**



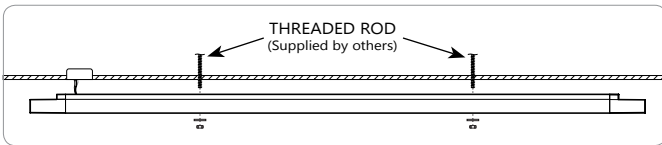
● **SUSPENSION / MOUNTING SPACING**

Between Mounting Points:

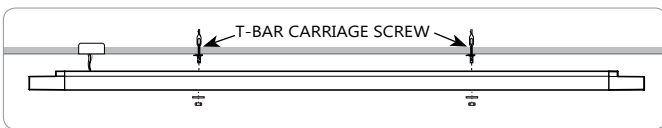
- 202 4'** (24" C.C.)
- 202 8'** (72" C.C.)
- 202 12'** (120" C.C.)



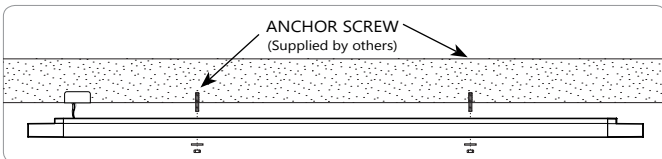
● **MOUNTING DETAILS**



S SURFACE MOUNT DRYWALL CEILING



SB SURFACE MOUNT T-BAR CEILING

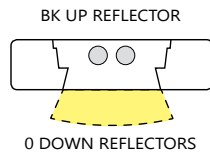


SC SURFACE MOUNT SOLID CEILING

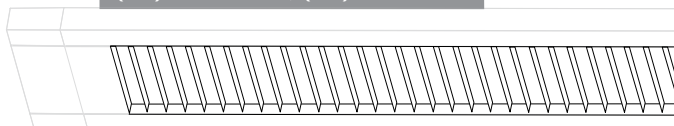
i Installation sheets for all mounting options are available at: www.axislighting.com

● **OPTICAL OPTIONS**

A blank optic is used to give a 100% downlight distribution for surface mount options.



(PL) LOUVERS, (SB) BAFFLES



i IES files and specific Light Distribution for baffles and louvers are available at: www.axislighting.com

● **CONSTRUCTION**

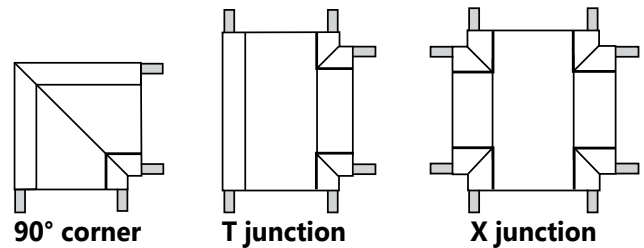
- End Cap** Die cast zinc (0.100" nominal)
- Side Profile** Extruded aluminum (0.060" nominal)
- Louvers** Die formed semi-specular aluminum (22 gauge)
- Baffles** Die formed aluminum (22 gauge) powder painted white
- Interior Brackets** Die formed sheet steel (12 gauge)

● **WEIGHT**

- 202 4 ft** 12 lbs / 5.5 kg
- 202 8 ft** 20 lbs / 9.1 kg
- 202 12 ft** 32 lbs / 14.5 kg

● **CORNER SPECIFICATION**

In addition to individual pendants and linear runs, the 202 luminaire can be specified with 90 degree corner, T or X junctions.



All systems requiring corner units must be specified as such at the time of order. Existing linear systems or luminaires cannot have corners added at a later date.

i Specifications sheets for all corner specification are available at: www.axislighting.com

● **FINISH**

Aluminium paint, Powder Coated and custom finishes are also available.

● **ELECTRICAL**

- Ballast** Electronic IS, Electronic Rapid Start, Dimming (0-10V, Line, EcoSystem, DALI), BI-level dimming
With preinstalled ballast disconnect as per NEC & CEC
- Emergency** Emergency battery pack or emergency circuit
- Voltage** 120V, 277V, 347V, UNV

● **APPROVALS**

Certified to UL and CUL standards _{US}
 Meets NYC requirements
 Suitable for damp locations.

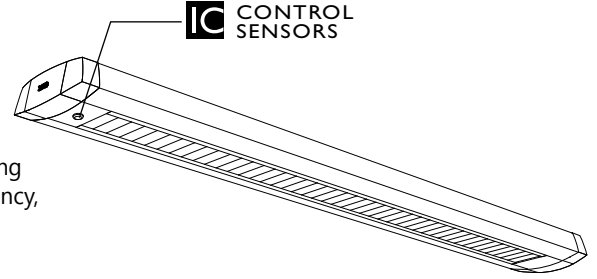
● **OTHER MOUNTING OPTIONS**

i 202 is also available with wall and pendant options.

Specification sheets for wall and pendant 202 luminaires are available for download at www.axislighting.com

● INTEGRATED CONTROL OPTIONS

202 luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

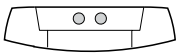


- Consult factory for other options.
- Refer to IC brochure for more information.

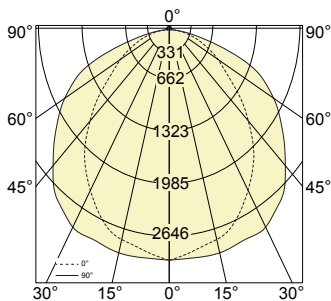
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed Rapid Start
		FM-105	High Frequency Occupancy	WH	Programmed Rapid Start
Daylight & Occupancy Sensors (DOS)	Philips	Actilume	Daylight & PIR Occupancy	PA	DALI or 0-10V

● PHOTOMETRIC DATA

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2xF54T5HO

IES FILE: 202-SB-4-T5HO-2-0-BK-0-100

Efficiency: 73.1%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2977	2977	2977	2977	2977	
5	2894	2923	2955	2972	2965	141
15	2737	2767	2813	2888	2933	401
25	2349	2411	2574	2712	2853	596
35	1887	1954	2169	2412	2564	689
45	1323	1424	1645	1925	2095	649
55	831	861	1077	1438	1677	520
65	520	545	617	929	1210	367
75	270	279	306	388	459	177
85	84	82	84	94	95	48
90	12	12	13	11	10	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13874	17258	21968
55	10739	13921	21679
65	9119	10819	21227
75	7734	8757	13148
85	7176	7172	8074

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	87	87	87	87	85	85	85	85	81	81	81
1	80	77	74	70	78	75	72	69	72	69	66
2	73	68	63	57	71	66	62	57	63	60	55
3	67	60	54	48	65	59	53	47	56	52	47
4	62	53	47	41	60	52	47	40	50	45	40
5	57	48	42	35	55	47	41	35	45	40	35
6	53	43	37	31	51	43	37	31	41	36	30
7	49	39	33	27	48	39	33	27	38	32	27
8	46	36	30	24	44	36	30	24	34	29	24
9	43	33	27	22	42	33	27	22	32	27	22
10	40	31	25	20	39	30	25	20	29	25	20

Based on floor reflectance of 20

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