

● **PROJECT INFORMATION**

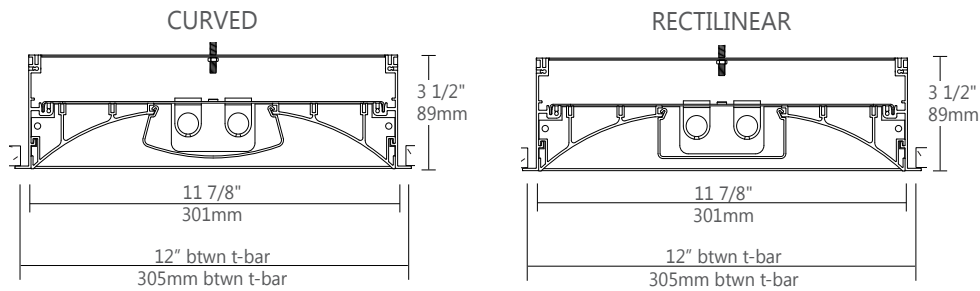
Project:

Type:

Notes:

● **DIMENSIONS**

SECTION VIEW



cULus Listed  
Type I.C.



**TECHZONE™ AND LOGIX™ COMPATIBLE**  
for more info see page 3

● **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 LENS	3 OPTIC	4 LENGTH/FT	5 LAMP	6 LAMP CONFIGURATION
<b>TEK12</b> tek 12"	<b>C</b> curved <b>R</b> rectilinear	<b>FO</b> frosted opal <b>S</b> satin lens	<b>2</b> 2' <b>4</b> 4' <b>5</b> 5'	<b>T5</b> T5 <b>T5HO</b> T5HO	<b>1</b> 1 lamp <b>2</b> 2 lamps

7 FINISH	8 VOLTAGE	9 BALLAST	10 CIRCUITS	11 MOUNTING/SUSPENSION
<b>W</b> white <b>C</b> custom	<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V <sup>(1)</sup> <b>UNV</b> universal	<b>D</b> dimming <b>E</b> instant start <sup>(2)</sup> <b>ERS</b> program start <b>BI</b> bi-level dimming <b>+M</b> master <b>+S</b> satellite	<b>1</b> 1 regular <b>2A/B</b> 2 alternating <b>+E#</b> emergency section <b>+NL#</b> night light section <b>+GTD#</b> generator transfer device	<b>TB9</b> t-bar 9/16" <b>TB15</b> t-bar 15/16" <b>ST</b> screw slot t-bar <b>TG9</b> tegular 9/16" <b>TG15</b> tegular 15/16" <b>DF</b> drywall flange
	(1) Please consult factory	(2) Available with T8 lamp only		

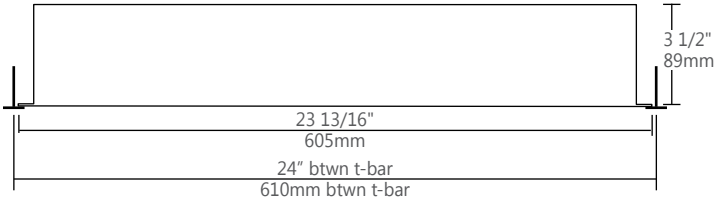
12 BATTERY	13 OTHER	14 IC CONTROLS	15 FUNCTIONALITY PLATES	16 CUSTOM
<b>B#</b> battery pack	<b>F</b> fuse <b>FW#</b> flex whip (6' std) <b>CP</b> chicago plenum	<b>DS#</b> daylight sensor <b>OS#</b> occupancy sensor <b>DS+OS#</b> daylight+occupancy sensor <b>DOS#</b> daylight&occupancy sensor	<b>MR16#</b> MR16 lamp <b>AR#</b> air return plate <b>BK#</b> blank plate <b>SR#</b> sprinkler plate <b>SPK#</b> speaker plate	<b>C</b> custom
		See integrated controls guide for further details	For 4ft and 5ft only	Please specify



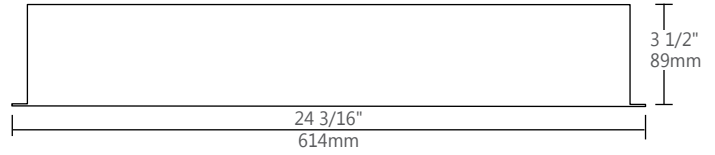
● DIMENSIONS - SIDE VIEW

**TEK - 2FT**

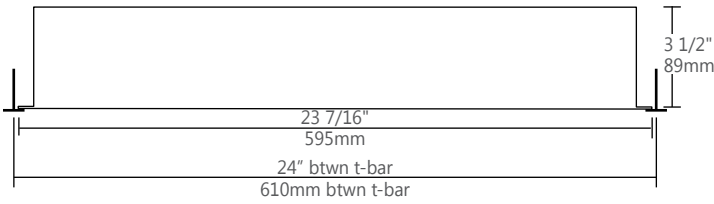
**TB9 - TB15 - TG9 - ST**



**DF**

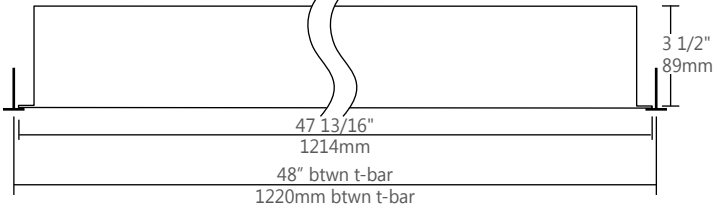


**TG15**

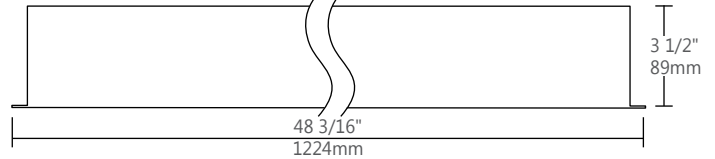


**TEK - 4FT**

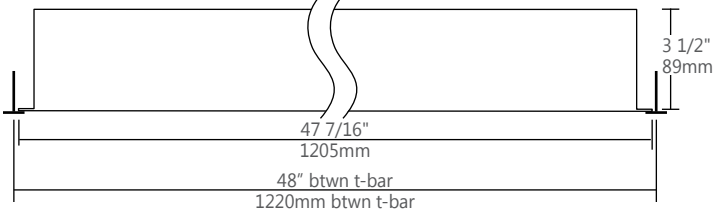
**TB9 - TB15 - TG9 - ST**



**DF**

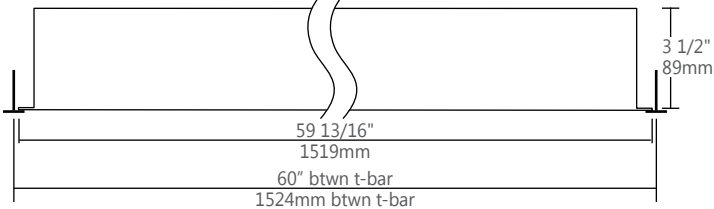


**TG15**

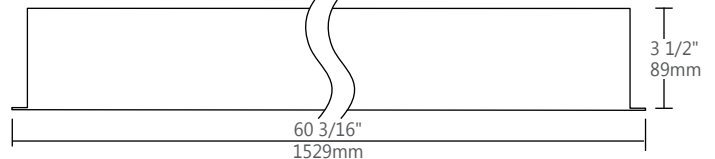


**TEK - 5FT**

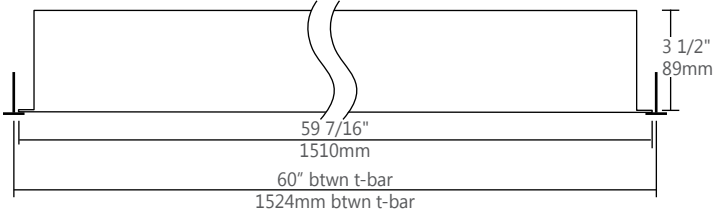
**TB9 - TB15 - TG9 - ST**



**DF**



**TG15**



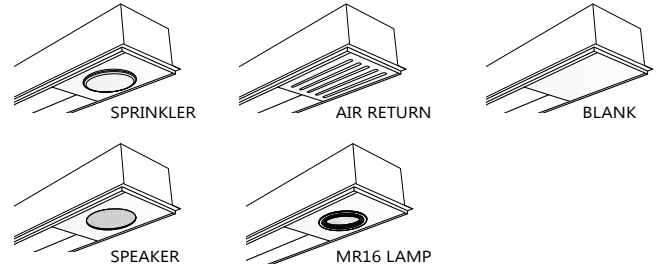
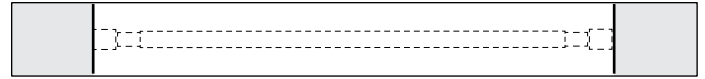
● **FUNCTIONALITY PLATES**

TEK 12 is compatible with the Armstrong Techzone™ ceiling systems. Air return and MR16 accent plates are provided complete, as shown. Speaker and sprinkler plates are ready to receive customer-furnished and installed equipment. Custom applications, can also be accommodated.

Nominally 6" long, the Functionality Plates are supplied in pairs for each applicable luminaire but can be specified with the same or different functions.

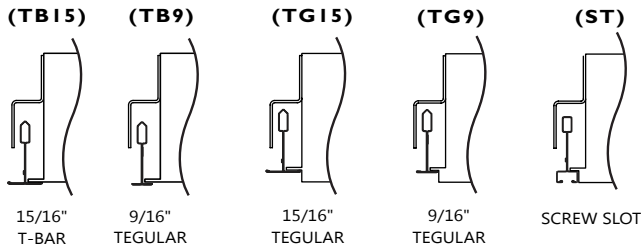
4' luminaires use nominal three-foot lamps;  
 5' luminaires use nominal four-foot lamps.

**i** Consult your Axis Representative to coordinate the specification.

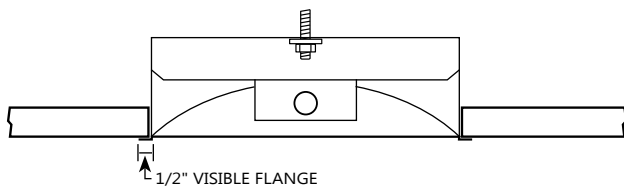


● **CEILING SYSTEM**

**T-BAR STYLE MOUNTING**



**DRYWALL MOUNTING**



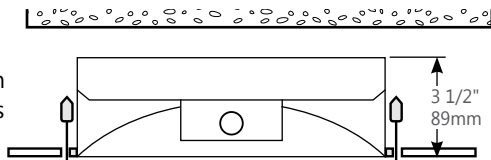
**i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)

● **CONSTRUCTION**

<b>Housing</b>	Extruded aluminum (0.070" nominal)
<b>Reflectors</b>	Extruded aluminum (0.070" nominal)
<b>Interior Brackets</b>	Die formed cold rolled sheet steel (18 gauge)
<b>Ballast Cover</b>	Die formed cold rolled sheet steel (24 gauge)
<b>Functionality Plate</b>	Die formed cold rolled sheet steel (22 gauge)
<b>T-Bar Bracket</b>	Die formed cold rolled sheet steel (16 gauge)

● **RESTRICTED PLENUM SPACE**

With a 3 1/2" depth, TEK's low-profile allows easy installation where plenum space is restricted.



● **LENS**

**Frosted Opal** Extruded PMMA (0.060" nominal) diffuses glare and reduce lamp image, while maintaining high light transmission.  
**Satin** Extruded PMMA (0.060" nominal) provides maximum glare reduction and light uniformity.

● **WEIGHT**

**2ft** - 11lbs/5.0kg, **4ft** - 21lbs/9.5kg, **5ft** - 26lbs/32.5kg

● **ELECTRICAL**

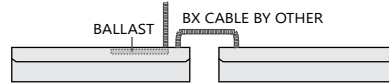
**Ballast** Electronic IS, Electronic Rapid Start, Dimming (0-10V, Line, EcoSystem, DALI), BI-level dimming  
 With preinstalled ballast disconnect as per NEC & CEC  
**Emergency** Emergency battery pack or emergency circuit  
**Voltage** 120V, 277V, 347V, UNV

● **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.

● **MASTER / SATELLITE CONFIGURATION**

Master / Satellite configuration allows the satellite luminaire to share a ballast and power supply with the master luminaire.



**i** Check Master/Satellite Installation Guide at: [www.axislighting.com](http://www.axislighting.com)

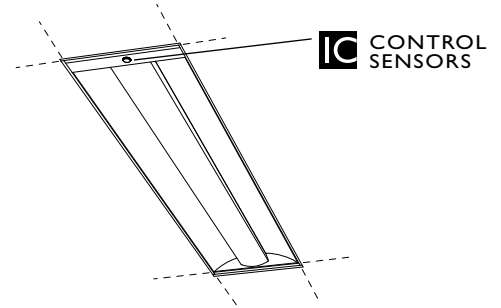
● **APPROVALS**

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

● **INTEGRATED CONTROL OPTIONS**

TEK 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.

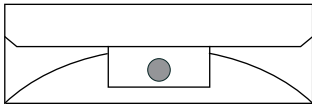
- Consult factory for other options.
- Refer to IC brochure for more information.



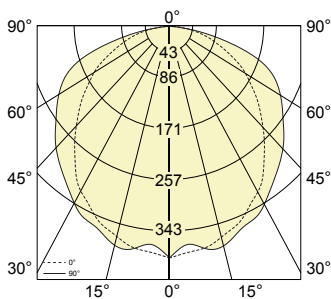
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed Rapid Start
		FS-155	PIR Occupancy	WP3	Programmed Rapid Start
		FS-505	Ultrasonic Occupancy	WU1	Programmed Rapid Start
		FS-505C	Ultrasonic Occupancy	WU2	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**

**I T5**



**PHOTOMETRIC CURVE**



**Test Lamp: 1xT5**  
 IES FILE: TEK12-FO-2-T5-1

**Efficiency: 81.9%**

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

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	386	386	386	386	386	
5	377	378	381	381	364	20
15	358	363	363	367	374	87
25	323	328	334	342	348	144
35	275	279	293	303	307	178
45	217	228	246	260	269	189
55	164	174	198	221	229	182
65	112	125	149	178	189	158
75	63	75	93	101	102	110
85	20	22	19	16	14	38
90	3	3	2	1	1	

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	1393	1398	1560
55	1233	1260	1499
65	1046	1127	1476
75	822	887	1016
85	444	256	205

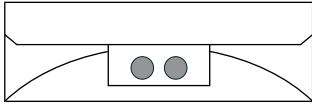
**COEFFICIENTS OF UTILIZATION (%)**

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	98	98	98	98	95	95	95	95	91	91	91
1	89	85	81	78	87	83	80	77	79	77	74
2	80	73	68	63	78	72	67	62	69	64	61
3	73	64	57	52	71	63	57	51	60	55	50
4	67	57	49	44	65	56	49	43	54	48	43
5	61	51	43	38	60	50	43	37	48	42	37
6	57	46	38	33	55	45	38	33	43	37	32
7	53	41	34	29	51	41	34	29	39	33	29
8	49	38	31	26	48	37	30	26	36	30	25
9	46	35	28	23	45	34	28	23	33	27	23
10	43	32	25	21	42	31	25	21	31	25	21

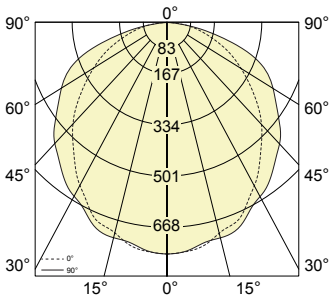
Based on floor reflectance of 20

● **PHOTOMETRIC DATA**

**2 T5**



**PHOTOMETRIC CURVE**



**Test Lamp: 2xF14T5**  
 IES FILE: TEK12-FO-2-T5-2

**Efficiency: 78.2%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	751	751	751	751	751	
5	746	739	744	744	744	40
15	698	700	711	716	719	169
25	630	633	642	659	657	277
35	528	542	566	583	595	344
45	429	439	475	499	521	366
55	316	334	376	415	428	345
65	216	237	282	327	347	296
75	119	142	170	177	179	201
85	37	42	37	30	27	70
90	6	6	3	2	2	

**COEFFICIENTS OF UTILIZATION (%)**

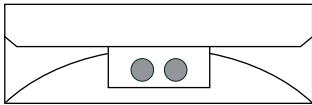
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	93	93	93	93	91	91	91	91	87	87	87
1	85	81	78	74	83	79	76	73	76	73	71
2	77	70	65	60	75	69	64	60	66	62	58
3	70	62	55	50	68	60	54	49	58	53	48
4	64	54	47	42	62	53	47	42	51	46	41
5	59	49	41	36	57	48	41	36	46	40	36
6	54	44	37	32	53	43	36	31	42	36	31
7	50	40	33	28	49	39	32	28	38	32	28
8	47	36	29	25	46	36	29	25	35	29	25
9	44	33	27	22	43	33	27	22	32	26	22
10	41	31	24	20	40	30	24	20	29	24	20

Based on floor reflectance of 20

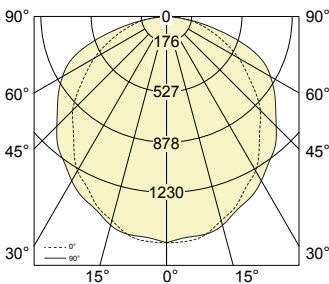
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	2751	2699	3018
55	2367	2399	2802
65	2025	2126	2700
75	1550	1621	1790
85	833	509	390

**2 T5**



**PHOTOMETRIC CURVE**



**Test Lamp: 2xF28T5**  
 IES FILE: TEK12-FO-4-T5-2

**Efficiency: 77.9%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1581	1581	1581	1581	1581	
5	1577	1575	1554	1548	1550	84
15	1476	1479	1497	1493	1510	359
25	1315	1357	1362	1378	1393	584
35	1128	1172	1205	1231	1246	730
45	928	948	1012	1058	1084	778
55	684	728	805	882	921	742
65	468	517	610	707	746	641
75	266	317	378	385	385	440
85	85	99	81	65	59	157
90	20	13	6	5	5	

**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	93	93	93	93	91	91	91	91	87	87	87
1	84	81	77	74	82	79	76	73	75	73	71
2	77	70	64	60	74	68	63	59	66	61	58
3	70	61	55	49	68	60	54	49	58	52	48
4	64	54	47	42	62	53	46	41	51	45	41
5	58	48	41	36	57	47	41	36	46	40	35
6	54	43	36	31	52	43	36	31	41	35	31
7	50	39	32	27	49	39	32	27	37	32	27
8	47	36	29	25	45	35	29	24	34	28	24
9	44	33	26	22	42	32	26	22	32	26	22
10	41	30	24	20	40	30	24	20	29	24	20

Based on floor reflectance of 20

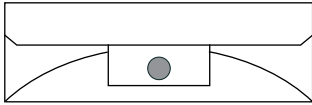
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	3122	2933	3072
55	2756	2653	2945
65	2446	2413	2838
75	2062	1947	1880
85	1362	626	417

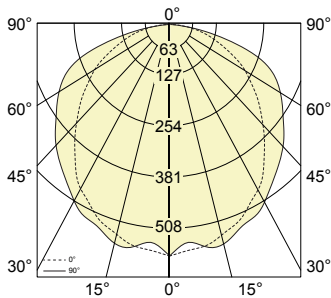
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

● PHOTOMETRIC DATA

**1 T5HO**



**PHOTOMETRIC CURVE**



**Test Lamp: 1xF24T5HO**  
 IES FILE: TEK12-FO-2-T5HO-1

**Efficiency: 81.9%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	571	571	571	571	571	
5	559	561	565	565	539	30
15	531	538	538	544	553	129
25	479	485	495	507	515	213
35	407	413	435	449	454	264
45	322	338	364	385	399	280
55	244	258	293	328	339	269
65	166	185	221	264	281	234
75	94	111	137	149	150	162
85	29	33	28	23	21	56
90	5	4	2	2	2	

**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	98	98	98	98	95	95	95	95	91	91	91
1	89	85	81	78	87	83	80	77	79	77	74
2	80	73	68	63	78	72	67	62	69	64	61
3	73	64	57	52	71	63	57	51	60	55	50
4	67	57	49	44	65	56	49	43	54	48	43
5	61	51	43	38	60	50	43	37	48	42	37
6	57	46	38	33	55	45	38	33	43	37	32
7	53	41	34	29	51	41	34	29	39	33	29
8	49	38	31	26	48	37	30	26	36	30	25
9	46	35	28	23	45	34	28	23	33	27	23
10	43	32	25	21	42	31	25	21	31	25	21

Based on floor reflectance of 20

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	2064	2071	2311
55	1827	1867	2221
65	1550	1669	2186
75	1218	1313	1505
85	657	379	304

**COEFFICIENTS OF UTILIZATION (%)**

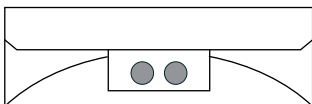
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	93	93	93	93	91	91	91	91	87	87	87
1	85	81	78	74	83	79	76	73	76	73	71
2	77	70	65	60	75	69	64	60	66	62	58
3	70	62	55	50	68	60	54	49	58	53	48
4	64	54	47	42	62	53	47	42	51	46	41
5	59	49	41	36	57	48	41	36	46	40	36
6	54	44	37	32	53	43	36	31	42	36	31
7	50	40	33	28	49	39	32	28	38	32	28
8	47	36	29	25	46	36	29	25	35	29	25
9	44	33	27	22	43	33	27	22	32	26	22
10	41	31	24	20	40	30	24	20	29	24	20

Based on floor reflectance of 20

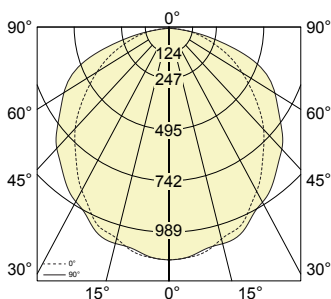
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	4076	3999	4471
55	3506	3554	4151
65	2999	3149	3999
75	2296	2402	2652
85	1233	754	577

**2 T5HO**



**PHOTOMETRIC CURVE**



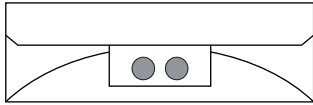
**Test Lamp: 2xF24T5HO**  
 IES FILE: TEK12-FO-2-T5HO-2

**Efficiency: 78.2%**

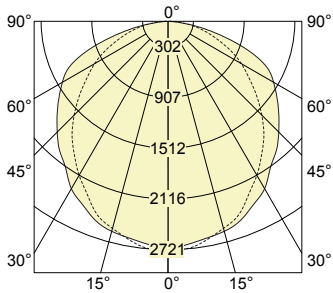
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

● PHOTOMETRIC DATA

**2 T5HO**



**PHOTOMETRIC CURVE**



**Test Lamp: 2x F54T5HO**  
 IES FILE: TEK12-FO-4-T5HO-2

**Efficiency: 77.9%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2721	2721	2721	2721	2721	
5	2717	2644	2688	2668	2669	144
15	2554	2529	2589	2589	2590	617
25	2275	2308	2365	2369	2409	1009
35	1944	1990	2086	2120	2128	1253
45	1580	1634	1728	1835	1866	1341
55	1180	1258	1388	1525	1586	1280
65	822	901	1052	1219	1303	1107
75	457	549	652	666	665	758
85	155	166	141	113	102	271
90	33	24	10	10	8	

**LUMINANCE DATA (CD/M<sup>2</sup>)**

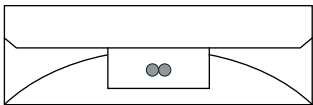
Vertical Angle	Horizontal Angles		
	0	45	90
45	5314	5007	5286
55	4753	4574	5074
65	4294	4165	4956
75	3545	3359	3243
85	2485	1086	727

**COEFFICIENTS OF UTILIZATION (%)**

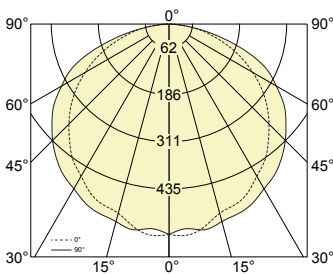
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	93	93	93	93	91	91	91	91	87	87	87
1	84	81	77	74	82	79	76	73	75	73	70
2	76	70	64	60	74	68	63	59	66	61	58
3	70	61	55	49	68	60	54	49	57	52	48
4	64	54	47	42	62	53	46	41	51	45	41
5	58	48	41	36	57	47	41	35	46	40	35
6	54	43	36	31	52	43	36	31	41	35	31
7	50	39	32	27	49	39	32	27	37	31	27
8	47	36	29	24	45	35	29	24	34	28	24
9	43	33	26	22	42	32	26	22	32	26	22
10	41	30	24	20	40	30	24	20	29	24	20

Based on floor reflectance of 20

**1 F25TT**



**PHOTOMETRIC CURVE**



**Test Lamp: 1x F25TT**  
 IES FILE: TEK12-S-2-F25TT-1

**Efficiency: 69.1%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	555	555	555	555	555	
5	559	555	547	556	542	30
15	517	534	535	535	540	127
25	492	499	513	516	522	216
35	441	454	470	482	486	281
45	374	390	415	429	434	313
55	299	322	345	363	370	310
65	211	237	261	279	286	269
75	119	142	159	153	151	184
85	36	40	34	28	26	66
90	6	5	2	2	2	

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	2397	2356	2516
55	2242	2200	2424
65	1979	1968	2230
75	1541	1516	1513
85	809	470	378

**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	83	83	83	83	81	81	81	81	77	77	77
1	75	71	68	65	73	70	67	64	67	64	62
2	68	62	57	52	66	60	56	52	58	54	51
3	61	54	48	43	60	53	47	43	51	46	42
4	56	47	41	36	54	46	40	36	45	39	35
5	51	42	36	31	50	41	35	31	40	34	30
6	47	38	31	27	46	37	31	27	36	30	26
7	44	34	28	23	43	34	28	23	32	27	23
8	41	31	25	21	40	31	25	21	30	24	21
9	38	28	23	19	37	28	22	19	27	22	18
10	36	26	21	17	35	26	20	17	25	20	17

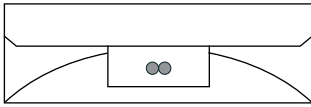
Based on floor reflectance of 20

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

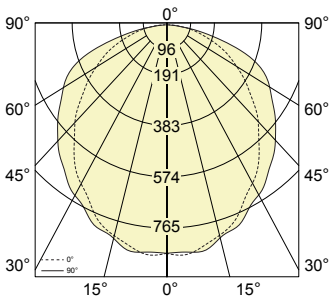


● PHOTOMETRIC DATA

**I F40TT**



**PHOTOMETRIC CURVE**



**Test Lamp: 1xF40TT**  
 IES FILE: TEK12-FO-2-F40TT-1

**Efficiency: 74.9%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	848	848	848	848	848	
5	856	839	861	843	847	46
15	801	798	803	807	809	193
25	699	720	732	735	739	313
35	599	610	629	654	661	385
45	477	494	521	551	573	407
55	353	372	413	459	478	383
65	244	265	312	367	390	330
75	132	158	186	195	199	223
85	44	48	40	33	30	78
90	8	7	4	3	2	

**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	89	89	89	89	87	87	87	87	83	83	83
1	81	78	74	71	79	76	73	70	73	70	68
2	74	67	62	58	72	66	61	57	63	59	56
3	67	59	53	48	65	58	52	47	56	51	47
4	61	52	46	40	60	51	45	40	49	44	40
5	56	47	40	35	55	46	39	35	44	39	34
6	52	42	35	30	51	41	35	30	40	34	30
7	48	38	31	27	47	38	31	27	36	31	27
8	45	35	28	24	44	34	28	24	33	28	24
9	42	32	26	22	41	32	26	22	31	25	21
10	39	30	24	20	39	29	23	20	28	23	19

Based on floor reflectance of 20

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	3039	2937	3285
55	2630	2613	3095
65	2268	2332	3012
75	1709	1761	1969
85	966	542	430

**COEFFICIENTS OF UTILIZATION (%)**

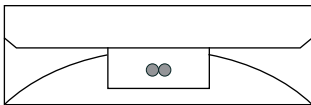
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	89	89	89	89	87	87	87	87	83	83	83
1	81	78	74	71	79	76	73	70	73	70	68
2	74	67	62	58	72	66	61	57	63	59	56
3	67	59	53	48	65	58	52	47	56	51	47
4	61	52	46	40	60	51	45	40	49	44	40
5	56	47	40	35	55	46	39	35	44	39	34
6	52	42	35	30	51	41	35	30	40	34	30
7	48	38	31	27	47	37	31	27	36	31	27
8	45	35	28	24	44	34	28	24	33	28	24
9	42	32	26	22	41	32	26	21	31	25	21
10	39	30	24	20	39	29	23	20	28	23	19

Based on floor reflectance of 20

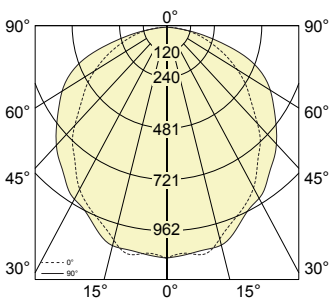
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	3768	3740	4197
55	3344	3318	3958
65	2824	2962	3764
75	2197	2290	2482
85	1232	686	541

**I F50TT**



**PHOTOMETRIC CURVE**



**Test Lamp: 1xF50TT**  
 IES FILE: TEK12-FO-2-F50TT-1

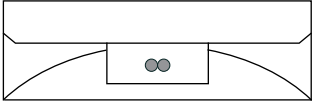
**Efficiency: 74.9%**

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

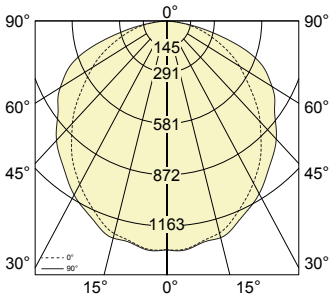


● PHOTOMETRIC DATA

I F55TT



PHOTOMETRIC CURVE



Test Lamp: IxF55TT  
 IES FILE: TEK12-FO-2-F55TT-1

Efficiency: 75.7%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1289	1289	1289	1289	1289	
5	1290	1302	1270	1308	1295	69
15	1225	1230	1246	1242	1256	296
25	1087	1096	1122	1141	1145	481
35	929	932	978	1000	1011	593
45	740	763	814	859	879	628
55	540	574	639	712	747	593
65	370	400	481	564	601	508
75	206	242	292	303	304	345
85	64	71	61	49	47	119
90	12	9	4	4	3	

LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4750	4626	5092
55	4053	4079	4889
65	3463	3622	4680
75	2671	2793	3038
85	1419	836	689

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	90	90	90	90	88	88	88	88	84	84	84
1	82	79	75	72	80	77	74	71	74	71	69
2	75	68	63	59	73	67	62	58	64	60	56
3	68	60	53	48	66	59	53	48	56	51	47
4	62	53	46	41	60	52	46	41	50	44	40
5	57	47	40	35	55	46	40	35	45	39	35
6	53	43	36	31	51	42	35	31	40	35	30
7	49	39	32	27	48	38	32	27	37	31	27
8	46	35	29	24	44	35	28	24	34	28	24
9	43	32	26	22	41	32	26	22	31	25	22
10	40	30	24	20	39	29	24	20	29	23	20

Based on floor reflectance of 20

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