



SURFACE MOUNT

PROJECT INFORMATION

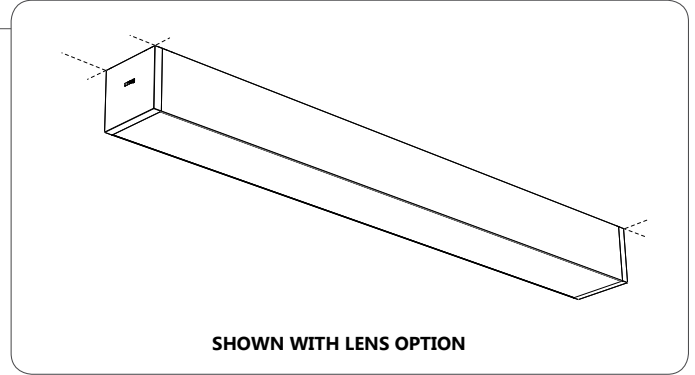
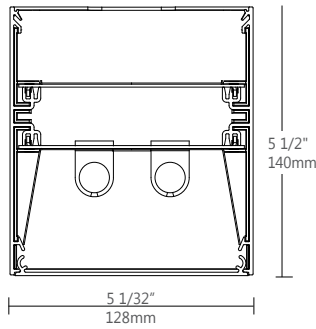
Project:

Type:

Notes:

DIMENSIONS

SECTION VIEWS



ORDERING CODE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

PRODUCT SPECIFICATIONS

1 PRODUCT ID	2 OPTICS DIRECT	3 LENGTH/FT	4 SPECIFY LENGTH	5 LAMP	6 LAMP CONFIGURATION
B6S surface	S satin lens F frosted lens ⁽¹⁾ PL semi spec. para. louvers B blank	2 2' 3 3' 4 4' 5 5' 6 6' 8 8' 12 12' S# System Run	NL nominal (3' & 4' lamps) NL4 nominal (4' lamps only) EX exact (3' & 4' lamps) EX4 exact (4' lamps only)	T5 T5 T5HO T5HO T8 T8	0 0 lamp 1 1 lamp 2 2 lamps 3 3 lamps ⁽²⁾ +S staggered ⁽³⁾
(1) not recommended with staggered lamping				(2) Not available with T8 lamp (3) available with 1 lamp only	

7 MR	8 FINISH	9 VOLTAGE	10 BALLAST	11 CIRCUITS	12 MOUNTING/SUSPENSION
M16# MR 16 halogen M16LED# MR 16 LED	AP aluminum paint W white C custom	120 120V 277 277V 347 347V ⁽⁴⁾ UNV universal	D dimming E instant start ⁽⁵⁾ ERS program start BI bi-level dimming	1 1 regular 2 2 regular 2A/B 2 alternating +E# emergency section +NL# night light section +GTD# generator transfer device +M MR	S surface drywall ceiling SB surface t-bar ceiling SC surface solid ceiling
Add 9" per lamp Requires 120V or 277V		(4) Please consult factory	(5) Available with T8 lamp only		

13 BATTERY	14 OTHER	15 IC CONTROLS	16 CUSTOM
B# battery pack 4' sections	F fuse EF end feed FW# flex whip (6' std)	DS# daylight sensor OS# occupancy sensor DS+OS# daylight+occupancy sensor DOS# daylight&occupancy sensor <small>See integrated controls guide for further details</small>	C custom <small>Please specify</small>



CONSTRUCTION

Housing	Extruded Aluminum (0.075" nominal) up to 70% Recycled Content
End Cap	Sheet Steel (18 ga)
Interior Brackets	Die Formed Sheet Steel (18 ga)
Reflectors	White Powder Coated Sheet Steel (22 ga)
Louvers	Die Formed Semi-Specular Aluminum (22 ga)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.

WEIGHT

4 ft	16.3 lbs / 7.4 kg
8 ft	32.6 lbs / 14.8 kg
12 ft	48.9 lbs / 22.2 kg

SYSTEM (S#)

BEAM 6 linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 6 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 BEAM installation sheets available for download at www.axislighting.com.

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

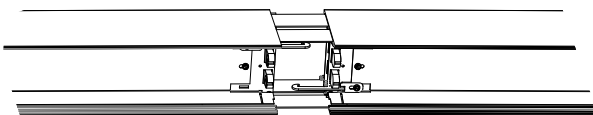
1 Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.

APPROVALS

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

JOINERS

In order to allow very long runs of BEAM 6 luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM option.



NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

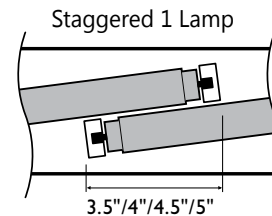
FINISH

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

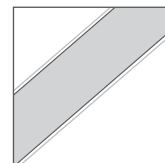
STAGGERED LAMPING

When BEAM 6 is used in continuous runs longer than 4', staggered lamping can be used to eliminate the appearance of socket shadows at the ends of the lamps. BEAM 6 uses a staggered overlap of 4 different overlapping bracket lengths (3.5", 4", 4.5" and 5"), along with 3' and 4' lamps, allows us to match almost any row length requirements with optimal results. For example 3 x 3' T5 lamps can be used to completely illuminate the lens of an 8' luminaire.

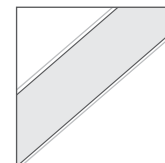
LAMP TYPE	T5	T5HO	T8
1 lamp	•	•	•



OPTICS



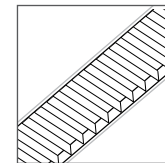
S satin lens



F frosted lens

SATIN & FROSTED LENS

(acrylic snap-in lens)
 satin: 68% trans.
 frosted: 85% trans.



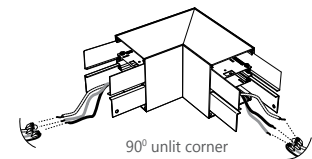
PL semi-specular parabolic louvers

LOUVERS

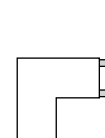
(semi-spec. parabolic louver)
 9/16" deep blades-5/8" spacing
 72 blades per 4'

CORNERS

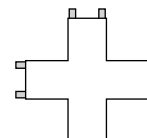
Unlit Corners - BEAM6 features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



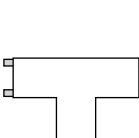
90° unlit corner



90° corner

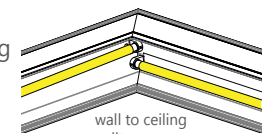


X junction



T junction

Lit Corners - In addition Axis offers Lit 90° Corners including Ceiling to Ceiling, Wall to Ceiling and Ceiling to Wall.



wall to ceiling lit corner

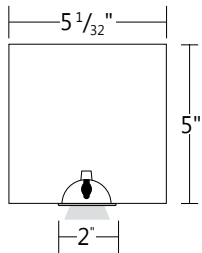
1 For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com

● **MR16**

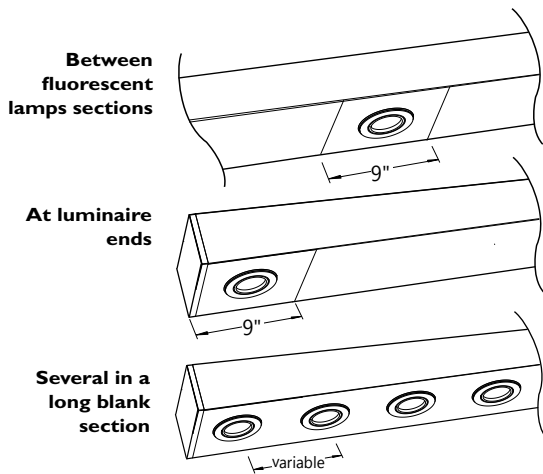
Blank MR16 Halogens MR16 LED Quantity

Extruded Aluminum (0.075" nominal)
 2.0" diameter (35W / 50W)
 2.0" diameter
 For every 4' fluorescent lamp section, there may be up to a maximum of 4 x MR16 lamps.
 Each MR16 is placed centered on a blank section 9" in length.

Spacing



For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR16 Halogen lamps are fixed downward. Custom spacing may be available on special request.



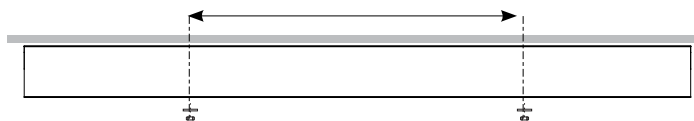
● **MOUNTING OPTIONS**

Staggered Between Mounting Points:

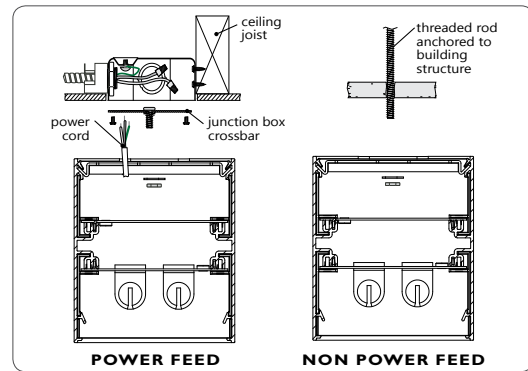
1 T5/T5HO LAMP		1 T8 LAMP	
BEAM6 8'	(72 5/8" C.C.)	BEAM6 8'	(76" C.C.)
BEAM6 12'	(114 15/16" C.C.)	BEAM6 12'	(120" C.C.)
2 T5/T5HO LAMP		2 T8 LAMP	
BEAM6 8'	(80 5/8" C.C.)	BEAM6 8'	(84" C.C.)
BEAM6 12'	(126 15/16" C.C.)	BEAM6 12'	(132" C.C.)

End to End Between Mounting Points:

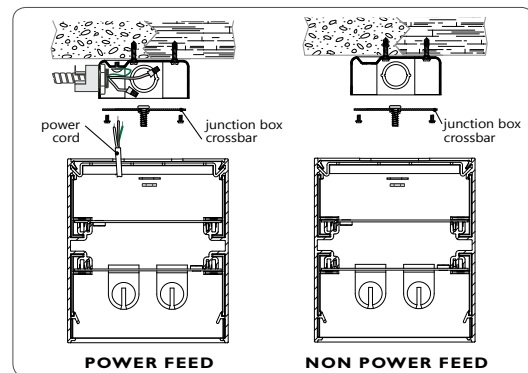
T5/T5HO LAMP		T8 LAMP	
BEAM6 4'	(38 5/16" C.C.)	BEAM6 4'	(40" C.C.)
BEAM6 8'	(84 5/8" C.C.)	BEAM6 8'	(88" C.C.)
BEAM6 12'	(130 15/16" C.C.)	BEAM6 12'	(136" C.C.)



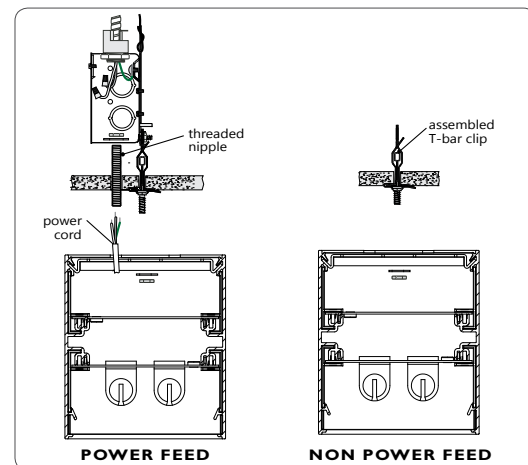
● **MOUNTING DETAILS**



S SURFACE MOUNT DRYWALL CEILING



SC SURFACE MOUNT SOLID CEILING

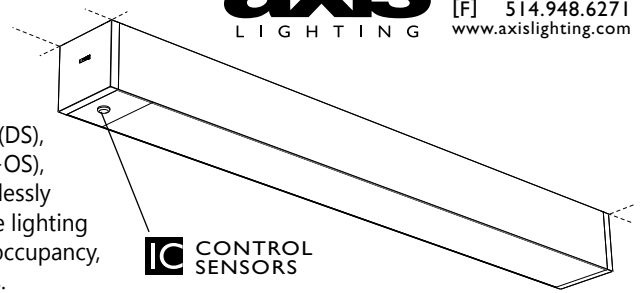


SB SURFACE MOUNT T-BAR CEILING

● **OTHER MOUNTING OPTIONS**

BEAM 6 is also available with recessed, pendant, wall, recessed wall, asymmetric and wall wash mounted options.

i Specification sheets and Installation sheets for all mounting for BEAM luminaires are available for download at www.axislighting.com



● INTEGRATED CONTROL OPTIONS

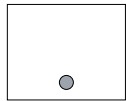
BEAM 6 luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system 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.

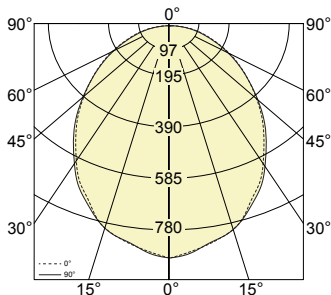
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed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

I T5



PHOTOMETRIC CURVE



Test Lamp: 1xF28T5
 IES FILE: B6-F-FL-4-T5-1-0

Efficiency: 75.0%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	877	877	877	877	877	
5	857	862	868	852	863	46
15	816	814	826	826	817	197
25	725	726	734	733	738	316
35	613	617	621	623	626	382
45	489	491	494	497	499	388
55	361	362	367	365	361	343
65	245	242	241	241	239	263
75	137	137	136	132	129	166
85	49	47	44	41	38	72
90	6	5	4	3	2	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4033	2500	2246
55	3528	1919	1646
65	3042	1352	1137
75	2438	844	666
85	1609	320	221

COEFFICIENTS OF UTILIZATION (%)

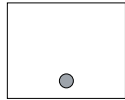
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	90	90	90	90	87	87	87	87	84	84	84
1	82	78	75	72	80	77	74	71	73	71	69
2	75	69	64	59	73	67	63	59	64	61	57
3	68	60	54	50	66	59	54	49	57	52	48
4	63	54	47	42	61	53	47	42	51	46	41
5	58	48	42	37	56	47	41	36	46	40	36
6	53	44	37	32	52	43	37	32	42	36	32
7	50	40	33	29	48	39	33	28	38	32	28
8	46	36	30	26	45	36	30	26	35	29	25
9	43	33	27	23	42	33	27	23	32	27	23
10	41	31	25	21	40	30	25	21	30	25	21

Based on floor reflectance of 20

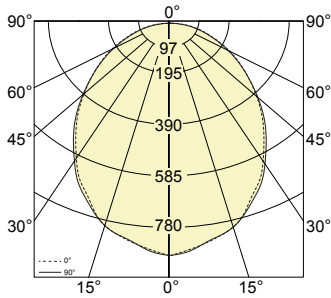
i All IES files for other lamping are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

1 T5



PHOTOMETRIC CURVE



Test Lamp: 1xF28T5

IES FILE: B6-F-FL-4S-T5-1S-0

Efficiency: 75.0%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	877	877	877	877	877	
5	857	862	868	852	863	46
15	816	814	826	826	817	197
25	725	726	734	733	738	316
35	613	617	621	623	626	382
45	489	491	494	497	499	388
55	361	362	367	365	361	343
65	245	242	241	241	239	263
75	137	137	136	132	129	166
85	49	47	44	41	38	72
90	6	5	4	3	2	

COEFFICIENTS OF UTILIZATION (%)

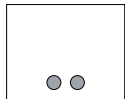
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	90	90	90	90	87	87	87	87	84	84	84
1	82	78	75	72	80	77	74	71	73	71	69
2	75	69	64	59	73	67	63	59	64	61	57
3	68	60	54	50	66	59	54	49	57	52	48
4	63	54	47	42	61	53	47	42	51	46	41
5	58	48	42	37	56	47	41	36	46	40	36
6	53	44	37	32	52	43	37	32	42	36	32
7	50	40	33	29	48	39	33	28	38	32	28
8	46	36	30	26	45	36	30	26	35	29	25
9	43	33	27	23	42	33	27	23	32	27	23
10	41	31	25	21	40	30	25	21	30	25	21

Based on floor reflectance of 20

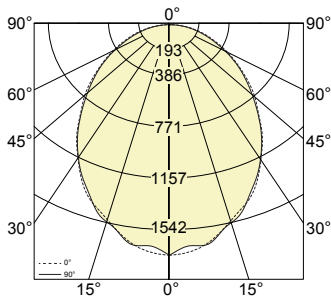
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4033	2500	2246
55	3528	1919	1646
65	3042	1352	1137
75	2438	844	666
85	1609	320	221

2 T5



PHOTOMETRIC CURVE



Test Lamp: 2xF28T5

IES FILE: B6D-F-FL-4-T5-2-0

Efficiency: 72.3%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1735	1735	1735	1735	1735	
5	1717	1697	1715	1690	1671	92
15	1586	1594	1609	1597	1587	384
25	1435	1430	1423	1419	1418	615
35	1203	1193	1200	1194	1198	738
45	945	954	949	944	937	746
55	707	705	688	683	688	655
65	472	472	466	455	454	504
75	269	265	259	249	247	319
85	93	89	83	78	78	137
90	11	10	7	6	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	86	86	86	86	84	84	84	84	81	81	81
1	79	76	73	70	77	74	71	69	71	69	66
2	72	66	61	57	70	65	60	57	62	58	55
3	66	58	53	48	64	57	52	48	55	51	47
4	61	52	46	41	59	51	45	41	49	44	40
5	56	47	40	36	54	46	40	35	44	39	35
6	52	42	36	31	50	41	35	31	40	35	31
7	48	38	32	28	47	38	32	28	37	31	27
8	45	35	29	25	44	35	29	25	34	28	25
9	42	32	26	22	41	32	26	22	31	26	22
10	39	30	24	20	38	30	24	20	29	24	20

Based on floor reflectance of 20

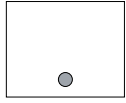
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7800	4804	4215
55	6898	3604	3132
65	5855	2607	2158
75	4773	1610	1273
85	3076	602	449

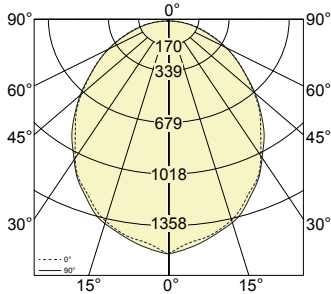
i All IES files for other lamping are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

I T5HO



PHOTOMETRIC CURVE



Test Lamp: 1xF54T5HO
 IES FILE: B6-F-FL-4-T5HO-1-0

Efficiency: 75.0%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1527	1527	1527	1527	1527	
5	1464	1471	1496	1494	1496	80
15	1396	1407	1425	1419	1409	339
25	1247	1256	1271	1259	1269	544
35	1056	1058	1076	1078	1073	658
45	845	846	849	855	858	669
55	617	626	628	625	621	590
65	420	421	421	417	418	455
75	236	236	233	226	222	287
85	85	80	75	70	68	123
90	11	9	6	5	5	

COEFFICIENTS OF UTILIZATION (%)

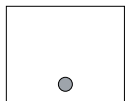
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	90	90	90	90	87	87	87	87	84	84	84
1	82	78	75	72	80	77	74	71	73	71	69
2	75	69	64	59	73	67	63	59	64	61	57
3	68	60	54	50	66	59	54	49	57	52	48
4	63	54	47	42	61	53	47	42	51	46	41
5	58	48	42	37	56	47	41	36	46	40	36
6	53	44	37	32	52	43	37	32	42	36	32
7	50	40	33	29	48	39	33	28	38	32	28
8	46	36	30	26	45	36	30	26	35	29	25
9	43	33	27	23	42	33	27	23	32	27	23
10	41	31	25	21	40	30	25	21	30	25	21

Based on floor reflectance of 20

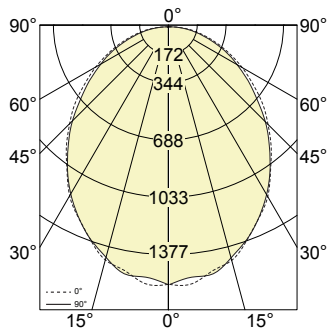
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	6977	4295	3860
55	6028	3287	2826
65	5210	2356	1989
75	4194	1450	1140
85	2821	541	392

I T5HO



PHOTOMETRIC CURVE



Test Lamp: 1xF54T5HO
 IES FILE: B6-F-FL-4S-T5HO-1S-0

Efficiency: 73.5%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1547	1547	1547	1547	1547	
5	1549	1535	1532	1512	1510	82
15	1450	1437	1431	1430	1433	345
25	1267	1274	1268	1264	1265	549
35	1055	1063	1063	1053	1050	653
45	836	842	832	820	814	654
55	616	612	599	584	581	568
65	410	406	398	385	387	433
75	227	227	219	211	208	272
85	81	78	71	66	66	117
90	10	8	6	5	4	

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	88	88	88	88	86	86	86	86	82	82	82
1	80	77	74	71	78	75	72	70	72	70	68
2	73	67	63	58	71	66	62	58	63	60	56
3	67	60	54	49	65	58	53	49	56	52	48
4	62	53	47	42	60	52	46	42	50	45	41
5	57	48	41	36	55	47	41	36	45	40	36
6	53	43	37	32	51	42	36	32	41	36	32
7	49	39	33	29	48	39	33	28	38	32	28
8	46	36	30	26	45	35	30	26	34	29	25
9	43	33	27	23	42	33	27	23	32	27	23
10	40	31	25	21	39	30	25	21	30	24	21

Based on floor reflectance of 20

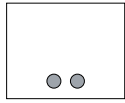
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	6861	4104	3559
55	5969	3040	2557
65	5034	2148	1771
75	3974	1308	1023
85	2606	488	362

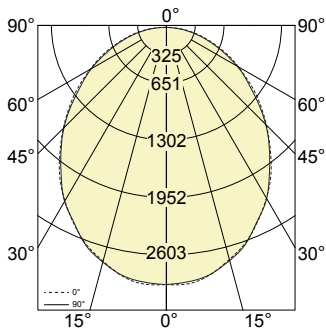
i All IES files for other lamping are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2x F54T5HO
 IES FILE: B6D-F-FL-4-T5HO-2-0

Efficiency: 72.3%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2926	2926	2926	2926	2926	
5	2929	2893	2892	2885	2906	156
15	2745	2771	2775	2780	2757	665
25	2456	2459	2443	2446	2448	1060
35	2082	2066	2079	2060	2056	1274
45	1635	1644	1639	1629	1624	1288
55	1212	1214	1195	1182	1171	1130
65	815	809	796	782	782	866
75	455	458	444	433	430	550
85	160	155	144	136	132	237
90	20	18	13	10	9	

COEFFICIENTS OF UTILIZATION (%)

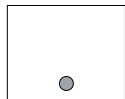
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	86	86	86	86	84	84	84	84	81	81	81
1	79	76	73	70	77	74	71	69	71	69	66
2	72	66	61	57	70	65	60	57	62	59	55
3	66	58	53	48	64	57	52	48	55	51	47
4	61	52	46	41	59	51	45	41	49	44	40
5	56	47	40	36	54	46	40	35	44	39	35
6	52	42	36	31	50	41	35	31	40	35	31
7	48	38	32	28	47	38	32	28	37	31	27
8	45	35	29	25	44	35	29	25	34	28	25
9	42	32	26	22	41	32	26	22	31	26	22
10	39	30	24	20	38	30	24	20	29	24	20

Based on floor reflectance of 20

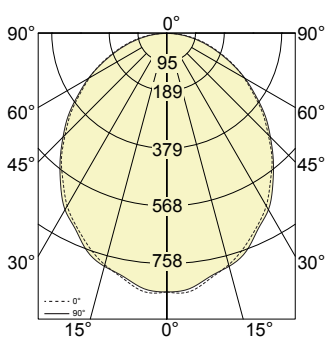
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13490	8293	7306
55	11829	6255	5331
65	10116	4456	3719
75	8090	2762	2213
85	5286	1044	765

1 T8



PHOTOMETRIC CURVE



Test Lamp: 1x F32T8
 IES FILE: B6-F-FL-4-T8-1-0

Efficiency: 72.8%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	850	850	850	850	850	
5	852	832	834	825	843	45
15	787	789	786	787	792	189
25	700	705	701	709	709	304
35	593	593	602	608	606	369
45	470	477	480	481	480	376
55	347	353	354	355	355	334
65	239	238	237	236	235	258
75	135	133	133	131	128	164
85	48	46	43	41	40	71
90	6	5	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	87	87	87	87	85	85	85	85	81	81	81
1	79	76	73	70	77	74	71	69	71	69	67
2	72	66	62	57	70	65	61	57	62	59	55
3	66	59	53	48	64	57	52	48	55	51	47
4	61	52	46	41	59	51	45	41	49	44	40
5	56	47	40	35	54	46	40	35	44	39	35
6	52	42	36	31	50	41	35	31	40	35	31
7	48	38	32	28	47	38	32	28	37	31	27
8	45	35	29	25	44	35	29	25	34	28	25
9	42	32	26	22	41	32	26	22	31	26	22
10	39	30	24	20	38	29	24	20	29	24	20

Based on floor reflectance of 20

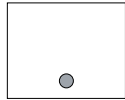
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3758	2338	2077
55	3284	1782	1553
65	2872	1275	1072
75	2340	796	630
85	1567	299	224

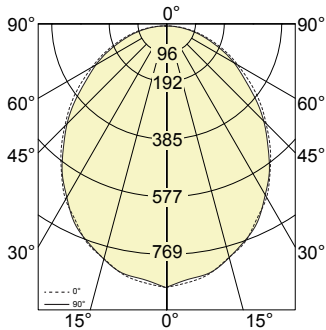
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

1 T8



PHOTOMETRIC CURVE



Test Lamp: 1xF32T8

IES FILE: B6-F-FL-4S-T8-1S-0

Efficiency: 71.4%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	865	865	865	865	865	
5	852	854	858	844	842	46
15	795	799	800	801	797	192
25	707	710	711	707	716	307
35	599	597	592	593	595	367
45	471	474	469	461	461	369
55	349	346	338	333	324	321
65	233	230	225	219	219	245
75	131	128	127	119	120	154
85	45	44	40	38	36	66
90	6	5	3	3	2	

LUMINANCE DATA (CD/M²)

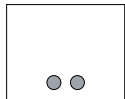
Vertical Angle	Horizontal Angles		
	0	45	90
45	3747	2238	1946
55	3278	1661	1379
65	2777	1177	970
75	2229	732	568
85	1431	266	192

COEFFICIENTS OF UTILIZATION (%)

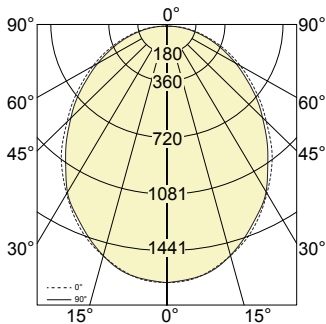
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	85	85	85	85	83	83	83	83	80	80	80
1	78	75	72	69	76	73	70	68	70	68	66
2	71	65	61	57	69	64	60	56	62	58	55
3	65	58	52	48	63	57	51	47	55	50	46
4	60	51	45	41	58	51	45	40	49	44	40
5	55	46	40	35	54	45	39	35	44	39	35
6	51	42	36	31	50	41	35	31	40	35	31
7	48	38	32	28	46	37	32	27	36	31	27
8	44	35	29	25	43	34	29	25	33	28	25
9	41	32	26	22	40	32	26	22	31	26	22
10	39	30	24	20	38	29	24	20	29	24	20

Based on floor reflectance of 20

2 T8



PHOTOMETRIC CURVE



Test Lamp: 2xF32T8

IES FILE: B6D-F-FL-4-T8-2-0

Efficiency: 67.4%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1621	1621	1621	1621	1621	
5	1610	1599	1579	1578	1605	86
15	1508	1496	1501	1510	1507	363
25	1348	1336	1329	1334	1328	577
35	1137	1122	1117	1113	1101	689
45	890	890	878	872	855	693
55	659	656	638	635	624	608
65	448	438	428	418	414	467
75	249	245	239	233	229	296
85	86	84	77	73	72	128
90	12	10	7	6	5	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7113	4279	3699
55	6231	3215	2729
65	5390	2304	1892
75	4298	1431	1131
85	2790	537	397

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	80	80	80	80	79	79	79	79	75	75	75
1	74	70	68	65	72	69	66	64	66	64	62
2	67	62	57	53	65	60	56	53	58	55	52
3	61	54	49	45	60	53	48	44	51	47	44
4	56	48	43	38	55	48	42	38	46	41	37
5	52	44	38	33	51	43	37	33	41	36	33
6	48	39	33	29	47	39	33	29	37	33	29
7	45	36	30	26	44	35	30	26	34	29	26
8	42	33	27	23	41	32	27	23	31	27	23
9	39	30	25	21	38	30	25	21	29	24	21
10	37	28	23	19	36	28	23	19	27	22	19

Based on floor reflectance of 20

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