



WALL MOUNT

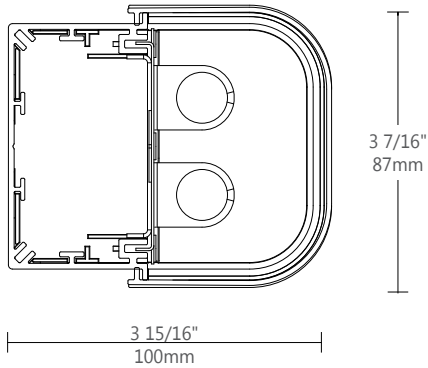


Project _____

Type _____

Notes _____

END VIEW



ORDERING GUIDE

PRODUCT ID	S	OPTICS	LENGTH/FT	LAMP	LAMP CONFIGURATION	FINISH	VOLTAGE
ARW AIR Wall	S satin lens		3 3'	T5 T5	1 1 lamp	AP aluminum paint	120 120V
ARWBT AIR Wall with bent tube			4 4'	T5HO T5HO	2 2 lamps	W white	277 277V
			6 6'	T8 T8		BLK Black	347 347V ⁽¹⁾
			8 8'			C custom	UNV universal
			12 12'				
			S# System Run				

(1) Consult factory

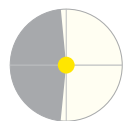
BALLAST	CIRCUITS	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)
D dimming	1 1 regular	B# battery pack 4' sections	F fuse	DS# daylight sensor
E instant start ⁽²⁾	2 2 regular			OS# occupancy sensor
ERS program start	2A/B 2 alternating			DOS# daylight&occupancy sensor
BI bi-level dimming	+E(#) emergency section ⁽³⁾			
	+NL(#) night light section ⁽³⁾			
	+GTD(#) generator transfer device ⁽³⁾			

(2) Available with T8 lamp only (3) Specify quantity

Requires 120V or 277V Please consult factory Requires 120V or 277V Please consult factory Requires 8" blank. Specify quantity See integrated controls guide for further details

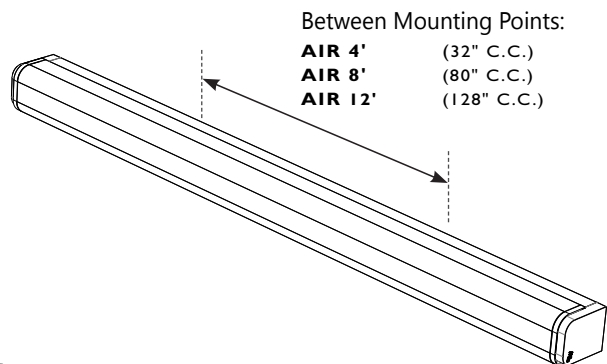
CUSTOM (OPTIONAL)
C custom
Please specify

● LIGHT DISTRIBUTION

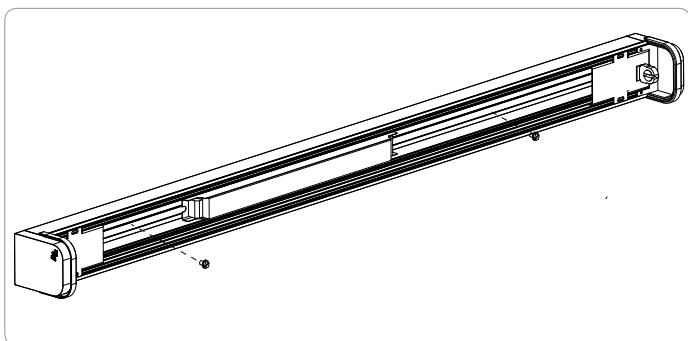


direct/indirect

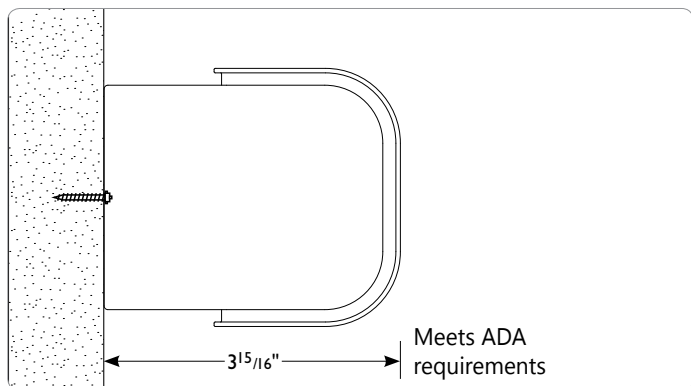
● MOUNTING SPACING



● MOUNTING OPTIONS



MOUNTING POINT



MOUNTING DETAIL

i AIR can be mounted vertically or horizontally on the wall

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

● SYSTEMS (S#)

Runs of AIR that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the AIR installation sheets available for download at www.axislighting.com

● OTHER MOUNTING OPTIONS

AIR is also available in pendant and surface mounted options.

i Specification sheets for all mounting options are available for download at www.axislighting.com

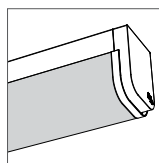
● CONSTRUCTION

Housing	Extruded aluminium (0.070" nominal)
End Cap	Die cast zinc (0.080" nominal)
Joiners	Die cast zinc (0.065" nominal)
Interior Brackets	Die formed Sheet Steel (18 gauge)
Reflectors	Die formed Sheet Steel (22 gauge)
Lens joiners	Die cast zinc (0.125" nominal)
Satin lens	Acrylic satin finish (0.060" nominal)

● WEIGHT

	WEIGHT
AIR 4 ft	9.5 lbs / 4.3 Kg
AIR 8 ft	19 lbs / 8.6 Kg
AIR 12 ft	28.5 lbs / 12.9 Kg

● OPTICAL SYSTEM



S satin lens

PMMA satin finish (0.060" nominal)

With efficiencies exceeding 80%, Air delivers softly diffused and ample illumination with a Satin lens which provides maximum glare reduction and light uniformity.

● 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
Meets ADA requirements.
Suitable for damp locations.





WALL MOUNT

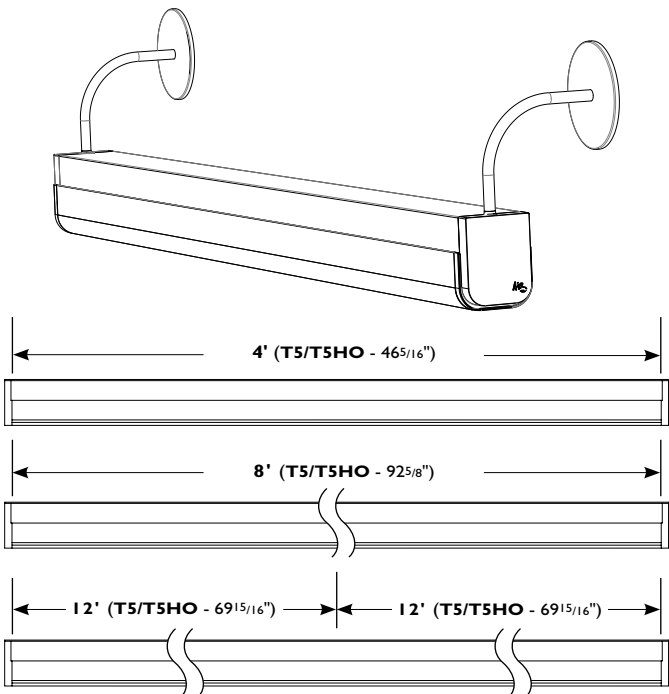
● LIGHT DISTRIBUTION



direct

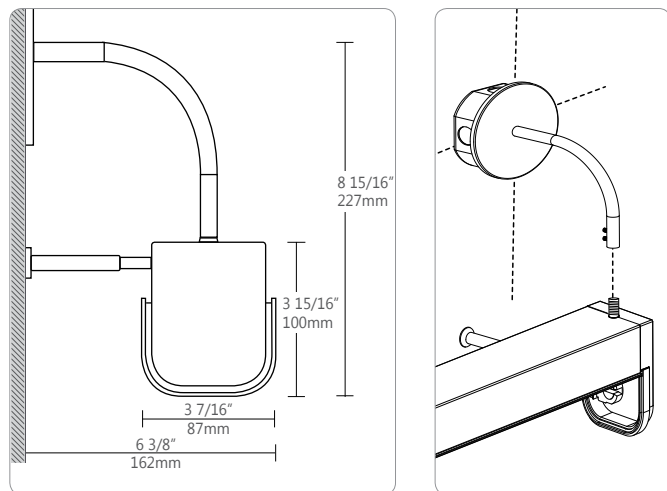
● MOUNTING SPACING

Between Mounting Points:



i Row configuration and mounting spacing file is available for download at: www.axislighting.com

● MOUNTING OPTIONS



MOUNTING BRACKET

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

● SYSTEMS (S#)

Runs of AIR that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the AIR installation sheets available for download at www.axislighting.com

● OTHER MOUNTING OPTIONS

AIR is also available in pendant and surface mounted options.

i Specification sheets for all mounting options are available for download at www.axislighting.com

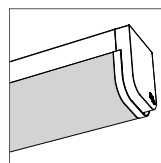
● CONSTRUCTION

- Housing** Extruded aluminium (0.070" nominal)
70% recycled content
- End Cap** Die cast zinc (0.080" nominal)
- Joiners** Die cast zinc (0.065" nominal)
- Interior Brackets** Die formed Sheet Steel (18 gauge)
- Reflectors** Die formed Sheet Steel (22 gauge)
- Lens joiners** Die cast zinc (0.125" nominal)

● WEIGHT

	WEIGHT
AIR 4 ft	9.5 lbs / 4.3 Kg
AIR 8 ft	19 lbs / 8.6 Kg
AIR 12 ft	28.5 lbs / 12.9 Kg

● OPTICAL SYSTEM



S satin lens

PMMA satin finish (0.060" nominal)

With efficiencies exceeding 80%, Air delivers softly diffused and ample illumination with a Satin lens which provides maximum glare reduction and light uniformity.

● FINISH

White PC, Aluminum PC, Custom

● ELECTRICAL

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

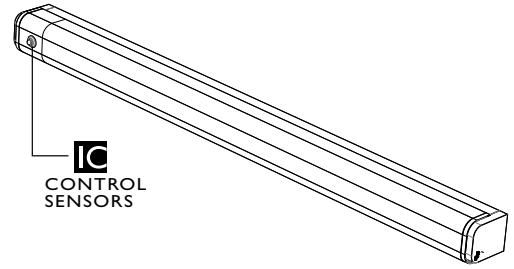
● APPROVALS

Certified to UL and CUL standards US

● INTEGRATED CONTROL OPTIONS

AIR 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.

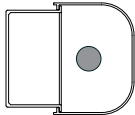
- Consult factory for other options.
- Refer to IC brochure for more information.



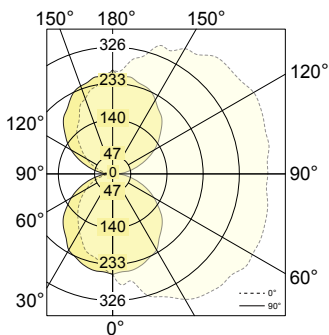
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed 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: ARW-S-4-T5-1
Efficiency: 83.4 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	259	259	259	259	259	
5	287	285	277	276	253	14
15	319	312	290	273	249	61
25	350	343	312	271	233	107
35	387	365	320	264	207	144
45	401	384	327	250	180	170
55	417	385	322	226	142	182
65	416	388	310	197	103	181
75	411	379	287	168	62	167
85	397	368	272	143	27	147
90	399	360	267	132	18	
95	399	370	274	140	27	139
105	408	378	290	167	61	158
115	418	388	310	200	102	175
125	409	387	319	227	143	183
135	405	381	329	250	179	178
145	376	367	325	261	204	159
155	350	339	312	270	234	127
165	315	310	293	270	245	85
175	268	268	264	263	251	37
180	267	267	267	267	267	

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	82	82	82	82	70	70	70	
1	79	75	71	65	73	69	65	60	57	55	51	
2	71	64	58	51	65	59	53	47	49	45	40	
3	64	55	48	41	59	51	45	38	43	38	32	
4	59	49	41	33	54	45	38	31	37	32	27	
5	54	43	36	28	49	40	33	26	33	28	22	
6	49	38	31	24	45	35	29	22	30	24	19	
7	45	34	27	20	41	32	25	19	27	22	16	
8	42	31	24	18	38	29	23	17	24	19	14	
9	39	28	22	15	36	26	20	14	22	17	13	
10	36	26	20	14	33	24	18	13	20	16	11	

Based on floor reflectance of 20

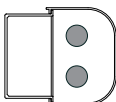
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	2479	2272	1945	925	775
55	2651	2349	1835	727	597
65	2810	2471	1721	534	425
75	3052	2598	1537	320	252
85	3402	2958	1377	117	99

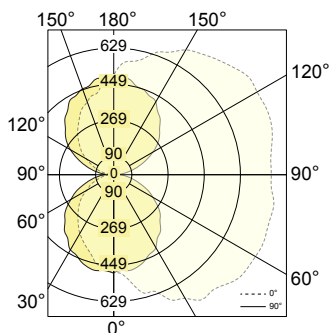
i All IES files are available for download at: www.axislighting.com

PHOTOMETRIC DATA

2 T5



PHOTOMETRIC CURVE



Test Lamp: 2xT5

IES FILE: ARW-S-4-T5-2

Efficiency: 78.8 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	474	474	474	474	474	
5	481	500	486	487	465	25
15	593	577	539	506	463	113
25	668	624	579	494	424	196
35	740	693	605	488	377	269
45	756	736	621	467	324	320
55	793	737	619	427	266	345
65	800	749	595	380	193	343
75	791	741	559	329	116	321
85	770	714	530	276	53	285
90	766	704	518	258	35	
95	766	706	534	274	52	270
105	798	727	569	320	116	304
115	806	746	595	376	191	335
125	808	738	617	426	268	349
135	762	730	621	470	322	336
145	717	706	603	494	377	296
155	650	631	584	499	419	235
165	578	562	540	493	441	156
175	537	523	500	495	466	68
180	467	467	467	467	467	

COEFFICIENTS OF UTILIZATION (%)

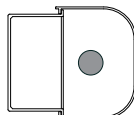
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	84	84	84	84	78	78	78	78	66	66	66	
1	75	70	66	61	69	65	61	57	54	52	48	
2	67	60	54	48	61	55	50	44	46	42	38	
3	61	52	46	38	55	48	42	35	40	36	30	
4	55	46	39	31	50	42	36	29	35	30	25	
5	51	40	33	26	46	37	31	24	31	26	21	
6	46	36	29	22	42	33	27	21	28	23	18	
7	43	32	26	19	39	30	24	18	25	20	15	
8	40	29	23	16	36	27	21	15	23	18	13	
9	37	27	20	14	34	25	19	14	21	16	12	
10	34	24	18	13	31	22	17	12	19	15	10	

Based on floor reflectance of 20

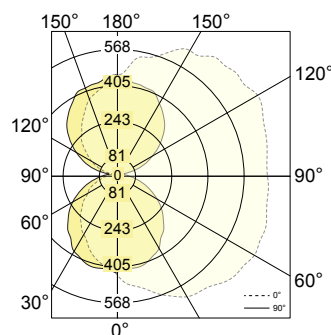
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	4675	4310	3498	1732	1431
55	5039	4524	3439	1335	1093
65	5396	4739	3241	979	789
75	5879	5067	2889	576	447
85	6592	5771	2740	217	176

1 T5HO



PHOTOMETRIC CURVE



Test Lamp: 1xT5HO

IES FILE: ARW-S-4-T5HO-1

Efficiency: 83.4 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	445	445	445	445	445	
5	492	462	461	459	430	24
15	538	529	491	469	431	106
25	607	586	541	479	404	185
35	651	636	557	458	354	249
45	689	658	569	420	305	293
55	711	678	557	394	245	316
65	717	669	533	340	174	313
75	704	652	505	289	106	287
85	692	627	472	242	47	253
90	683	625	459	231	30	
95	684	637	477	242	45	240
105	701	657	499	289	110	272
115	727	663	537	340	176	302
125	706	676	559	400	246	317
135	694	659	565	426	312	308
145	651	628	560	455	361	274
155	614	598	541	468	409	219
165	545	536	492	467	418	146
175	464	475	468	446	440	64
180	447	447	447	447	447	

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	83	83	83	83	70	70	70	
1	79	75	71	65	73	69	65	60	58	55	51	
2	71	64	58	51	65	59	53	47	49	45	40	
3	65	55	49	41	59	51	45	38	43	38	32	
4	59	49	41	33	54	45	38	31	37	32	27	
5	54	43	36	28	49	40	33	26	33	28	22	
6	49	38	31	24	45	35	29	22	30	24	19	
7	45	34	27	20	41	32	25	19	27	22	16	
8	42	31	24	18	38	29	23	17	24	19	14	
9	39	28	22	15	36	26	20	14	22	17	13	
10	36	26	20	14	33	24	18	13	20	16	11	

Based on floor reflectance of 20

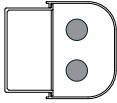
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	4263	3948	3287	1610	1330
55	4519	4066	3175	1291	977
65	4836	4244	2925	912	734
75	5238	4574	2637	545	422
85	5924	5141	2432	190	173

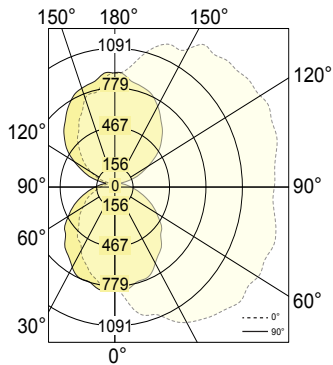
i All IES files are available for download at: www.axislighting.com

PHOTOMETRIC DATA

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2xF54T5HO
IES FILE: ARW-S-4-T5HO-2

Efficiency: 78.8 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	780	780	780	780	780	
5	840	880	839	845	812	44
15	1032	985	927	878	768	195
25	1143	1095	1018	872	745	340
35	1255	1197	1052	843	652	463
45	1332	1257	1075	813	551	551
55	1352	1292	1062	723	454	594
65	1371	1269	1031	652	329	593
75	1381	1263	989	555	198	553
85	1315	1221	921	474	91	491
90	1325	1207	905	448	60	
95	1329	1234	923	464	90	467
105	1387	1256	967	559	204	524
115	1402	1289	1034	656	326	577
125	1358	1295	1061	735	468	602
135	1313	1254	1062	802	571	578
145	1278	1199	1043	851	661	512
155	1147	1106	995	866	743	404
165	1016	985	946	850	772	270
175	838	912	874	816	833	117
180	830	830	830	830	830	

COEFFICIENTS OF UTILIZATION (%)

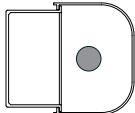
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	85	85	85	85	78	78	78	78	66	66	66	
1	75	71	67	61	69	65	61	57	54	52	48	
2	67	60	55	48	62	55	50	44	46	42	38	
3	61	52	46	38	56	48	42	36	40	36	30	
4	55	46	39	31	51	42	36	29	35	30	25	
5	51	41	34	26	46	37	31	24	31	26	21	
6	46	36	29	22	42	33	27	21	28	23	18	
7	43	32	26	19	39	30	24	18	25	20	15	
8	40	29	23	17	36	27	21	15	23	18	13	
9	37	27	20	14	34	25	19	14	21	16	12	
10	34	24	18	13	31	23	17	12	19	15	10	

Based on floor reflectance of 20

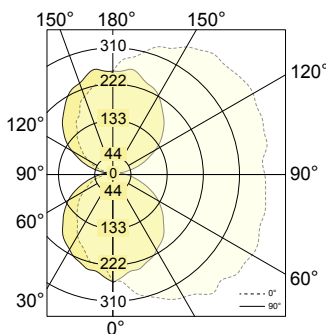
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	8237	7462	5948	2972	2438
55	8594	7757	5870	2341	1869
65	9253	8212	5523	1676	1373
75	10271	8964	4935	994	789
85	11266	10021	4703	385	283

1 T8



PHOTOMETRIC CURVE



Test Lamp: 1xF03231
IES FILE: ARW-S-4-T8-1

Efficiency: 81.0 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	269	269	269	269	269	
5	271	278	274	264	258	14
15	315	301	288	266	246	61
25	345	333	304	259	229	105
35	365	357	311	260	207	142
45	376	369	318	244	176	167
55	393	373	307	218	142	178
65	396	368	296	191	103	176
75	387	357	276	159	60	159
85	378	341	257	133	27	140
90	374	336	249	126	17	
95	370	341	253	134	26	130
105	386	356	277	162	62	151
115	391	366	300	194	101	169
125	395	376	311	221	144	180
135	383	368	320	244	177	174
145	371	357	316	259	207	156
155	339	332	307	274	232	125
165	311	303	294	265	251	84
175	281	272	259	267	253	37
180	252	252	252	252	252	

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	80	80	80	80	68	68	68	
1	77	73	69	63	71	67	63	59	56	53	50	
2	69	62	56	49	63	57	52	46	48	44	39	
3	63	54	47	40	57	50	44	37	41	37	31	
4	57	47	40	33	52	44	37	30	36	32	26	
5	52	42	35	27	48	39	32	25	32	27	22	
6	48	37	30	23	44	34	28	22	29	24	19	
7	44	34	27	20	40	31	25	19	26	21	16	
8	41	30	24	17	37	28	22	16	24	19	14	
9	38	28	21	15	35	26	20	14	22	17	12	
10	35	25	19	13	33	23	18	13	20	15	11	

Based on floor reflectance of 20

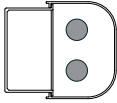
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	2244	2134	1836	897	746
55	2415	2168	1785	707	591
65	2581	2283	1681	504	416
75	2779	2418	1466	310	225
85	3125	2712	1359	106	84

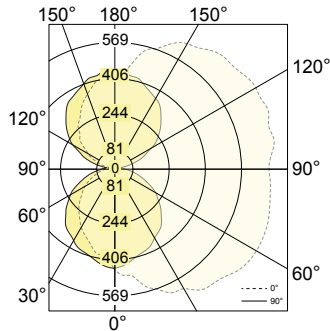
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

2 T8



PHOTOMETRIC CURVE



Test Lamp: 2xFO3231

IES FILE: ARW-S-4-T8-2

Efficiency: 71.7 %

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	23	45	68	90	
0	445	445	445	445	445	
5	477	459	467	439	437	23
15	542	522	494	453	404	102
25	610	589	520	451	383	179
35	660	631	556	446	347	245
45	686	650	560	422	299	290
55	726	678	555	392	240	314
65	730	673	543	347	175	315
75	715	663	516	296	108	293
85	696	629	475	250	47	257
90	688	635	468	236	31	
95	702	641	481	250	45	244
105	711	658	512	291	104	276
115	721	670	542	343	167	305
125	710	686	566	385	241	319
135	692	657	562	414	297	305
145	649	629	556	439	350	270
155	606	580	526	452	376	213
165	537	502	487	449	411	141
175	418	471	466	427	431	61
180	409	409	409	409	409	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	77	77	77	77	71	71	71	71	60	60	60
0	68	64	60	56	62	59	56	52	49	47	44
1	61	55	50	43	56	50	46	40	42	39	34
2	55	47	41	35	50	44	38	32	36	32	27
3	50	42	35	28	46	38	33	26	32	28	23
4	46	37	30	24	42	34	28	22	28	24	19
5	42	33	26	20	38	30	25	19	25	21	16
6	39	29	23	17	35	27	22	16	23	18	14
7	36	27	21	15	33	25	19	14	21	16	12
8	33	24	18	13	31	22	17	12	19	15	11
9	31	22	17	12	29	20	16	11	17	13	9
10											

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles				
	0	45	90	135	180
45	4097	3755	3120	1537	1259
55	4460	3922	3003	1165	985
65	4758	4184	2840	880	693
75	5133	4523	2606	535	435
85	5763	5004	2388	202	170

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