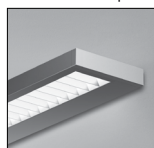
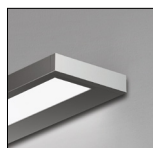




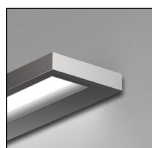
Shown with VL optic



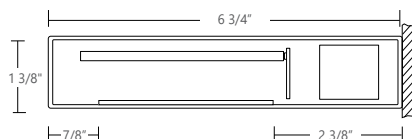
Shown with louver



Shown with SM lens



Shown regressed



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

DISTRIBUTION	NOMINAL LUMEN OUTPUT		INPUT WATTS FOR 4 FT	EFFICACY
	UP	DOWN		
75up/25down at 1000 lm/ft	750 lm/ft	250 lm/ft	51 W	79 lm/W
75up/25down at 800 lm/ft	600 lm/ft	200 lm/ft	41 W	79 lm/W

REFER TO PHOTOMETRIC DATA SECTION FOR EXACT VALUES



Ordering Guide

SLWLED		SL 75/25		NOMINAL LUMENS/FT		CRI		COLOR TEMPERATURE (choose one)	
PRODUCT ID		LIGHT ENGINE							
SLWLED	Wall LED	SL 75/25	surroundlite 75%up/25%down	600	600 lm/ft	80	80 CRI	30	3000 K
				800	800 lm/ft	90	90 CRI	35	3500 K
				1000	1000 lm/ft			40	4000 K
								B30	3000 K - Bios*
								B35	3500 K - Bios*
								B40	4000 K - Bios*
				Applies to both UP & DOWN. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS and 90 CRI; Consult factory for max output with 90 CRI		Applies to both UP & DOWN. *Not available with BIOS and nominal output above 900 lm/ft;		Applies to both UP & DOWN. Consult Axitune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology	

SHIELDING		FIXTURE LENGTH (FT)		FINISH		VOLTAGE		DRIVER	
VL	VL optic	4	4'	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%
PL	flat-blade louvers	8	8'	W	white	277	277 V	LT(#)	Lutron*
SM	smooth lens*	12	12' *	BLK	black	347	347 V *	BI	bi-level dimming
RE	regressed	S(L)	system run	C	custom	UNV	universal	O(#)	other**
						DC	low voltage**	DPB(#)	dimming (0-10V) 1% with Bios*
								TW(#)	tunable white drivers*
								POE(#)	POE drivers*
* Default lens for Color Tuning, Tunable white and BIOS. Consult factory for other lens.		*With 4ft shielding only				Applies to both UP & DOWN. * Consult factory ** Only available with POE drivers.		Applies to both UP & DOWN. *See page 4 to specify system **Please consult factory; see page 4	

CIRCUITS		BATTERY		OTHER (OPT.)		IC CONTROLS		CUSTOM (OPT.)	
1	1 circuit*	B(#)	battery pack	F	fuse	DS(#)	daylight sensor	C	custom
2	2 circuits					OS(#)	occupancy sensor		
2A/B	2 circuit alternating/4ft					DOS(#)	daylight & occupancy sensor		
+E(#)	emergency section					EN(#)	Enlighted integral		
+NL(#)	night light section					ENR(#)	Enlighted remote		
+GTD(#)	generator transfer device					WC(#)	wireless control dimming		
*Control UP & DOWN lights together		Not available with 347V Please consult factory		Requires 120V or 277V		Applies to both UP & DOWN. Specify quantity. Requires 8" blank. See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.		Please specify	



● SURROUNDLITE TECHNOLOGY

SLIM with SurroundLite provides the flexibility of high efficacy spherical three dimensional wide batwing distributions and shielding options that all result in true lighting effectiveness. SLIM is only 1.375" depth with integral driver and a light guide with proper cutoff and no view of bugs or dust particles.

An innovative technology to get much more out of LEDs: Axis SurroundLite is based on the fundamental physics of how light interacts with matter. The specially engineered lightguide is made of precisely coded and aligned molecules that shape LED output in all three dimensions.

With SurroundLite extra-wide, multidimensional light distribution, light is directed in all three planes and sent in every corner of the room. SurroundLite brings the promise of balanced brightness, facilitating lighting design.

● SURROUNDLITE BENEFITS



Glare Mitigation

Regressed lens, VL Optic, louvers and lenses yield lower luminance on the luminaire's light-emitting area.

Reduced 'Cave Effect', Increased Perceived Brightness

Wide 3D batwing uplight distribution lights up corners.
Lighting at seam between ceiling and wall.
3D light distribution from luminaire extremities lights up adjacent spaces and vertical planes.

Use of Fewer Luminaires

The 3D nature of light distribution is well suited to shorter run lengths and reducing the need for continuous rows.

Better Facial Modeling / Facial Recognition

Reflected light from illuminated surfaces within the space results in soft fill light on the vertical plane.

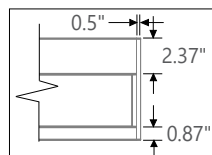
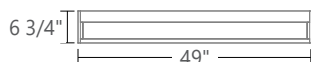
No Streaks or Hot Spots of Light

Axis SurroundLite technology spreads out light uniformly versus Lambertian distributions that put an intensity of light directly above and below the luminaire.



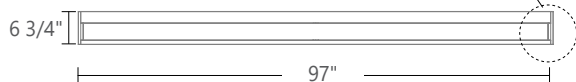
● LENGTHS

SLIM SurroundLite 4ft (4)

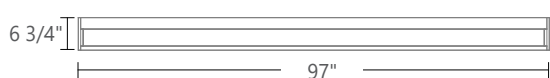


Joining detail for all system run

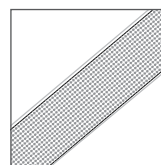
SLIM SurroundLite 8ft Continuous (with 8' shielding)



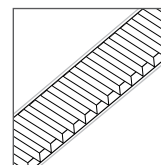
SLIM SurroundLite 8ft Continuous (with 8' shielding)



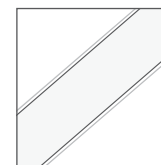
● OPTICS



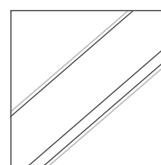
VL VL optic



PL flat blade louvers



SM smooth lens

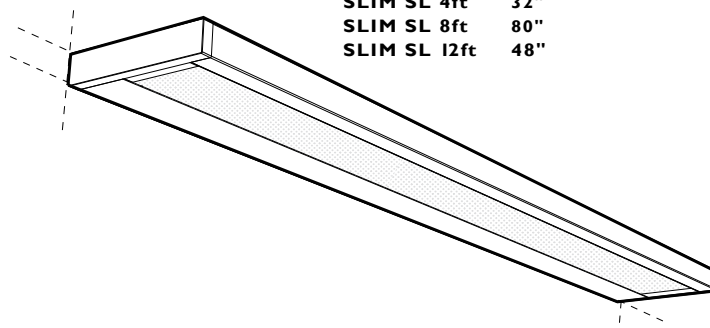


RE regressed

● MOUNTING SPACING

Distance Between Mounting Points:

SLIM SL 4ft	32"
SLIM SL 8ft	80"
SLIM SL 12ft	48"



● SYSTEMS (S#)

Runs of SLIM SurroundLite that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination 4ft and/or 8ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SLIM SurroundLite installation sheets available at: www.axislighting.com under 'Downloads' tab.

● WEIGHT

SLIM SL 4 ft	8 lbs / 3.6 kg
SLIM SL 8 ft	16 lbs / 7.3 kg
SLIM SL 12 ft	24 lbs / 10.9 kg

● OTHER MOUNTING OPTIONS

SLIM SurroundLite is also available as a pendant mount.

- i** Specification sheets for pendant mount SLIM luminaires are available at www.axislighting.com

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



● CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal)
End Cap	Die cast aluminum (0.10" nominal)
Joiners	Die cast aluminum (0.10" nominal)
Interior Bracket	Die formed zintec (22 gauge)
Top Covers	Cold rolled sheet steel painted (24 gauge)
VL^{opti}™	PMMA Precision formed microconical structure; 92 percent transmission that cuts off glare above 55 degrees
Smooth Lens	Uniform frosted acrylic lens
Flat blade louvers	Semispecular aluminum material (electronically anodized) for added visual comfort

● ELECTRICAL

Lutron driver*	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black LTEA - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™ enabled 100% to 50%, light output dimming from 49% to 1%.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) LTTW - Lutron T-Series Tunable White
Power over Ethernet POE drivers*	MOLEX IGOR UL2108 certified for integral or remote driver
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.

*Choose driver from available options.

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

● FINISH

Aluminum paint, powder coated and custom finishes are also available.

● APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.



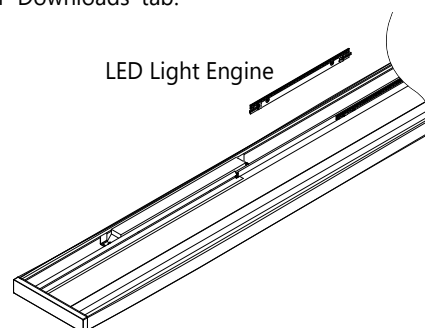
● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	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.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™
	Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated in operating ambient temperatures of 0-40°C (32-104°F).

● LED UPGRADE / REPLACEMENT

All LED light engines used are field replaceable and upgradable to ensure the lighting system will last for years. Future-proof design comes with easy access to LED light engines from above using quick connectors (included in luminaire) and a screwdriver.

i For more information on LED light engine upgrade and replacement, please refer to the SLIM LED Light Engine Replacement sheet available at: www.axislighting.com under 'Downloads' tab.



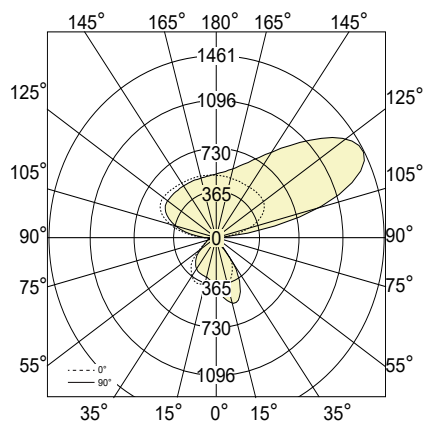


● PHOTOMETRIC DATA

VL LENS (VL)

SLWLED-B3-SL-75/25-1000-80-35-VL-4-4
75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 753 lm/ft
Lumen/ft down: 251 lm/ft
Total lumens: 4014 lm (for 4ft)
Input Watts: 51 W
Efficacy: 79 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-1000-80-35-VL-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	201	201	201	201	201
5	222	221	215	209	203
15	301	294	271	244	226
25	464	440	381	315	274
35	711	657	549	436	355
45	436	436	420	373	320
55	169	165	161	150	124
65	72	68	68	70	62
75	34	32	34	37	34
85	6	10	12	11	12
90	0	0	0	0	0
95	211	187	153	121	110
105	1062	891	612	422	336
115	1348	1155	829	593	476
125	1183	1039	795	605	505
135	875	796	660	542	476
145	648	611	543	480	443
155	519	502	471	440	422
165	445	439	427	415	409
175	407	405	401	399	398
180	396	396	396	396	396

ZONAL LUMENS

Zone	Lumens
0	
0-10	20
10-20	69
20-30	147
30-40	268
40-50	256
50-60	128
60-70	68
70-80	37
80-90	11
90	
90-100	147
100-110	507
110-120	653
120-130	588
130-140	443
140-150	310
150-160	206
160-170	118
170-180	38
180	

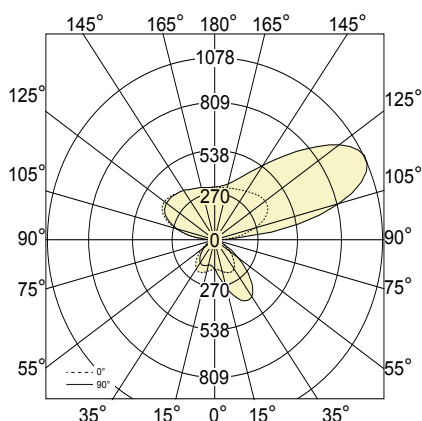
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5833	5619	4281
55	2787	2655	2045
65	1612	1522	1388
75	1243	1243	1243
85	651	1302	1302

VL LENS (VL)

SLWLED-B3-SL-75/25-800-80-35-VL-4-4
75% up / 25% down at 800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 602 lm/ft
Lumen/ft down: 201 lm/ft
Total lumens: 3208 lm (for 4ft)
Input Watts: 41 W
Efficacy: 79 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-800-80-35-VL-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	161	161	161	161	161
5	178	177	172	167	162
15	241	235	217	195	181
25	371	352	305	252	219
35	569	526	439	349	284
45	349	349	336	298	256
55	135	132	129	120	99
65	58	54	54	56	50
75	27	26	27	30	27
85	5	8	10	9	10
90	0	0	0	0	0
95	169	150	122	97	88
105	850	713	490	338	269
115	1078	924	663	474	381
125	946	831	636	484	404
135	700	637	528	434	381
145	518	489	434	384	354
155	415	402	377	352	338
165	356	351	342	332	327
175	326	324	321	319	318
180	317	317	317	317	317

ZONAL LUMENS

Zone	Lumens
0	
0-10	16
10-20	55
20-30	118
30-40	214
40-50	205
50-60	102
60-70	54
70-80	30
80-90	9
90	
90-100	118
100-110	405
110-120	522
120-130	471
130-140	355
140-150	248
150-160	164
160-170	95
170-180	31
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4666	4495	3425
55	2230	2124	1636
65	1289	1218	1110
75	994	994	994
85	521	1042	1042

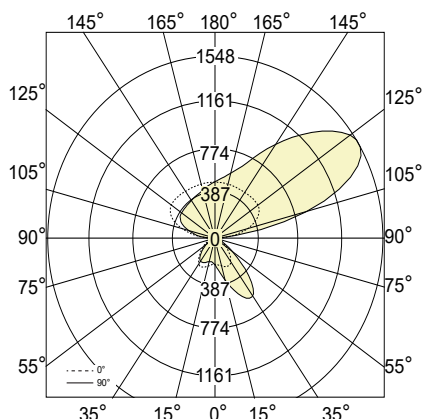


● PHOTOMETRIC DATA

FLAT-BLADE LOUVER (PL)

SLWLED-B3-SL-75/25-1000-80-35-PL-4-4
75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 728 lm/ft
Lumen/ft down: 243 lm/ft
Total lumens: 3880 lm (for 4ft)
Input Watts: 51 W
Efficacy: 76 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-1000-80-35-PL-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	136	136	136	136	136
5	143	143	141	138	137
15	185	180	166	152	145
25	274	256	217	181	163
35	405	363	294	228	191
45	540	471	373	279	222
55	647	532	402	297	226
65	552	423	309	228	172
75	84	86	102	94	73
85	1	1	3	8	7
90	0	0	0	0	0
95	166	172	148	122	111
105	1044	874	596	408	322
115	1330	1128	795	556	439
125	1147	996	741	546	443
135	817	734	587	465	397
145	574	536	464	395	358
155	440	423	388	356	339
165	369	363	350	339	333
175	340	338	335	332	331
180	332	332	332	332	332

ZONAL LUMENS

Zone	Lumens
0	
0-10	14
10-20	47
20-30	98
30-40	169
40-50	237
50-60	276
60-70	229
70-80	78
80-90	6
90	
90-100	147
100-110	493
110-120	618
120-130	536
130-140	383
140-150	257
150-160	168
160-170	97
170-180	32
180	

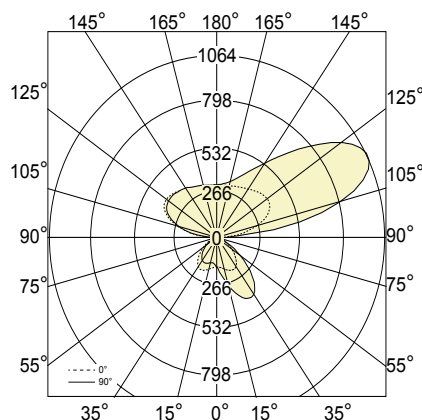
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7880	5443	3240
55	11639	7232	4066
65	13477	7544	4199
75	3349	4066	2910
85	118	355	829

FLAT-BLADE LOUVER (PL)

SLWLED-B3-SL-75/25-800-80-35-PL-4-4
75% up / 25% down at 800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 602 lm/ft
Lumen/ft down: 201 lm/ft
Total lumens: 3208 lm (for 4ft)
Input Watts: 41 W
Efficacy: 79 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-800-80-35-PL-4-4-W-120-D-1.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	109	109	109	109	109
5	114	114	113	110	110
15	148	144	133	122	116
25	219	205	174	145	130
35	324	290	235	182	153
45	432	377	298	223	178
55	518	426	322	238	181
65	442	338	247	182	138
75	67	69	82	75	58
85	1	1	2	6	6
90	0	0	0	0	0
95	133	138	118	98	89
105	835	699	477	326	258
115	1064	902	636	445	351
125	918	797	593	437	354
135	654	587	470	372	318
145	459	429	371	316	286
155	352	338	310	285	271
165	295	290	280	271	266
175	272	270	268	266	265
180	266	266	266	266	266

ZONAL LUMENS

Zone	Lumens
0	
0-10	11
10-20	38
20-30	78
30-40	135
40-50	190
50-60	221
60-70	183
70-80	62
80-90	4
90	
90-100	117
100-110	394
110-120	494
120-130	429
130-140	307
140-150	206
150-160	134
160-170	77
170-180	25
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	6304	4354	2592
55	9311	5785	3253
65	10782	6035	3360
75	2679	3253	2328
85	95	284	663

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

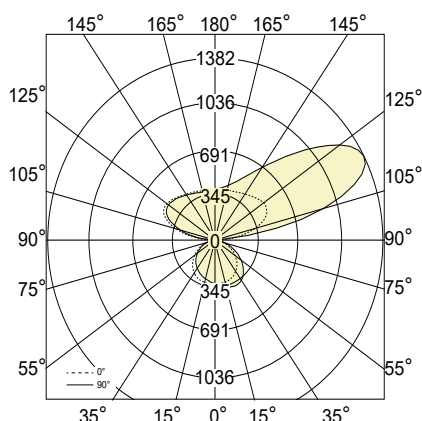


● PHOTOMETRIC DATA

SMOOTH LENS (SM)

SLWLED-B3-SL-75/25-1000-80-35-SM-4-4
75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 747 lm/ft
Lumen/ft down: 249 lm/ft
Total lumens: 3982 lm (for 4ft)
Input Watts: 51 W
Efficacy: 78 lm/W

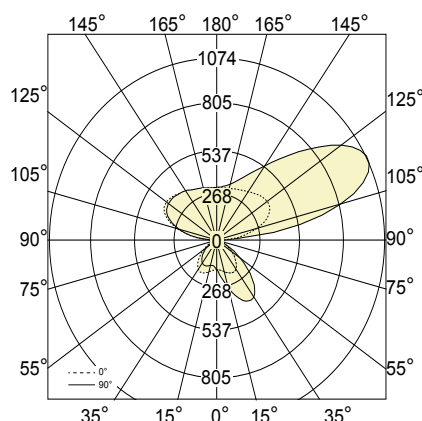
CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-1000-80-35-SM-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

SMOOTH LENS (SM)

SLWLED-B3-SL-75/25-800-80-35-SM-4-4
75% up / 25% down at 800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 602 lm/ft
Lumen/ft down: 201 lm/ft
Total lumens: 3208 lm (for 4ft)
Input Watts: 41 W
Efficacy: 79 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-B3-SL-75-25-800-80-35-SM-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	314	314	314	314	314
5	329	328	324	318	313
15	353	350	339	324	309
25	363	356	341	317	297
35	343	336	320	295	272
45	300	292	275	253	232
55	238	231	216	199	183
65	164	159	150	137	125
75	86	84	80	72	65
85	17	17	16	14	11
90	0	0	0	0	0
95	213	192	155	122	110
105	1060	889	610	419	334
115	1342	1147	820	584	470
125	1174	1031	783	593	496
135	866	788	648	529	466
145	639	603	533	468	434
155	510	493	459	429	414
165	437	430	419	408	403
175	407	406	401	399	399
180	399	399	399	399	399

ZONAL LUMENS

Zone	Lumens
0	
0-10	30
10-20	89
20-30	140
30-40	175
40-50	186
50-60	169
60-70	129
70-80	73
80-90	16
90	
90-100	149
100-110	505
110-120	647
120-130	581
130-140	436
140-150	305
150-160	202
160-170	117
170-180	38
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4013	3679	3104
55	3925	3562	3018
65	3671	3358	2798
75	3143	2924	2376
85	1845	1737	1194

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	251	251	251	251	251
5	263	262	259	254	250
15	282	280	271	259	247
25	290	285	273	254	238
35	274	269	256	236	218
45	240	234	220	202	186
55	190	185	173	159	146
65	131	127	120	110	100
75	69	67	64	58	52
85	14	14	13	11	9
90	0	0	0	0	0
95	170	154	124	98	88
105	848	711	488	335	267
115	1074	918	656	467	376
125	939	825	626	474	397
135	693	630	518	423	373
145	511	482	426	374	347
155	408	394	367	343	331
165	350	344	335	326	322
175	326	325	321	319	319
180	319	319	319	319	319

ZONAL LUMENS

Zone	Lumens
0	
0-10	24
10-20	71
20-30	112
30-40	140
40-50	148
50-60	136
60-70	104
70-80	58
80-90	13
90	
90-100	119
100-110	404
110-120	517
120-130	465
130-140	349
140-150	244
150-160	162
160-170	93
170-180	31
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3211	2943	2483
55	3140	2850	2415
65	2937	2686	2238
75	2515	2339	1901
85	1476	1389	955

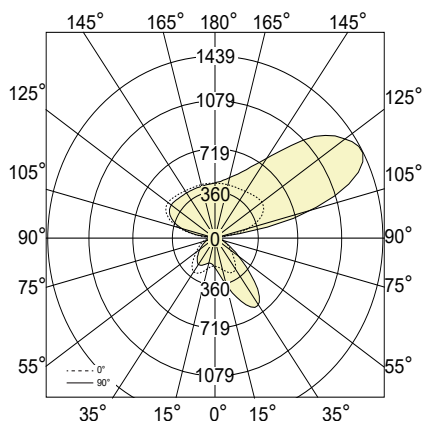


● PHOTOMETRIC DATA

REGRESSED (RE)

SLWLED-B3-SL-75/25-1000-80-35-RE-4-4

75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 747 lm/ft
Lumen/ft down: 249 lm/ft
Total lumens: 3982 lm (for 4ft)
Input Watts: 51 W
Efficacy: 78 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE: SLWLED-B3-SL-75-25-1000-80-35-RE-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	226	226	226	226	226
5	264	260	251	240	227
15	381	370	336	291	250
25	507	486	426	346	276
35	536	512	444	354	273
45	422	405	349	289	224
55	243	235	207	180	149
65	106	108	101	95	88
75	20	26	35	41	45
85	3	2	2	1	10
90	0	0	0	0	0
95	168	168	151	123	111
105	1068	902	624	431	337
115	1413	1214	869	614	483
125	1284	1129	855	634	519
135	967	876	712	570	495
145	702	661	577	501	459
155	542	523	486	450	433
165	452	446	432	422	417
175	416	414	411	410	409
180	409	409	409	409	409

ZONAL LUMENS

Zone	Lumens
0	
0-10	23
10-20	78
20-30	148
30-40	203
40-50	201
50-60	147
60-70	85
70-80	34
80-90	5
90	
90-100	148
100-110	505
110-120	660
120-130	609
130-140	466
140-150	328
150-160	214
160-170	121
170-180	39
180	

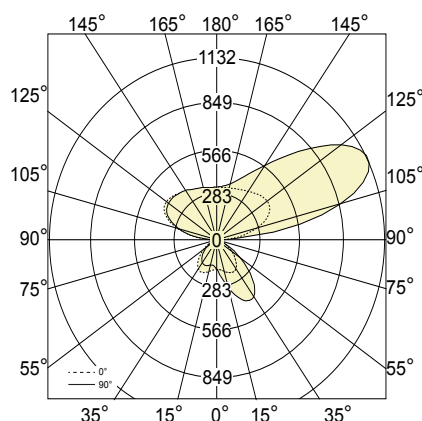
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5649	4675	2997
55	4008	3417	2457
65	2382	2256	1981
75	737	1269	1637
85	365	243	1094

REGRESSED (RE)

SLWLED-B3-SL-75/25-800-80-35-RE-4-4

75% up / 25% down at 800 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 602 lm/ft
Lumen/ft down: 201 lm/ft
Total lumens: 3208 lm (for 4ft)
Input Watts: 41 W
Efficacy: 79 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE: SLWLED-B3-SL-75-25-800-80-35-RE-4-4-W-120-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	181	181	181	181	181
5	211	208	200	192	182
15	304	295	269	233	200
25	405	388	340	277	220
35	429	409	354	283	218
45	337	324	279	231	179
55	194	188	166	144	119
65	85	86	81	76	71
75	16	21	28	33	36
85	3	2	2	1	8
90	0	0	0	0	0
95	134	134	121	98	89
105	854	720	499	345	269
115	1129	970	695	490	386
125	1026	902	683	507	414
135	772	700	569	456	396
145	561	528	461	400	367
155	433	418	388	360	346
165	362	356	345	337	333
175	332	331	328	328	327
180	327	327	327	327	327

ZONAL LUMENS

Zone	Lumens
0	
0-10	18
10-20	62
20-30	119
30-40	163
40-50	161
50-60	117
60-70	68
70-80	27
80-90	4
90	
90-100	118
100-110	403
110-120	528
120-130	486
130-140	373
140-150	262
150-160	171
160-170	97
170-180	31
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4514	3736	2395
55	3203	2731	1963
65	1903	1803	1583
75	589	1014	1308
85	291	194	874