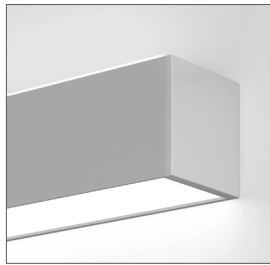
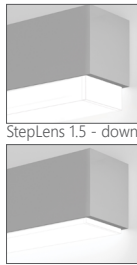


Beam 4

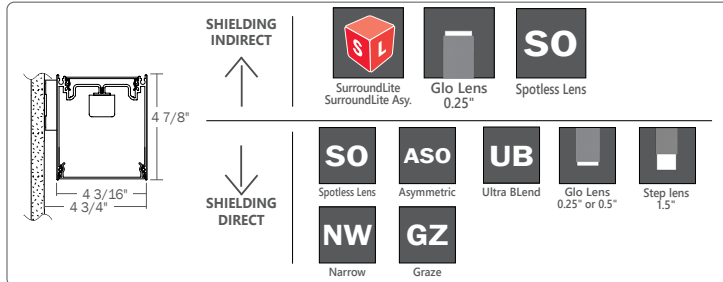
Wall mount - Direct / Indirect



Flush Spotless Lens - down
Glo Lens - up



StepLens 1.5 - down
SurroundLite Asy. up
Glo lens - down



Ordering Guide

PRODUCT ID	NOM. LUM/FT UP	NOM. LUM/FT DOWN	CRI	COLOR TEMP. (choose one)	SHIELDING INDIRECT
TB4WDILED					
TB4WDILED BEAM 4 - Wall Direct/Indirect LED	400 400 lm/ft - Min. 1200 1200 lm/ft - Max.	400 400 lm/ft - Min. 1000 1000 lm/ft - Max for GZ, NW, ASO.* 1200 1200 lm/ft - Max.	80 80 CRI 90 90 CRI*	27 2700 K 30 3000 K 35 3500 K 40 4000 K B30 3000 K - BIOS* B35 3500 K - BIOS* B40 4000 K - BIOS*	SO spotless lens SLA surroundlite asy. 0.25G 0.25" Glo lens
	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS	Outputs between listed min and max are available. * 1000 lm/ft max. only for GZ, NW, and ASO. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS	* Not available with BIOS.	Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology.	Choose only one of the options above

SHIELDING DIRECT	LENGTH (FT)	MR (OPTIONAL)	FINISH	VOLTAGE	DRIVER
SO spotless lens ASO asymmetric, flush only 0.25G 0.25" Glo lens 0.5G 0.5" Glo lens 1.5M StepLens, lum. end cap UB Ultra blend lens* NW narrow, flush only GZ graze, flush only	2 2' 3 3' 4 4' 5 5' 8 8' 12 12' S(L) System Run*	M16LED(#) MR16 LED lamp - Line voltage (by other)* M16LEDB(#) MR16 LED lamp - Dimmable (provided)**	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT(#) Lutron * BI bi-level dimming O(#) other ** DPB(STC) dimming (0-10V) 1% with BIOS* DPB(DYN) Bio-dimming™ 100%-81% with BIOS* TW(#) tunable white drivers* POE(#) POE drivers*
Choose only one of the options above; SurroundLite not available with direct * Default lens for Tunable white and BIOS. Consult factory for other lens.	* SurroundLite available in 1' increments	*Specify quantity; Available with 120V or 277V only; Line wattage only; Separate circuits included. **Consult factory; See page 3 for more details; Available with UNV, 120V or 277V only; MR16 constant current for 0-10V & DALI only. Available in 3000K or 4000K. Available in luminaires with Axitune and BIOS but downlight will not be tunable white or BIOS LEDs		* Only available with POE drivers.	* See page 2 to specify system ** Please consult factory; see page 2

CIRCUITS	BATTERY (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
1 1 circuit 2 2 circuits +E(#) emergency circuit* +NL(#) night light circuit* +GTD(#) generator transfer device* +M MR	B(#) battery pack (integral)	DS(#) daylight sensor OS(#) occupancy sensor DOS(#) daylight & occupancy sensor EN(#) Enlighted integral* ENR(#) Enlighted remote* WC(#) wireless control dimming	C custom
*Specify quantity	Minimum 5ft; Not available with 347V Please consult factory	*Please consult factory 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

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY	SHIELDING I/D
UPLIGHT	DOWNLIGHT		
1200 lm/ft	1200 lm/ft	18 W/ft	133 lm/W 0.25G/0.25G
1200 lm/ft	1200 lm/ft	18 W/ft	134 lm/W 0.25G/0.5G
1200 lm/ft	1200 lm/ft	17.7 W/ft	135 lm/W 0.25G/1.5M
1200 lm/ft	1200 lm/ft	18.1 W/ft	132 lm/W SO/SO
1200 lm/ft	1000 lm/ft	17.9 W/ft	126 lm/W SO/ASO
1200 lm/ft	1200 lm/ft	18.8 W/ft	127 lm/W SO/UB
1200 lm/ft	1000 lm/ft	19.2 W/ft	118 lm/W SLA/NW
1200 lm/ft	1000 lm/ft	18.9 W/ft	120 lm/W SLA/GZ

Please consult factory for custom lumen output and wattage.



CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
Reflectors	White powder coated sheet steel (22 gauge)
Lenses	Extruded acrylic (0.070" nominal)
Mounting	Sheet metal bracket with fixture-mounted clip

ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex 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™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*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.

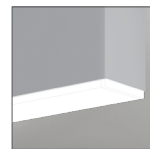
WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

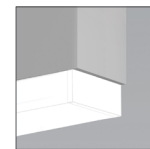
OPTICS



SO Spotless lens
UB Ultra Blend Lens



0.25G Glo lens
0.5G Glo lens



1.5M 1.5" StepLens

ULTRA BLEND LENS

Frosted acrylic snap-in micro lens suitable for Tunable White and BIOS applications.

SPOTLESS LENS

Frosted acrylic snap-in micro lens. Used for SO, ASO, NW, and GZ shielding options.

GLO LENS

0.25" or 0.5" frosted acrylic drop lens. Patented design.

STEPLENS

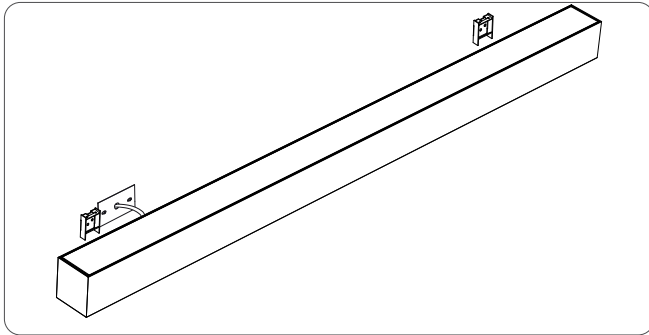
1.5" StepLens, illuminated end cap.

LED SYSTEM

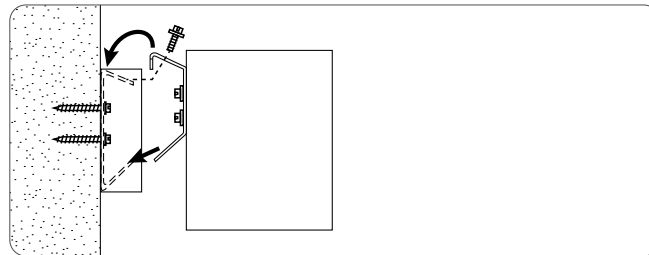
CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. 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 for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● MOUNTING OPTIONS

HORIZONTAL MOUNTING DETAILS



MOUNTING BRACKETS



SIDE VIEW

● OTHER MOUNTING OPTIONS

BEAM 4 is also available with pendant mounted option.

i Specification sheets and installation sheets for all mountings for BEAM 4 luminaires are available for download at www.axislighting.com

● FINISH

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

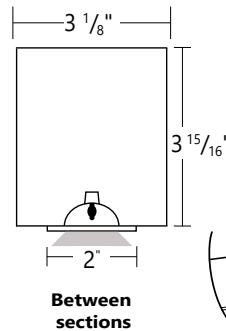
● APPROVALS

Certified to UL and CSA standards
Meets NYC requirements
Meets ADA requirements.
Suitable for damp locations.

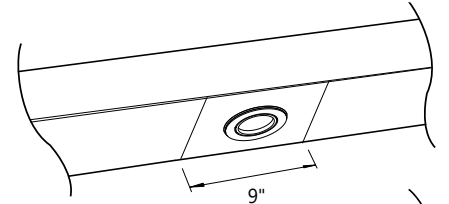


● MR16 LED LAMPS

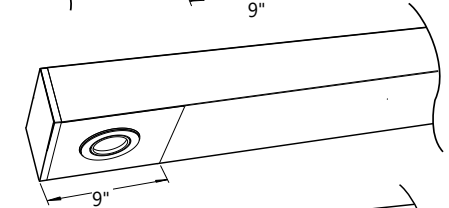
Blank	Extruded aluminum (0.075" nominal)
MR16 LED	Adjustable LED lamp (provided)
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V & DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 is placed centered on a blank section 9" in length. Within a given section length, a series of downlights will be spaced evenly on a longer blank section. Custom spacing available on special request.



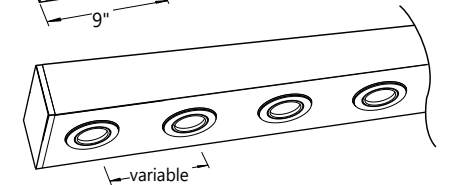
Between
sections



At luminaire
ends



Several in a
long blank
section

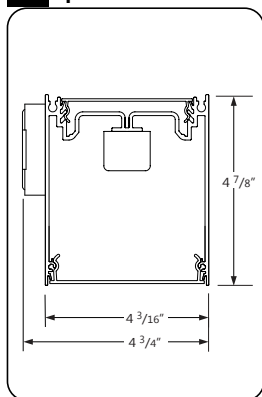


Base Type	GU 5.3
Beam Angle	40 nominal degrees
Input Watts	6W
Nominal Lumens	300 lumens
Efficacy	50 lumens per watt
Color Rendering Index (CRI)	85
Center Beam Candle Power (CBCP)	584 candelas
Life	25,000 hours at L ₇₀
Correlated color temperature (CCT)	3000K, 4000K
Adjustability	15° tilt

i More options are available upon request.
Please consult factory.

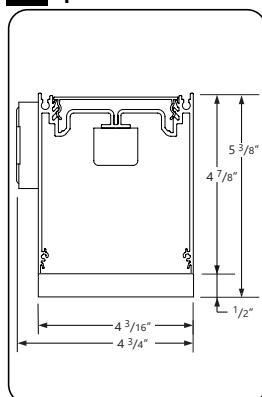
SECTION VIEWS

SO Spotless lens - Indirect



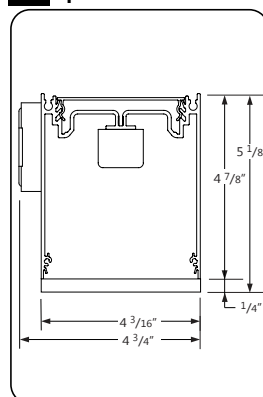
SO Spotless lens - Direct
NW Narrow lens - Direct
GZ Graze lens - Direct
ASO Asymm. lens - Direct
UB Ultra Blend lens - Direct

SO Spotless Lens - Indirect



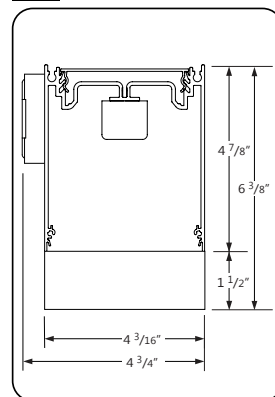
0.5G 0.5" Glo lens - Direct

SO Spotless Lens - Indirect



0.25G 0.25" Glo lens - Direct

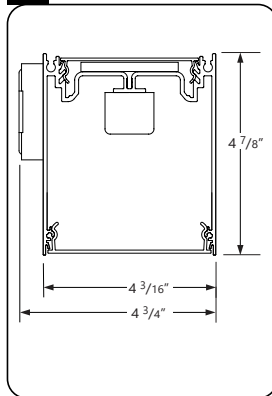
SO Spotless Lens - Indirect



1.5M StepLens - Direct

SLA SurroundLite Asymm. - Indirect

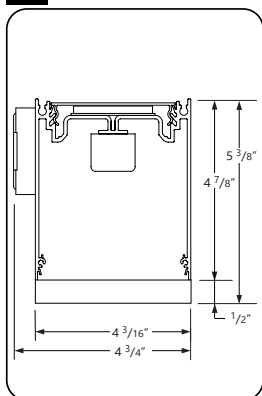
SL SurroundLite - Indirect



SO Spotless lens - Direct
NW Narrow lens - Direct
GZ Graze lens - Direct
ASO Asymm. lens - Direct
UB Ultra Blend lens - Direct

SLA SurroundLite Asymm. - Indirect

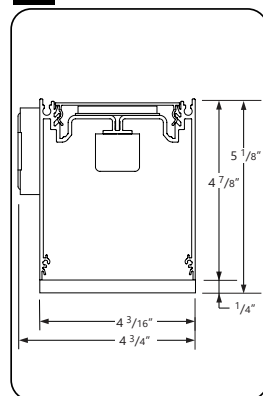
SL SurroundLite - Indirect



0.5G 0.5" Glo lens - Direct

SLA SurroundLite Asymm. - Indirect

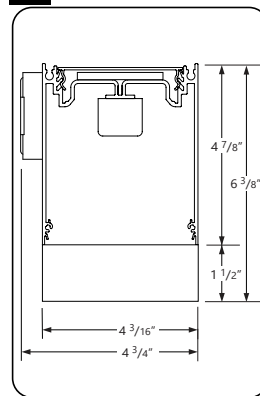
SL SurroundLite - Indirect



0.25G 0.25" Glo lens - Direct

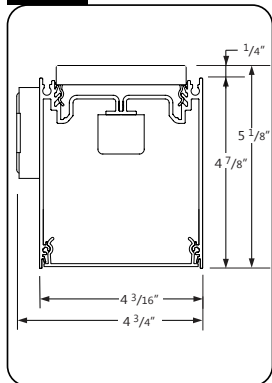
SLA SurroundLite Asymm. - Indirect

SL SurroundLite - Indirect



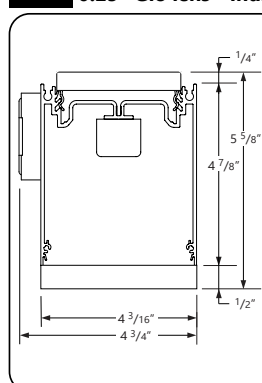
1.5M 1.5" StepLens - Direct

0.25G 0.25" Glo lens - Indirect



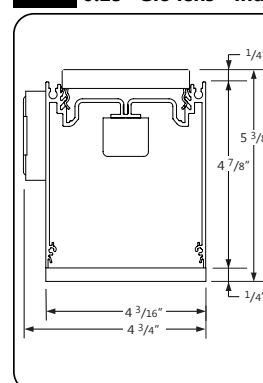
SO Spotless lens - Direct
NW Narrow lens - Direct
GZ Graze lens - Direct
ASO Asymm. lens - Direct
UB Ultra Blend lens - Direct

0.25G 0.25" Glo lens - Indirect



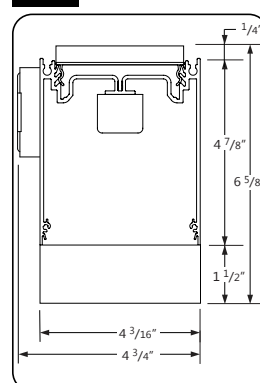
0.5G 0.5" Glo lens - Direct

0.25G 0.25" Glo lens - Indirect



0.25G 0.25" Glo lens - Direct

0.25G 0.25" Glo lens - Indirect



1.5M 1.5" StepLens - Direct

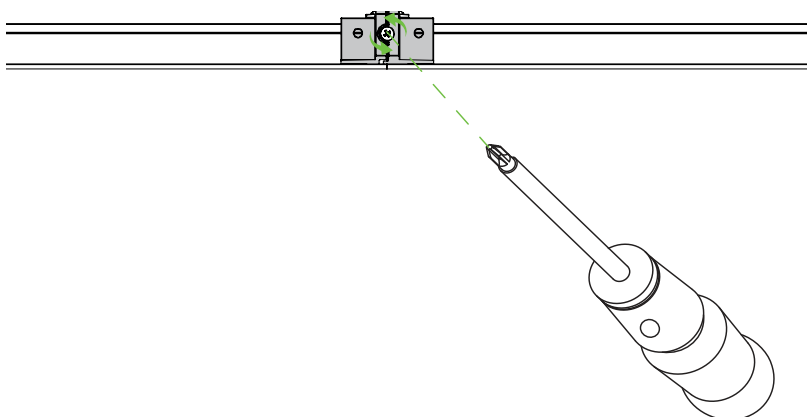
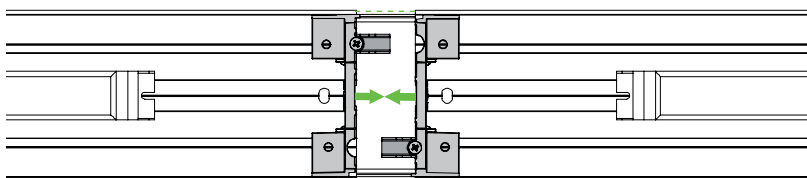
● SYSTEM (S#)

BEAM 4 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 4 that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. System runs with SurroundLite available in 1' increments only. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

● JOINERS

BEAM 4 luminaires feature the joining mechanism shown below. This mechanism joins and aligns multiple luminaires to create long continuous runs of light.

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



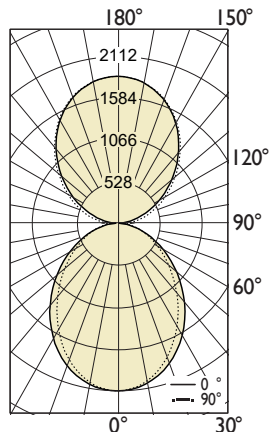
● PHOTOMETRIC DATA

0.25G 0.25 Glo Lens - Up
0.25G 0.25 Glo Lens - Down

Uplight
1200 lm/ft
 Downlight
1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
 Lumen/ft down: 1200 lm/ft
 Total Lumens: 9602 lm (for 4ft)
 Input Watts: 72 W
 Efficacy: 133 lm/W

IES FILE: TB4WDILED-1200-1200-80-35-0.25G-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2112	2112	2112	2112	2112
5	2102	2102	2102	2101	2099
15	1996	1994	1982	1967	1958
25	1787	1779	1747	1710	1693
35	1497	1483	1436	1382	1357
45	1165	1152	1101	1045	1020
55	833	825	786	742	724
65	529	530	512	488	478
75	274	285	291	289	287
85	84	101	121	133	136
90	14	33	61	88	98
95	85	108	140	169	181
105	272	292	323	352	364
115	517	536	552	570	577
125	799	812	823	831	825
135	1094	1102	1110	1116	1104
145	1375	1381	1396	1388	1379
155	1623	1625	1619	1610	1608
165	1765	1771	1768	1765	1765
175	1843	1843	1843	1843	1842
180	1850	1850	1850	1850	1850

ZONAL LUMENS

Zone	Lumens
0	
0-10	198
10-20	552
20-30	789
30-40	875
40-50	823
50-60	677
60-70	483
70-80	287
80-90	118
90	
90-100	142
100-110	327
110-120	529
120-130	713
130-140	835
140-150	850
150-160	734
160-170	495
170-180	175
180	

LUMINANCE DATA (cd/m²)

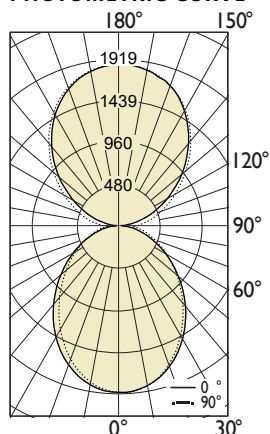
Vertical Angle	Horizontal Angles		
	0	45	90
45	13797	13039	12075
55	12164	11471	10562
65	10472	10139	9467
75	8862	9405	9281
85	8029	11617	13111

0.25G 0.25 Glo Lens - Up
0.5G 0.5 Glo Lens - Down

Uplight
1200 lm/ft
 Downlight
1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
 Lumen/ft down: 1200 lm/ft
 Total Lumens: 9620 lm (for 4ft)
 Input Watts: 71.8 W
 Efficacy: 134 lm/W

IES FILE: TB4WDILED-1200-1200-80-35-0.25G-0.5G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1916	1916	1916	1916	1916
5	1908	1910	1910	1910	1911
15	1804	1809	1806	1799	1796
25	1606	1611	1600	1578	1568
35	1337	1344	1326	1300	1285
45	1037	1049	1036	1012	999
55	744	761	761	748	740
65	477	503	518	519	517
75	255	286	317	333	336
85	84	118	157	182	189
90	31	85	152	205	223
95	100	148	211	261	279
105	285	325	381	432	450
115	528	561	598	631	646
125	808	832	861	883	884
135	1103	1120	1141	1158	1152
145	1383	1394	1421	1421	1416
155	1628	1635	1636	1634	1635
165	1768	1777	1779	1779	1781
175	1844	1845	1846	1848	1847
180	1850	1850	1850	1850	1850

ZONAL LUMENS

Zone	Lumens
0	
0-10	180
10-20	501
20-30	719
30-40	804
40-50	768
50-60	648
60-70	481
70-80	306
80-90	155
90	
90-100	213
100-110	385
110-120	573
120-130	747
130-140	859
140-150	865
150-160	742
160-170	498
170-180	175
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	18785	18776	18108
55	16614	17006	16524
65	14457	15690	15683
75	12621	15670	16632
85	12288	23130	27764

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

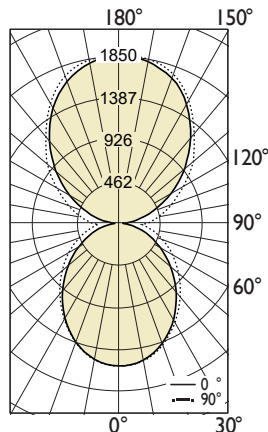
● PHOTOMETRIC DATA

0.25G 0.25 Glo Lens - Up
1.5M 1.5 Step Lens - Down

Uplight
1200 lm/ft
 Downlight
1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
 Lumen/ft down: 1200 lm/ft
 Total Lumens: 9537 lm (for 4ft)
 Input Watts: 70.9 W
 Efficacy: 135 lm/W

IES FILE: TB4WDILED-1200-1200-80-35-0.25G-1.5M-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1575	1575	1575	1575	1575
5	1567	1566	1567	1569	1570
15	1482	1487	1495	1498	1497
25	1320	1332	1345	1344	1343
35	1104	1129	1147	1155	1155
45	869	906	940	955	960
55	638	687	734	764	773
65	422	481	541	583	597
75	236	298	368	415	430
85	86	153	227	274	287
90	45	131	232	304	326
95	113	195	291	360	381
105	295	368	454	518	538
115	535	597	656	701	718
125	814	861	912	945	949
135	1094	1102	1110	1116	1104
145	1375	1381	1396	1388	1379
155	1623	1625	1619	1610	1608
165	1765	1771	1768	1765	1765
175	1843	1843	1843	1843	1842
180	1850	1850	1850	1850	1850

ZONAL LUMENS	
Zone	Lumens
0	
0-10	149
10-20	417
20-30	609
30-40	702
40-50	702
50-60	630
60-70	506
70-80	358
80-90	226
90	
90-100	289
100-110	449
110-120	622
120-130	783
130-140	842
140-150	850
150-160	734
160-170	495
170-180	175
180	

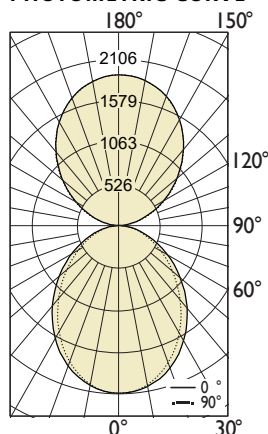
LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	15746	17035	17387
55	14252	16393	17272
65	12788	16401	18085
75	11675	18206	21263
85	12681	33330	42249

SO Spotless Lens - Up
SO Spotless Lens - Down

Uplight
1200 lm/ft
 Downlight
1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
 Lumen/ft down: 1200 lm/ft
 Total Lumens: 9601 lm (for 4ft)
 Input Watts: 72.5 W
 Efficacy: 132 lm/W

IES FILE: TB4WDILED-1200-1200-80-35-SO-SO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2106	2106	2106	2106	2106
5	2096	2093	2091	2089	2088
15	1989	1983	1969	1953	1945
25	1781	1767	1737	1702	1686
35	1495	1478	1434	1386	1364
45	1171	1155	1108	1056	1033
55	845	833	793	748	730
65	542	536	509	478	465
75	283	283	272	258	252
85	84	85	84	80	79
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS	
Zone	Lumens
0	
0-10	198
10-20	551
20-30	791
30-40	884
40-50	838
50-60	692
60-70	488
70-80	275
80-90	84
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	13867	13117	12235
55	12338	11567	10649
65	10740	10085	9212
75	9146	8792	8142
85	8065	8042	7592

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

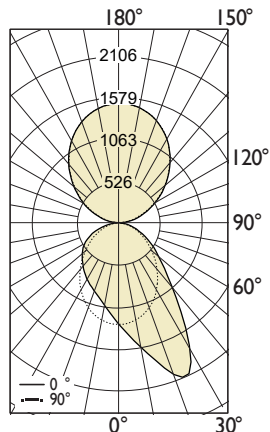
● PHOTOMETRIC DATA

SO Spotless Lens - Up
ASO Asymmetric Lens - Down

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Lumen/ft down: 1000 lm/ft
Total Lumens: 9028 lm (for 4ft)
Input Watts: 71.8 W
Efficacy: 126 lm/W

IES FILE: TB4WDILED-1200-1000-80-35-SO-ASO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1608	1608	1608	1608	1608
5	1599	1672	1738	1786	1783
15	1507	1737	1999	2212	2261
25	1324	1727	2250	2574	2638
35	1078	1582	2048	1830	1721
45	812	1256	1401	1089	1026
55	563	849	857	692	676
65	349	496	492	417	415
75	169	225	223	196	198
85	30	41	44	39	44
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS

Zone	Lumens
0	
0-10	154
10-20	462
20-30	742
30-40	832
40-50	747
50-60	599
60-70	419
70-80	220
80-90	52
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

LUMINANCE DATA (cd/m²)

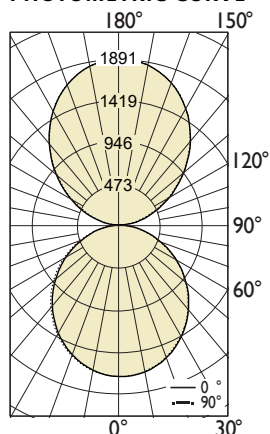
Vertical Angle	Horizontal Angles		
	0	45	90
45	9611	16584	12150
55	8212	12504	9872
65	6910	9740	8227
75	5454	7212	6394
85	2864	4224	4188

SO Spotless Lens - Up
UB Ultra blend Lens - Down

Uplight
1200 lm/ft
Downlight
1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Lumen/ft down: 1200 lm/ft
Total Lumens: 9557 lm (for 4ft)
Input Watts: 75.3 W
Efficacy: 127 lm/W

IES FILE: TB4WDILED-1200-1200-80-35-SO-UB-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1724	1724	1724	1724	1724
5	1718	1719	1721	1721	1721
15	1651	1655	1659	1659	1659
25	1522	1528	1532	1532	1530
35	1338	1346	1350	1349	1347
45	1116	1125	1128	1125	1123
55	864	874	877	874	872
65	594	604	609	608	606
75	327	338	345	346	346
85	102	109	115	116	116
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS

Zone	Lumens
0	
0-10	163
10-20	464
20-30	695
30-40	827
40-50	846
50-60	754
60-70	569
70-80	335
80-90	104
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13211	13360	13290
55	12607	12803	12720
65	11766	12064	12006
75	10583	11168	11183
85	9829	11021	11133

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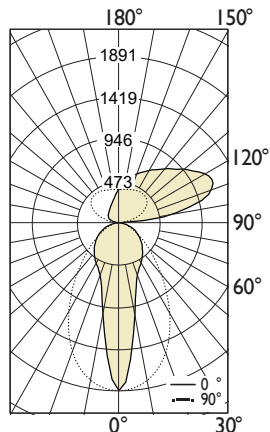
● PHOTOMETRIC DATA

SLA Asymmetric Lens - Up
NW Narrow Lens - Down

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Lumen/ft down: 1000 lm/ft
Total Lumens: 9060 lm (for 4ft)
Input Watts: 77 W
Efficacy: 118 lm/W

IES FILE: TB4WDILED-1200-1000-80-35-SLA-NW-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4002	4002	4002	4002	4002
5	3960	3903	3669	3459	3261
15	3606	2962	2108	1737	1600
25	2877	1986	1334	1199	1171
35	1971	1339	1004	988	982
45	1200	914	766	783	789
55	682	596	548	584	602
65	376	357	350	390	412
75	173	172	174	203	215
85	34	36	38	49	48
90	5	4	3	2	2
95	80	240	428	600	602
105	376	656	1170	1814	2048
115	650	931	1409	2103	2448
125	823	1093	1451	1913	2153
135	892	1153	1406	1683	1808
145	892	1125	1317	1479	1540
155	858	1043	1193	1295	1331
165	821	936	1035	1100	1126
175	797	834	869	892	899
180	794	794	794	794	794

ZONAL LUMENS	
Zone	Lumens
0	
0-10	317
10-20	645
20-30	744
30-40	746
40-50	663
50-60	529
60-70	369
70-80	197
80-90	50
90	
90-100	244
100-110	742
110-120	916
120-130	871
130-140	739
140-150	575
150-160	402
160-170	234
170-180	76
180	

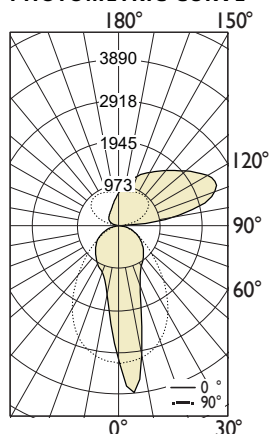
LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	19761	12625	12988
55	13840	11126	12232
65	10367	9641	11341
75	7806	7830	9662
85	4501	5142	6350

SLA Asymmetric Lens - Up
GZ Graze Lens - Down

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Lumen/ft down: 1000 lm/ft
Total Lumens: 9086 lm (for 4ft)
Input Watts: 75.5 W
Efficacy: 120 lm/W

IES FILE: TB4WDILED-1200-1000-80-35-SLA-GZ-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3198	3198	3198	3198	3198
5	3160	3529	3781	3876	3890
15	2981	3569	2861	2211	1935
25	2553	2656	1559	1223	1149
35	1895	1742	1046	964	952
45	1220	1133	790	785	780
55	719	709	575	595	601
65	404	412	372	403	418
75	185	193	184	212	225
85	35	39	40	51	48
90	5	4	3	2	2
95	80	240	428	600	602
105	376	656	1170	1814	2048
115	650	931	1409	2103	2448
125	823	1093	1451	1913	2153
135	892	1153	1406	1683	1808
145	892	1125	1317	1479	1540
155	858	1043	1193	1295	1331
165	821	936	1035	1100	1126
175	797	834	869	892	899
180	794	794	794	794	794

ZONAL LUMENS	
Zone	Lumens
0	
0-10	286
10-20	633
20-30	736
30-40	747
40-50	678
50-60	552
60-70	391
70-80	210
80-90	52
90	
90-100	244
100-110	742
110-120	916
120-130	871
130-140	739
140-150	575
150-160	402
160-170	234
170-180	76
180	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	20095	13007	12843
55	14605	11684	12200
65	11123	10245	11518
75	8345	8294	10134
85	4693	5399	6433

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