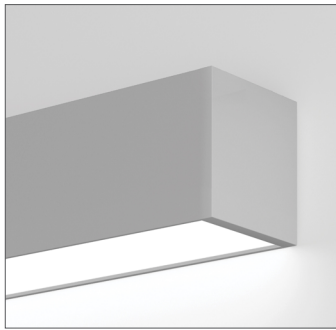
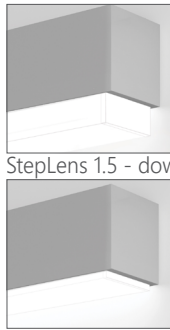


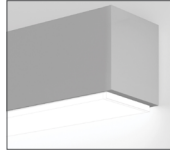
Beam 4 | Wall mount - Direct



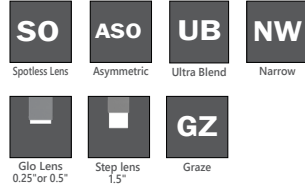
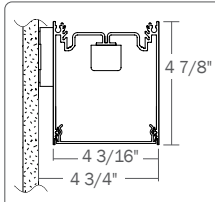
Flush Spotless Lens - down



StepLens 1.5 - down



Glo lens - down



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY	SHIELDING
1200 lm/ft	9.6 W/ft	126 lm/W	0.25G
1200 lm/ft	9.5 W/ft	126 lm/W	0.5G
1200 lm/ft	9.3 W/ft	129 lm/W	1.5M
1200 lm/ft	9.7 W/ft	124 lm/W	SO
1000 lm/ft	9.5W/ft	111 lm/W	ASO
1000 lm/ft	9.4 W/ft	144 lm/W	GZ
1000 lm/ft	9.8 W/ft	109 lm/W	NW
1200 lm/ft	10.4 W/ft	116 lm/W	UB

Please consult factory for custom lumen output and wattage.

Ordering Guide



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 2 for DLC Approved options



PRODUCT ID	NOM. LUM/FT DOWN	CRI	COLOR TEMP. (choose one)	SHIELDING
TB4WDLED BEAM4 - Wall Direct LED	400 400 lm/ft - Minimum 1000 1000 lm/ft - max for GZ, NW, ASO.* 1200 1200 lm/ft - Maximum	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* TW2750 2700-5000 K - Tunable White TW2765 2700-6500 K - Tunable White BTW3527 3500-2700 K - Tunable BIOS BTW4027 4000-2700 K - Tunable BIOS	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
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; SurroundLite not available with direct. * Default lens for Tunable white and BIOS. Consult factory for other lens.

LENGTH (FT)	MR (OPTIONAL)	FINISH	VOLTAGE	DRIVER	CIRCUITS
2 2'	M16LED(#) MR16 LED lamp - Line voltage (by other)*	AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit
3 3'	M16LEDB(#) MR16 LED lamp - Dimmable (provided)**	W white	277 277 V	LT(#) Lutron *	2 2 circuits
4 4'		BLK black	347 347 V	BI bi-level dimming	+E(#) emergency circuit*
5 5'		C custom	UNV universal	O(#) other **	+NL(#) night light circuit*
8 8'			DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*	+GTD(#) generator transfer device*
12 12'				DPB(DYN) Bio-dimming™ 100%-81% with BIOS*	+M MR
S(L) System Run				TW(#) tunable white drivers*	
				POE(#) POE drivers*	
*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	

BATTERY (OPT.)	IC CONTROLS (OPT.)	CUSTOM (OPT.)
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
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

Beam 4 | Wall mount - Direct

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.

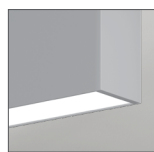
i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

DLC Approved Options

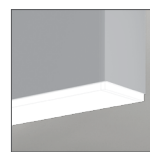


LUMEN OUTPUT	CRI	COLOR TEMP.	SHIELDING	LENGTH	VOLTAGE	DRIVER
400 lm/ft	80	3000 K	SO	4'	universal	DP
600 lm/ft		3500 K		8'		
800 lm/ft		4000 K		12'		
1000 lm/ft						

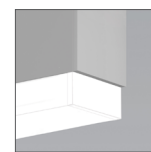
OPTICS



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.

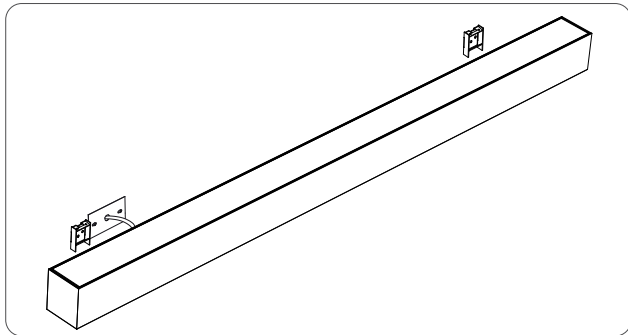
LED SYSTEM

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).

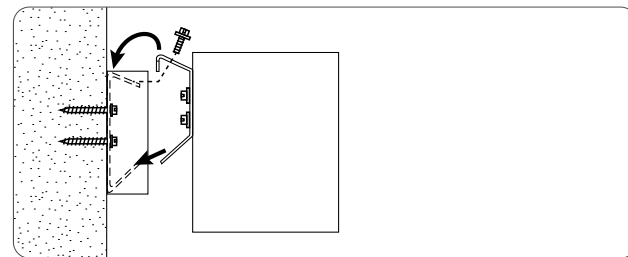
Beam 4 | Wall mount - Direct

● 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.

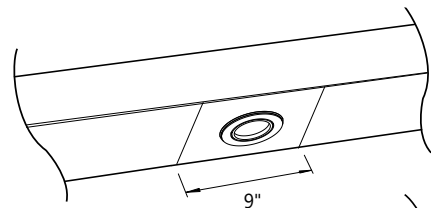
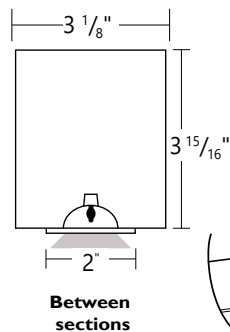


● WARRANTY

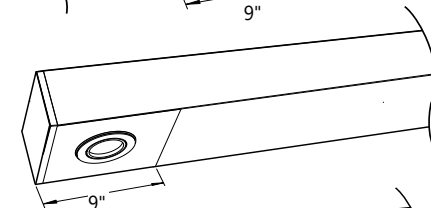
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● MR16 LED LAMPS

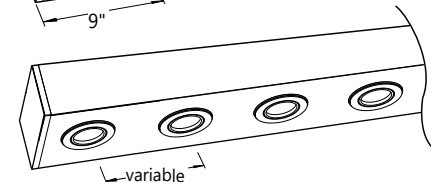
Blank	Extruded aluminum (0.075" nominal)
MR16 LED	Adjustable LED lamp (provided)
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V & DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 is placed centered on 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.



At luminaire
ends



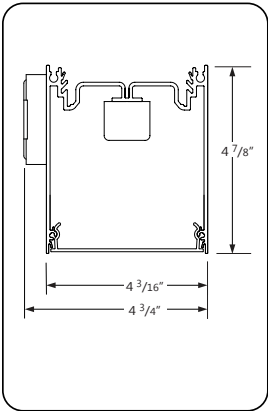
Several in a
long blank
section



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 - Direct

ASO

Asy. flush lens - Direct

UB

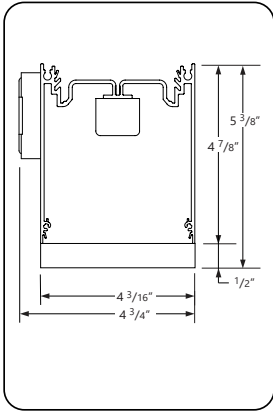
Ultra Blend lens - Direct

NW

Narrow lens - Direct

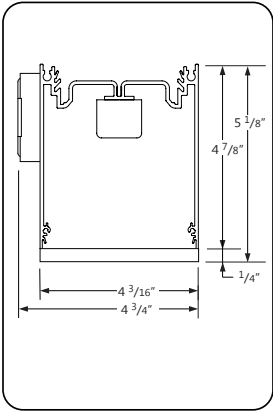
GZ

Graze lens - Direct



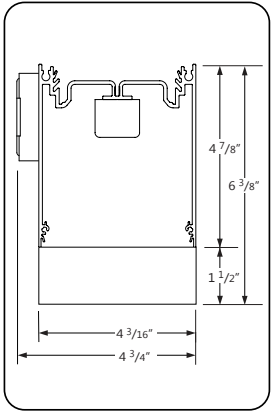
0.5G

0.5" Glo lens - Direct



0.25G

0.25" Glo lens - Direct



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.

● WARRANTY

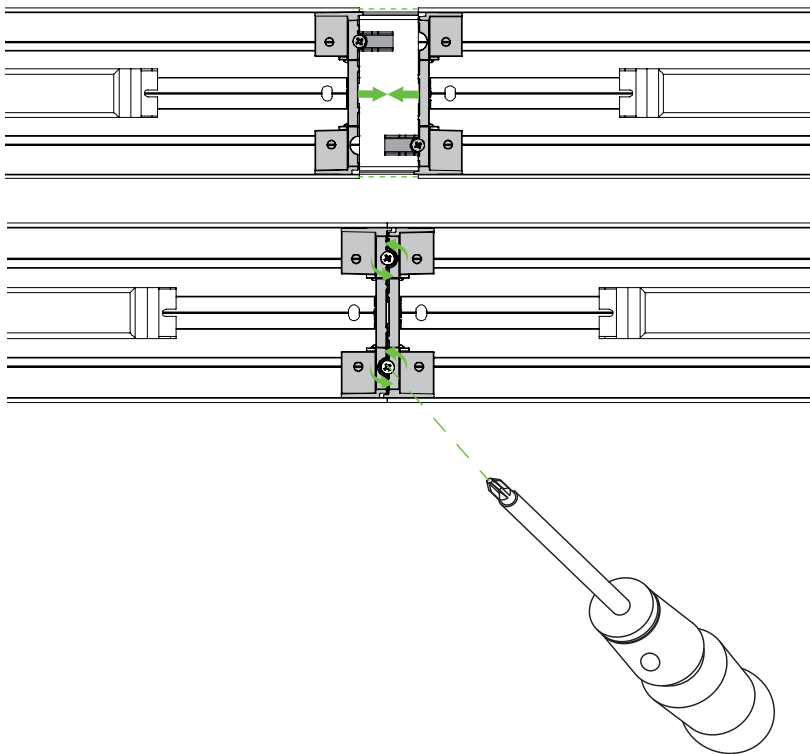
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● 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.



Beam 4 | Wall mount - Direct

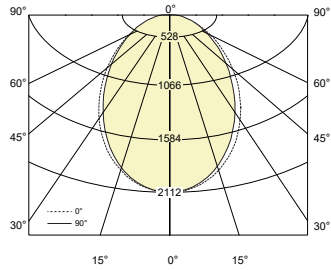
● PHOTOMETRIC DATA

0.25G 0.25" Glo lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.2 W
Efficacy: 126 lm/W
 IES FILE: TB4WDLED-1200-80-35-0.25G-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	12	32	54	69	74

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	116
90	

LUMINANCE DATA (cd/m²)

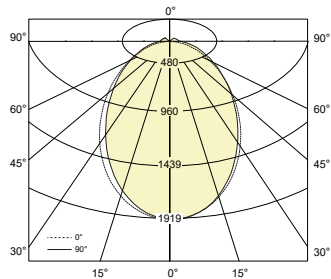
Vertical Angle	Horizontal Angles		
	0	45	90
45	13797	13039	12075
55	12164	11471	10562
65	10472	10139	9467
75	8862	9405	9281
85	8029	11617	13111

0.5G 0.5" Glo lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4799 lm (for 4ft)
Input Watts: 38 W
Efficacy: 126 lm/W
 IES FILE: TB4WDLED-1200-80-35-0.5G-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	17	52	91	117	125
95	15	41	71	92	98
105	13	34	58	80	86
115	11	25	46	62	69
125	10	20	38	51	59

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	116
90	
90-100	71
100-110	58
110-120	44
120-130	33
130-140	
140-150	
150-160	
160-170	
170-180	38
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12274	12268	11832
55	10855	11111	10796
65	9446	10252	10247
75	8246	10239	10868
85	8029	15113	18141

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

Beam 4 | Wall mount - Direct

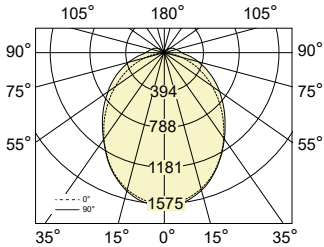
● PHOTOMETRIC DATA

1.5M 1.5" Step lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 37.1 W
Efficacy: 129 lm/W

IES FILE: TB4WDLED-1200-80-35-1.5M-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	31	98	170	216	229
95	28	88	151	190	200
105	23	77	131	166	174
115	19	61	104	131	142
125	15	49	90	113	124

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	219
90	
90-100	146
100-110	122
110-120	93
120-130	69
130-140	
140-150	
150-160	
160-170	
170-180	78
180	

LUMINANCE DATA (cd/m²)

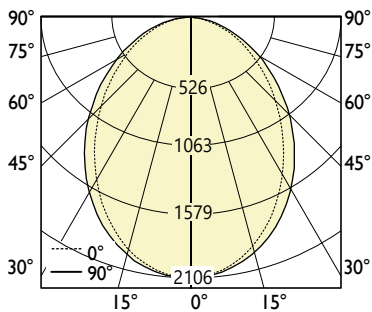
Vertical Angle	Horizontal Angles		
	0	45	90
45	10288	11130	11360
55	9312	10711	11286
65	8356	10716	11817
75	7628	11896	13893
85	8286	21778	27606

SO Spotless lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.7 W
Efficacy: 124 lm/W

IES FILE: TB4WDLED-1200-80-35-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	6	7	7	7	7

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	

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

Beam 4 | Wall mount - Direct

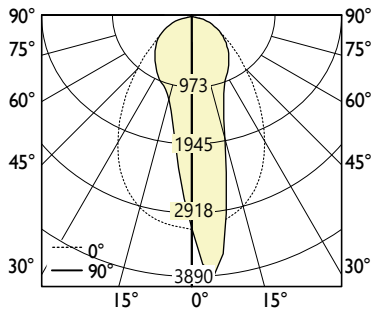
● PHOTOMETRIC DATA

GZ Graze lens - FL

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4286 lm (for 4ft)
Input Watts: 37.6 W
Efficacy: 114 lm/W

IES FILE: TB4WDLED-1000-80-35-GZ-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	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	2	2	2	2	2

ZONAL LUMENS

	Lumens
Zone	
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	

LUMINANCE DATA (cd/m²)

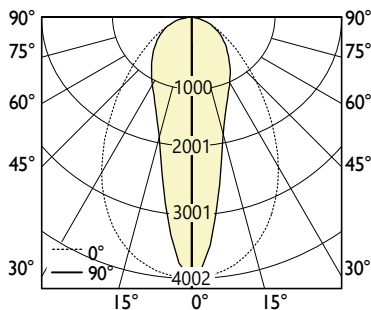
	Horizontal Angles		
Vertical Angle	0	45	90
45	14136	9150	9034
55	10274	8220	8582
65	7825	7207	8103
75	5871	5834	7129
85	3302	3798	4525

NW Narrow lens

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4260 lm (for 4ft)
Input Watts: 39.1 W
Efficacy: 109 lm/W

IES FILE: TB4WDLED-1000-80-35-NW-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	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	2	2	2	2	2

ZONAL LUMENS

	Lumens
Zone	
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	49
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	13901	8881	9137
55	9736	7827	8605
65	7293	6782	7978
75	5491	5509	6797
85	3166	3617	4467

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

Beam 4 | Wall mount - Direct

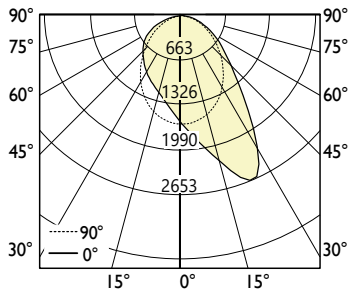
● PHOTOMETRIC DATA

ASO Asy. Flush Lens

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4227 lm (for 4ft)
Input Watts: 38 W
Efficacy: 111 lm/W
 IES FILE: TB4WDLED-1000-80-35-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	2	2	2	2	4

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	

LUMINANCE DATA (cd/m²)

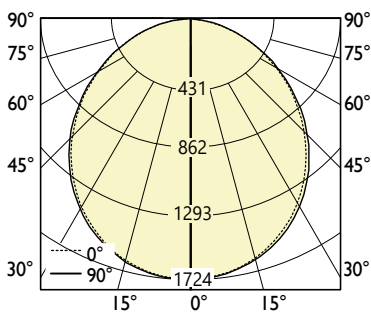
Vertical Angle	Horizontal Angles		
	0	45	90
45	9406	16231	11891
55	8037	12238	9662
65	6763	9532	8052
75	5338	7059	6258
85	2803	4134	4099

UB Ultra blend lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 41.5 W
Efficacy: 116 lm/W
 IES FILE: TB4WDLED-1200-80-35-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	9	13	16	15	15

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	105
90	

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

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