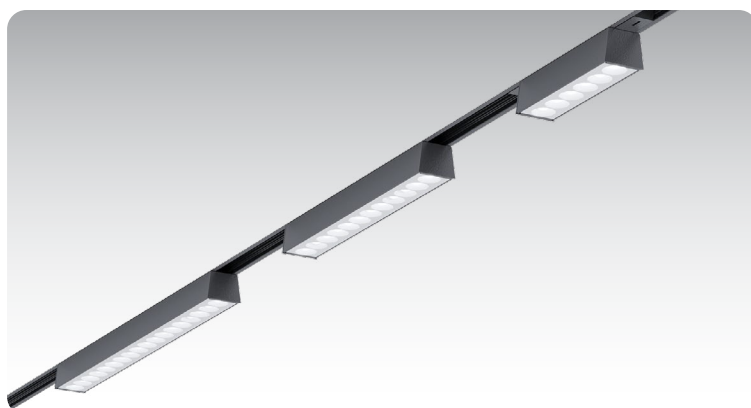


Project _____

Type _____

Notes _____



Ordering Guide

TDMKL													
PRODUCT ID		MikroLite - MKL(SIZE, Baffle Type, Cell Optics, Beam Angle, Lumen Output, Baffle Finish)											
		SIZE		BAFFLE TYPE	CELL OPTICS		BEAM ANGLE		NOMINAL LUMEN OUTPUT		BAFFLE FINISH		
TDMKL	Track Decorative MikroLite	6	6 cells	LF CN	lofted baffle conic baffle	SF SR SFHC	soft beam sharp beam soft beam & honeycomb	D24 D50	24 deg 50 deg	400	400 lm - 6 cell	MB MW MS MRG CG CB CRG CS CL	matte black matte white matte silver matte rose gold chrome gold chrome black chrome rose gold chrome silver crystal
		12	12 cells							800	800 lm - 12 cell		
		18	18 cells							1100	1100 lm - 18 cell		
		Consult factory for custom sizes.								Lumen output will vary depending on baffle type, finish, and chosen beam angle. See performance below.			

CRI	COLOR TEMP.	HOUSING FINISH	MOUNTING	CONTROLS	ADAPTOR FINISH
90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	BLK black W white C custom	AXT Axistrak	DP integral driver 0-10V dimming (1%) DALI DT6 integral driver DALI 2.0 Type 6	BLK black W white
Consult factory for other color temps.		See custom finishes guide https://www.axislighting.com/finishes			

PERFORMANCE

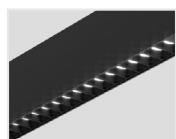
BAFFLE TYPE	CELL OPTICS	BEAM ANGLE	BAFFLE FINISH	6-CELL MODULE OUTPUT (LM)	WATTAGE (W)	EFFICACY (LM/W)	12-CELL MODULE OUTPUT (LM)	WATTAGE (W)	EFFICACY (LM/W)	18-CELL MODULE OUTPUT (LM)	WATTAGE (W)	EFFICACY (LM/W)
CN	SF	D24	MB	407			814			1142		
		D24	MW	456			912			1279		
		D50	MB	359			717			1006		
		D50	MW	412			824			1156		
	SR	D24	MB	399			798			1119		
		D24	MW	423			846			1187		
		D50	MB	356			712			1000		
		D50	MW	360			721			1011		
LF	SF	D24	MB	429			858			1203		
		D24	MW	463			926			1298		
		D50	MB	391			782			1098		
	SR	D24	MB	414			828			1161		
		D24	MW	431			862			1210		

See Configurations on page 3.

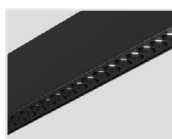
CONSTRUCTION

Housing	Extruded aluminum (0.070" nominal)
MikroLite	High density composite Polycarbonate shielding and formed aluminum optical system
MikroLite Heat Sink	Extruded aluminum
Lenses	Extruded acrylic

MIKROLITE BAFFLE TYPE



LF
Lofted baffle



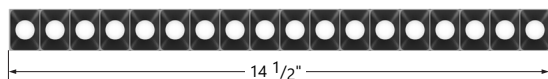
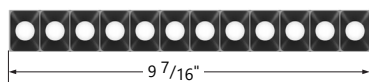
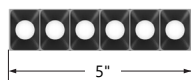
CN
Conical baffle

MIKROLITE BAFFLE FINISHES



MIKROLITE MODULE SIZE

Three sizes available:



MIKROLITE BEAM SPREADS



FINISH

Powder coated black, white, and custom finishes are available.

WEIGHT

Estimated insert weight per linear foot 0.38 lbs/ft

ELECTRICAL

DP	Integral 0-10v 1% dimming low voltage driver (48V)
DALIDT6	Integral Dali 2.0 D4i type 6 low voltage driver (48V)

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

LED SYSTEM

CRI	Minimum 90 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse).
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.

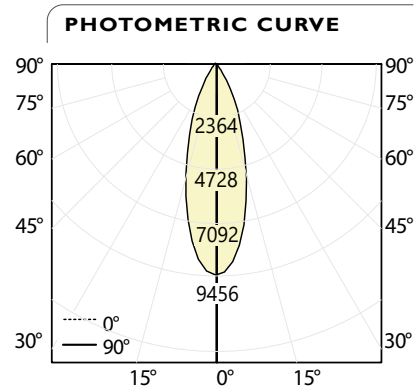
WARRANTY

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.

APPROVALS

Certified to cULus standards. 
Certified under UL2108.

● PHOTOMETRIC DATA - LOFTED MIKROLITE 1.25

MikroLite - Lofted Black Matte 24°
soft beam

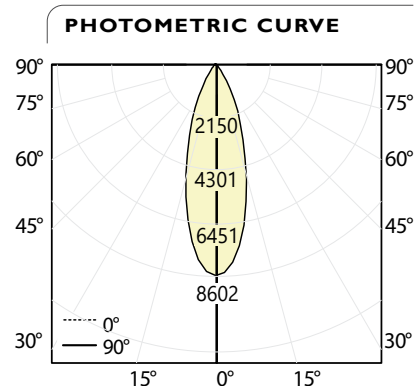
CANDELA DISTRIBUTION					
	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	9345	9345	9345	9345	9345
5	8794	8548	8438	8251	8262
15	5249	4866	4671	4455	4487
25	2303	2127	2041	1926	1911
35	573	597	688	649	642
45	128	134	197	208	192
55	41	45	66	74	70
65	2	3	11	12	9
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	1	1	1

ZONAL LUMENS	
Zone	Lumens
0	
0-10	782
10-20	1432
20-30	1056
30-40	487
40-50	168
50-60	64
60-70	15
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)			
	Horizontal Angles		
Vertical Angle	0	45	90
45	7532	11591	11316
55	2999	4824	5077
65	175	1107	873
75	0	0	0
85	0	40	102

Total Lumens: 1000 lm (for 1 module)
Input Watts: 9.70 W/module
Efficacy: 103 lm/W

90 CRI at 3500K shown.
 IES FILE: MKL-B-LF-SF-D24-1000-BM.ies
 TESTED ACCORDING TO IES LM-79-2008

MikroLite - Lofted White Matte 24°
soft beam

CANDELA DISTRIBUTION					
	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	8602	8602	8602	8602	8602
5	8164	8061	8034	7924	7960
15	5055	4884	4830	4702	4706
25	2308	2227	2208	2133	2126
35	651	716	828	796	786
45	197	210	280	293	272
55	106	111	132	138	128
65	48	51	61	60	54
75	20	20	18	14	12
85	6	5	5	3	3
90	1	1	1	1	1

ZONAL LUMENS	
Zone	Lumens
0	
0-10	726
10-20	1355
20-30	1026
30-40	505
40-50	211
50-60	115
60-70	58
70-80	19
80-90	5
90	

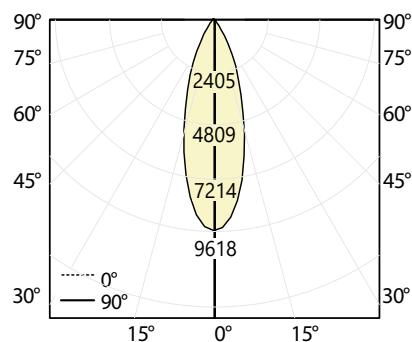
LUMINANCE DATA (cd/m²)			
	Horizontal Angles		
Vertical Angle	0	45	90
45	11591	16507	16047
55	7679	9573	9268
65	4719	6032	5307
75	3226	2923	1921
85	2727	2166	1222

Total Lumens: 1000 lm (for 1 module)
Input Watts: 9.02 W/module
Efficacy: 111 lm/W

90 CRI at 3500K shown.
 IES FILE: MKL-B-LF-SF-D24-1000-WM.ies
 TESTED ACCORDING TO IES LM-79-2008

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

● PHOTOMETRIC DATA - CONIC MIKROLITE 1.25

MikroLite - Conic Black Matte 24°
soft beam**PHOTOMETRIC CURVE**

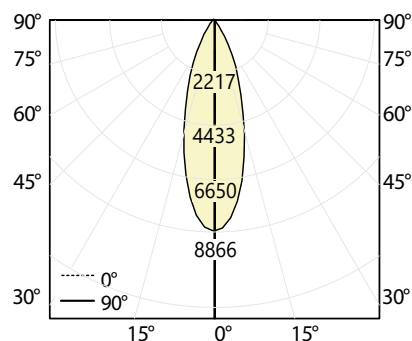
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	9618	9618	9618	9618	9618
5	9187	9111	9090	9030	9015
15	5726	5630	5614	5503	5513
25	2545	2499	2514	2460	2436
35	603	587	606	586	597
45	125	123	126	124	126
55	37	36	38	38	39
65	1	1	1	1	2
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

Zone	Lumens
0	
0-10	817
10-20	1536
20-30	1112
30-40	396
40-50	102
50-60	33
60-70	3
70-80	0
80-90	0
90	

Vertical Angle	Horizontal Angles		
	0	45	90
45	7363	7444	7394
55	2671	2774	2862
65	133	109	195
75	0	0	0
85	0	0	0

Total Lumens: 1000 lm (for 1 module)
Input Watts: 10.24 W/module
Efficacy: 98 lm/W

90 CRI at 3500K shown.
 IES FILE: MKL-B-CN-SF-D24-1000-BM.ies
 TESTED ACCORDING TO IES LM-79-2008

MikroLite - Conic White Matte 24°
soft beam**PHOTOMETRIC CURVE**

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	8866	8866	8866	8866	8866
5	8369	8324	8364	8332	8363
15	5102	5040	5094	5030	5112
25	2262	2222	2254	2233	2287
35	615	606	626	616	634
45	218	215	218	216	220
55	129	126	127	127	129
65	69	67	67	66	67
75	31	30	30	29	30
85	8	8	8	7	8
90	1	1	1	1	1

Zone	Lumens
0	
0-10	749
10-20	1400
20-30	1039
30-40	426
40-50	176
50-60	115
60-70	68
70-80	32
80-90	9
90	

Vertical Angle	Horizontal Angles		
	0	45	90
45	12862	12843	12956
55	9373	9239	9384
65	6797	6610	6596
75	5026	4890	4832
85	3977	3722	3651

Total Lumens: 1000 lm (for 1 module)
Input Watts: 9.25 W/module
Efficacy: 108 lm/W

90 CRI at 3500K shown.
 IES FILE: MKL-B-CN-SF-D24-1000-WM.ies
 TESTED ACCORDING TO IES LM-79-2008

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