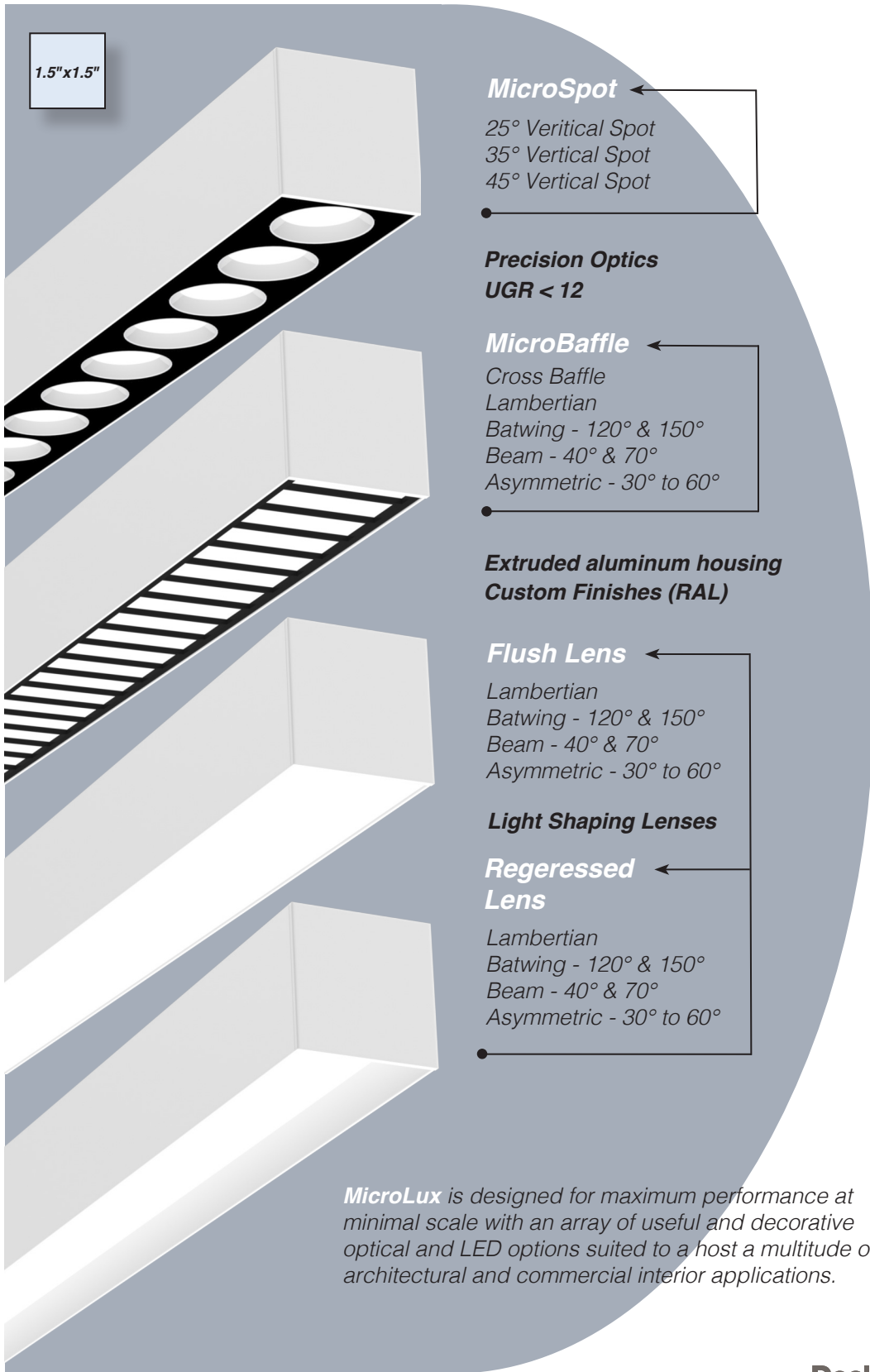


Date	Notes
Project	
Type	Qty



1.5"x1.5"

**MicroSpot**  
 25° Vertical Spot  
 35° Vertical Spot  
 45° Vertical Spot

**Precision Optics**  
 UGR < 12

**MicroBaffle**  
 Cross Baffle  
 Lambertian  
 Batwing - 120° & 150°  
 Beam - 40° & 70°  
 Asymmetric - 30° to 60°

**Extruded aluminum housing**  
 Custom Finishes (RAL)

**Flush Lens**  
 Lambertian  
 Batwing - 120° & 150°  
 Beam - 40° & 70°  
 Asymmetric - 30° to 60°

**Light Shaping Lenses**

**Regressed Lens**  
 Lambertian  
 Batwing - 120° & 150°  
 Beam - 40° & 70°  
 Asymmetric - 30° to 60°

*MicroLux is designed for maximum performance at minimal scale with an array of useful and decorative optical and LED options suited to a host a multitude of architectural and commercial interior applications.*



**Distribution**



**Optics**

- MicroSpot
- MicroBaffle
- Flush Lens
- Regressed Lens

**Lumens**

- 1000L/ft Direct
- 1000L/ft Indirect

**Mounting**

- Suspended
- Surface Ceiling

**LEDs**

- Static White
- Tunable White
- Dim-to-Warm
- Bios SkyBlue
- RGB
- RGBW

**Drivers**

- 0-10V
- DALI
- DMX
- Lutron
- ELV
- SR

**Options**

- EM Battery
- EM Circuit
- Sensors (remote)
- Wireless Control

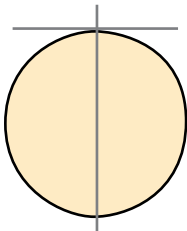
Ordering Guide

MODEL	OPTICS	STATIC WHITE	TUNABLE WHITE & DIM-TO-WARM	RGB/W	BIOS SKYBLUE	LUMENS DIRECT
<b>MLX-GC-D</b>						
<b>MLX-GC-D</b> Direct	<p><i>Optics - Direct details page 3.</i></p> <p><b>LENSES</b></p> <p>FL = Flush                      RL = Regressed                      DL = Drop Lens X*                      BFW = Baffle White                      BFB = Baffle Black</p> <p><b>DISTRIBUTION</b> (add)</p> <p>LB = Lambertian                      NB = Narrow Beam 40°                      MB = Medium Beam 70°                      BW6 = Batwing 60°                      BW7 = Batwing 70°                      AS3 = Asymmetric 30° @ 10° Tilt                      AS4 = Asymmetric 40° @ 15° Tilt</p> <p><b>Enter Optics as:</b>                      XXX(Lens)/XXX(Dist)                      RLNB = Regressed Lens/                      Narrow Beam</p> <p><b>SPOTS</b></p> <p>SRW25 = Round White 25°                      SRW35 = Round White 35°                      SRW45 = Round White 45°</p> <p>SRB25 = Round Black 25°                      SRB35 = Round Black 35°                      SRB45 = Round Black 45°</p>	<p>NA = Not Applicable</p> <p><b>STATIC WHITE</b></p> <p><b>80 CRI</b></p> <p>27 = 2700K                      30 = 3000K                      35 = 3500K                      40 = 4000K                      50 = 5000K</p> <p><b>90 CRI</b></p> <p>927 = 2700K                      930 = 3000K                      935 = 3500K                      940 = 4000K                      950 = 5000K</p> <p><b>92/95/98 CRI</b>                      Consult Factory</p>	<p>NA = Not Applicable</p> <p><b>TUNABLE TWO CHANNEL</b></p> <p>Fixed Range                      2700K-6500K, 80 CRI                      2DIM10 = for 0-10V                      2DMX = for DMX                      2ESN = for Philips                      2CAS = for Casambi                      2LUT = for Lutron</p> <p><b>TUNABLE THREE CHANNEL*</b></p> <p>Factory Programmable                      Custom CCT Range*                      1800K-6500K, 92 CRI                      3DIM10 = for 0-10V</p> <p><b>DIM-TO-WARM TWO CHANNEL</b></p> <p>Fixed Range CCT                      2700K-6500K 80/90 CRI                      2DTW = DTW 80 CRI                      92DTW = DTW 90 CRI</p> <p><b>DIM-TO-WARM THREE CHANNEL*</b></p> <p>Factory Programmable                      Custom CCT Range*                      1800K-6500K, 92 CRI                      CRI3DTW = DTW 92 CRI</p> <p><b>*Enter Custom Range:</b>                      XX/XX = XX Range                      18/65 = 18K-65K                      22/54 = 22K-54K</p>	<p>NA = Not Applicable</p> <p><b>RGB/WHITE</b></p> <p><b>80 CRI</b></p> <p>RGB = RGB                      RGB27 = RGB/27K                      RGB30 = RGB/30K                      RGB35 = RGB/35K                      RGB40 = RGB/40K                      RGB50 = RGB/50K                      RGBWW = RGBW</p> <p><b>90 CRI</b></p> <p>RGB = RGB                      RGB927 = RGB/27K                      RGB930 = RGB/30K                      RGB935 = RGB/35K                      RGB940 = RGB/40K                      RGB950 = RGB/50K                      RGB9WW = RGBWW</p> <p><b>SINGAL COLORS</b></p> <p>R = Red                      G = Green                      B = Blue                      A = Amber</p>	<p>NA = Not Applicable</p> <p><b>RGB/WHITE</b></p> <p><b>80 CRI (WHITE)</b></p> <p>RGB = RGB                      RGB27 = RGB/27K                      RGB30 = RGB/30K                      RGB35 = RGB/35K                      RGB40 = RGB/40K                      RGB50 = RGB/50K                      RGBWW = RGBW</p> <p><b>90 CRI (WHITE)</b></p> <p>RGB = RGB                      RGB927 = RGB/27K                      RGB930 = RGB/30K                      RGB935 = RGB/35K                      RGB940 = RGB/40K                      RGB950 = RGB/50K                      RGB9WW = RGBWW</p> <p><b>SINGAL COLORS</b></p> <p>R = Red                      G = Green                      B = Blue                      A = Amber</p>	<p><b>STANDARD</b></p> <p>w/FL/LB Lens.                      See Page 3 for other optics.</p> <p>LO = 600/ft                      5.0W/ft                      119LPW</p> <p>SO = 800/ft                      6.7W/ft                      119LPW</p> <p>HO = 1000/ft                      8.4W/ft                      140LPW</p> <p><b>CUSTOM</b>                      Enter &lt; 1000L/ft</p>

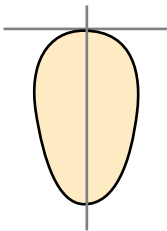
MOUNTING	LENGTH	FINISH	DRIVER / EMERGENCY/ WIRING	SENSORS & CONTROLS
<b>WM</b>				
W = Wall Mount	2 = 2 ft 3 = 3 ft 4 = 4 ft 5 = 5 ft 6 = 6 ft 7 = 7 ft 8 = 8 ft  For rows enter length in feet.  P = Pattern  For Patterns please provide a dimensioned drawing.  Day-O-Lite will provide factory drawings for approval.	WH = White  CC = Custom Color (RAL#)  AM = Anti Microbial White	<p><b>DRIVERS</b></p> <p>All drivers remote mount only.</p> <p>DIM10 = 0-10V (1%)                      DTO = 0-10V (Dim-to-Off)                      DIMST = 0-10V Step Dimming                      DIMSR = DALI Sensor Ready (5.0%)                      DALI = DALI (5.0%)                      DMX = DMX</p> <p><b>LUTRON™</b></p> <p>LDE1 = Hi-Lume 1% EcoSystem                      LD2 = Digital 1% (DALI-2)                      L3DA3W = Hi-Lume 1% 3-Wire</p> <p><b>EMERGENCY<sup>5</sup></b>                      Remote mount only.</p> <p>EMC = Emergency Circuit                      GRD = Generator Transfer Device                      EPC4 = 4W Emergency Battery                      EPC6 = 6.5W Emergency Battery                      EPC10 = 10W Emergency Battery</p> <p><b>WIRING</b></p> <p>FWH = Flexible Wiring Harness</p>	<p><b>SENSORS - OCC/DAY</b></p> <p>Remote mount only.</p> <p>AVO = Avi-O                      BNV = BubblyNet                      LEG = Legrand                      ANWS = Lutron Athena                      VIVE = Lutron Vive                      NLT = Acuity nLight                      NXC = Current NX                      ESN = Philips EasySense                      INT = Philips Interact                      WVW = Cooper WaveLinX</p> <p><b>WIRELESS CONTROL</b></p> <p>Remote mount only.</p> <p>AVN = Avi-On Node                      ANWR = Lutron Athena                      CAS = Casambi</p>

Direct Optics

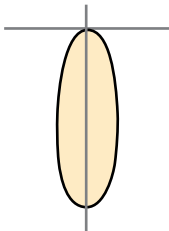
**LB:** Lambertian



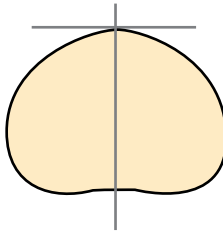
**MB:** Medium Beam 70°



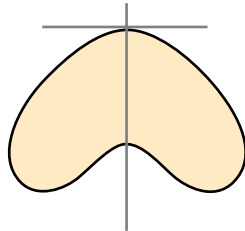
**NB:** Narrow Beam 40°



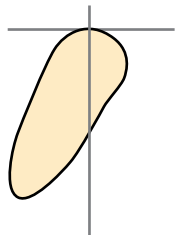
**BW7:** Batwing 70°



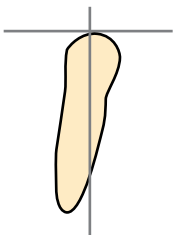
**BW6:** Batwing 60°



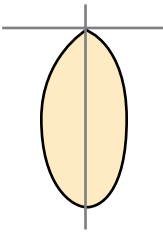
**AS4:** Asymmetric  
40° @ 15° Tilt



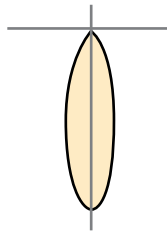
**AS3:** Asymmetric  
30° @ 10° Tilt



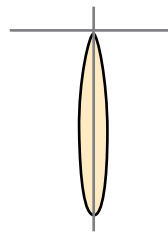
**S45:** MicroSpot 45°



**S35:** MicroSpot 35°



**S25:** MicroSpot 25°



### Individual Fixtures & Continuous Rows

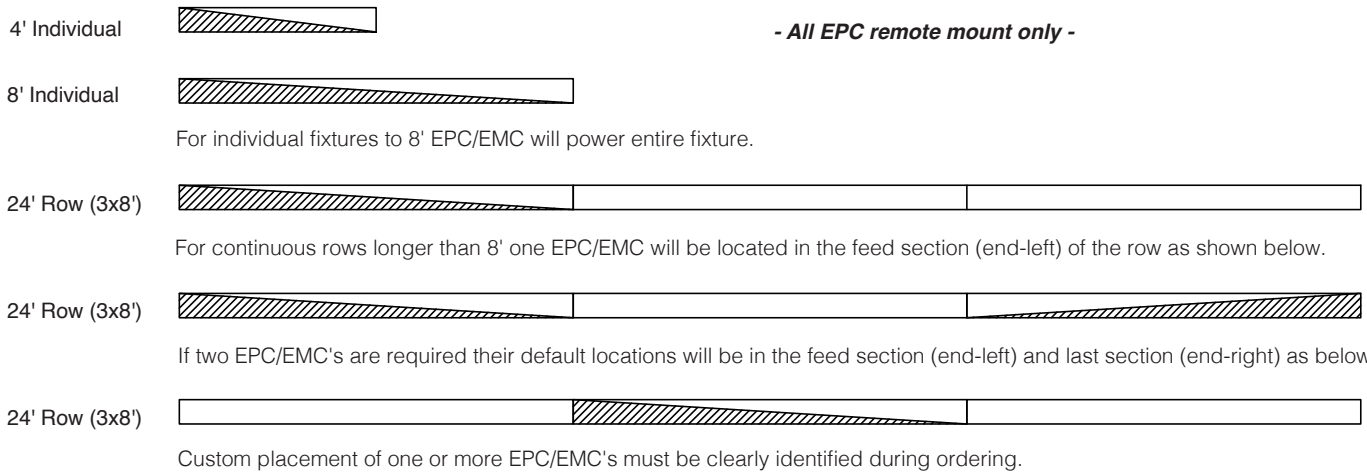
NOMINAL LENGTH	ACTUAL LENGTH	SUSP. 1 O.C.	SUSP. 2 O.C.	SUSP. 3 O.C.
4'	4' 2"	4'		
8'	8' 2"	8'	4'	
12'	12' 2"	8'	8'	
16'	16' 2"	8'	8'	4'
20'	20' 2"	8'	8'	8'
24'	24' 2"	8'	8'	8'

Power feed and suspension locations shown below. Continuous rows longer than 8' including EPC/EMC and sensor locations must be approved prior to manufacturing.

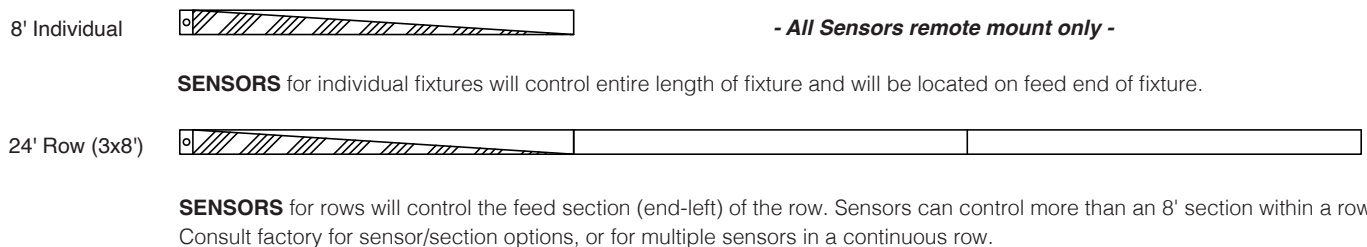


### Emergency Locations

EPC will control entire length of individual fixtures. Individual fixtures of differing lengths will deliver the same lumens under EPC power (a 4' fixture will deliver the same total lumens over half the length of an 8' fixture). EMC controlled individual fixtures will deliver lumens per foot as originally specified, unless dimmed at time of power loss. Consult factory for EMC dimming override device.



### Sensors



## Specifications

**CONSTRUCTION:** Extruded aluminum housing. 20 gauge cold rolled steel internal components.

**REFLECTOR:** Highly reflective baked white enamel with pre-finished reflective LED tray.

**OPTICS:** Flush and Regressed Lambertian, batwing, and asymmetric acrylic lens; and Spot optics in wide, medium and narrow beam. Cross-blade baffles also available (w/regressed lens).

**LED:** Static white LED modules in 27/30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum  $L_{70}$ = 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, Tunable White and Dim-to-Warm options available; field replaceable.

**DRIVER:** Standard remote driver is Class 2 AOC 0-10V to 1%, Dim-to-Off available. 120/277V input, PF > 90%, THD < 20 @ 120V. DMX, DALI & Lutron protocols available. All drivers prewired for connection to control system (by others); field replaceable.

**MOUNTING:** Standard installation is wall mount with included mounting brackets and hardware. Requires single-gang j-box supplied by others.

**FINISH:** Housing and components finished in baked white enamel.

**CERTIFICATION:** cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Union Made in the United States of America. I.B.E.W., BAA compliant, Suitable for damp locations. Declare Red List Approved.

**LEGAL:** Day-O-Lite, a division of SCW Corporation. All rights reserved. The Day-O-Lite logo is a registered trademark of SCW Corporation. Actual product performance may differ due to end user environment, application and installation. Luminaires have been tested at 25° C ambient temperature. Consult Day-O-Lite for high-ambient conditions. Day-O-Lite reserves the right to change specifications without notice for product improvement. DMX systems, sensors and control options to be commissioned by qualified personnel.

## Product Resources

IES Files



Install Guide



Bios Guide



DMX Guide



Wood Grain Finish



## Brand Assets

USA, BAA, BABAA



Declare Labels



Stainability Report



## Terms & Conditions

Terms & Conditions



Warranty



LED  $L_{70}$  Lifetime

