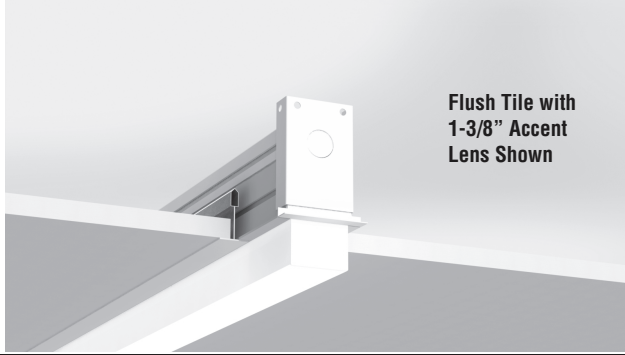


# Microlinea™ Recessed Series 2 - with Accent/Drop Lens (1 7/8" Luminous Aperture)

Catalog Number	Type
Project Name	



Flush Tile with  
1-3/8" Accent  
Lens Shown



## S P E C I F I C A T I O N S

### Housing

Three piece extruded aluminum available in single sections up to 8' long. Standard flange finish is satin white.

### Optical Controls

- (ADL1) .090" thick, high transmittance extruded acrylic snap-in Accent Lens. Lens extends 3/8" below ceiling line.
- (ADL2) .090" thick, high transmittance extruded acrylic snap-in Accent Lens. Lens extends 1-3/8" below ceiling line.

### Reflector/Heat Sink

.040" thick die-formed aluminum finished with a high reflectance white enamel.

### Integral Controls

Contact factory for daylight and/or occupancy sensor controls.

### Circuitry

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

### Driver (Standard)

Osram-Sylvania "Optotronic" power supply is UL/CUL recognized, 0-10V dimming available, 120-277 universal voltage. 347V is available.

### Light Engine (Standard)

LED light source available for 3000K, 3500K, and 4000K CCT, in high and medium light outputs and 80 or 90 CRI. Standard outputs at 80 CRI:

- HO** - High Output (w/ADL1 Accent/Drop Lens)  
\*2718 Total Delivered Lms. at 27 System Watts
- HO** - High Output (w/ADL2 Accent/Drop Lens)  
\*2748 Total Delivered Lms. at 27 System Watts
- MO** - Medium Output (w/ADL1 Accent/Drop Lens)  
\*1861 Total Delivered Lms. at 19 System Watts
- MO** - Medium Output (w/ADL2 Accent/Drop Lens)  
\*1877 Total Delivered Lms. at 19 System Watts
- CO** - Custom Outputs - (Contact Factory)  
(All Values are per 4' using 3500K LED modules)

### Driver (Tunable White)

EldoLED power supply is UL recognized, DALI 0-10V, or DMX available, 120-277 universal voltage.

### Light Engine (Tunable White)

Tunable White LED light source available for 2700K thru 6500K CCT, and 80 or 90 CRI. Contact factory for available outputs.

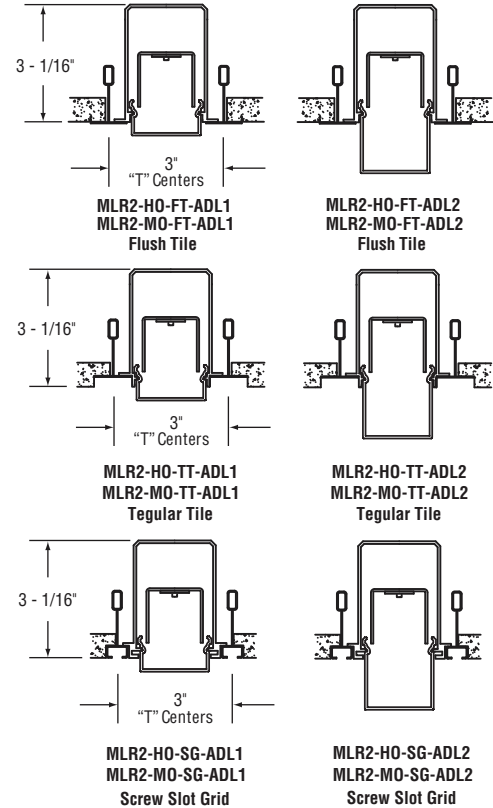
### Wiring

All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

### Certification

Fixtures are ETL listed for use in 'Dry or Damp Applications.' Conforms to UL Standard #1598 and to CAN/CSA #C22.2 No. 250.0

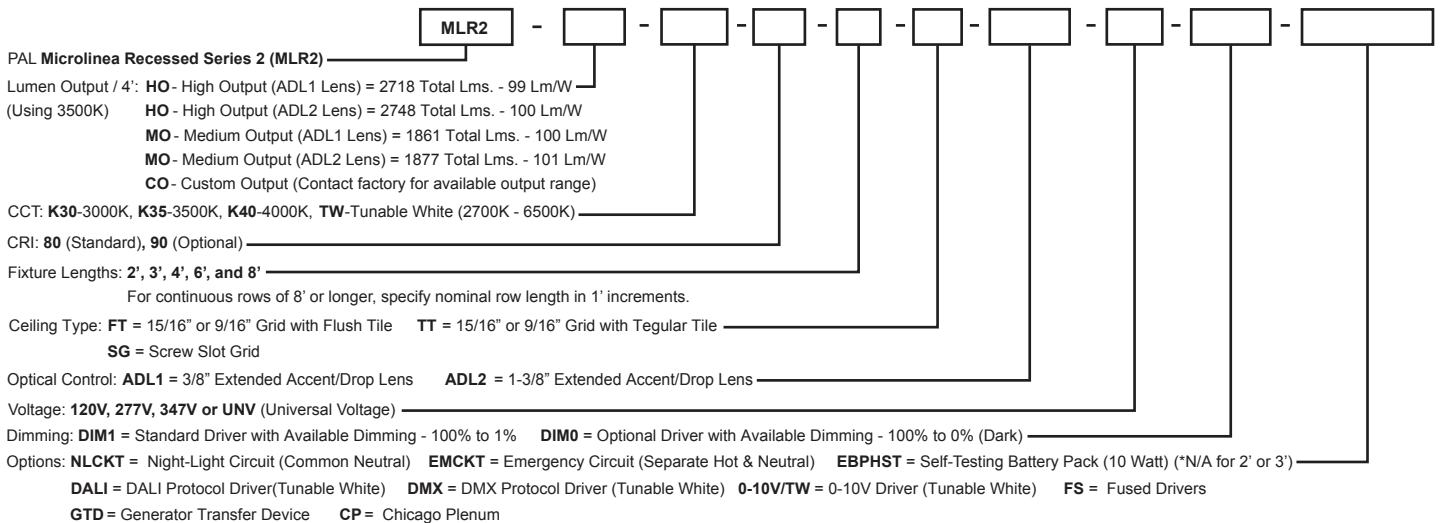
## Grid Ceilings



\*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

Sample Catalog Number:

**MLR2 - HO - K40 - 80 - 4 - FT - ADL1 - 120 - DIM1 - OPTIONS**



# Recessed - Accent/Drop Lenses

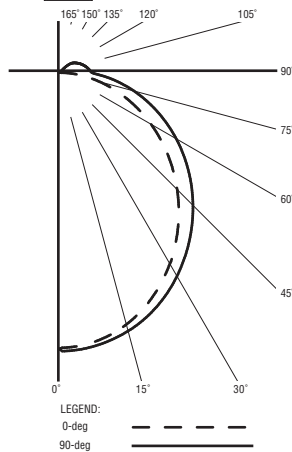
## MLR2-HO-K35-ADL1



### High Output

#### 3/8" Accent/Drop Lens

**Catalog Number:** MLR2-HO-K35-80-4'-X-ADL1-120  
**Report Number:** #LLIA001159-001.ies  
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Accent Lens  
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.  
 Total Luminaire Efficacy = 99.0 Lm/W  
 Color Rendering Index (CRI) = 83  
 7% Up 93% Down



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	651	24.0
0- 40	1059	39.0
0- 60	1874	69.0
0- 90	2531	93.1
90- 180	187	6.9
0- 180	2718	100.0

#### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0- 30	0	850	850	850	850
0- 40	5	841	841	844	848
0- 60	15	800	802	808	816
0- 90	25	725	730	743	756
90- 180	35	625	635	655	671
0- 180	45	511	527	552	572
	55	390	412	441	465
	65	267	293	327	353
	75	150	179	215	242
	85	47	78	112	137
	90	4	35	69	94

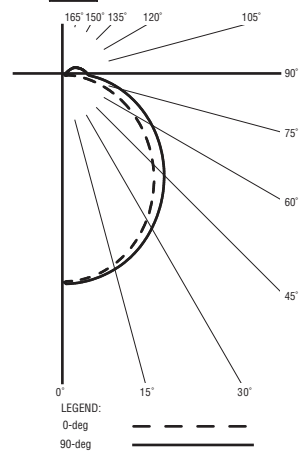
## MLR2-MO-K35-ADL1



### Medium Output

#### 3/8" Accent/Drop Lens

**Catalog Number:** MLR2-MO-K35-80-4'-X-ADL1-120  
**Report Number:** #LLIA001159-003.ies  
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Accent Lens  
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.  
 Total Luminaire Efficacy = 100.0 Lm/W  
 Color Rendering Index (CRI) = 83  
 7% Up 93% Down



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	446	24.0
0- 40	725	39.0
0- 60	1283	69.0
0- 90	1733	93.1
90- 180	128	6.9
0- 180	1861	100.0

#### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0- 30	0	582	582	582	582
0- 40	5	576	576	578	581
0- 60	15	548	549	553	558
0- 90	25	496	500	509	517
90- 180	35	428	435	448	459
0- 180	45	350	361	378	392
	55	267	282	302	318
	65	183	201	224	242
	75	103	123	147	166
	85	32	53	77	94
	90	3	24	47	64

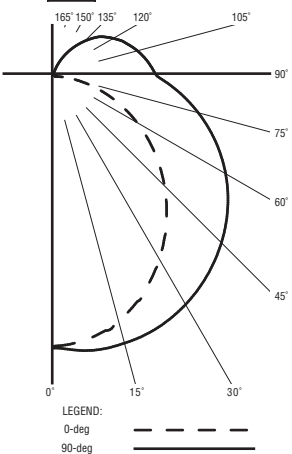
## MLR2-HO-K35-ADL2



### High Output

#### 1-3/8" Accent/Drop Lens

**Catalog Number:** MLR2-HO-K35-80-4'-X-ADL2-120  
**Report Number:** #LLIA001159-004.ies  
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Accent Lens  
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.  
 Total Luminaire Efficacy = 100.3 Lm/W  
 Color Rendering Index (CRI) = 84  
 19% Up 81% Down



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	474	17.2
0- 40	789	28.7
0- 60	1475	53.6
0- 90	2222	80.9
90- 180	526	19.1
0- 180	2748	100.0

#### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0- 30	0	588	588	588	588
0- 40	5	581	584	589	595
0- 60	15	552	569	582	595
0- 90	25	499	523	553	578
90- 180	35	429	464	510	545
0- 180	45	350	397	455	500
	55	268	325	393	455
	65	185	249	324	381
	75	105	174	253	310
	85	36	107	184	239
	90	9	80	154	208

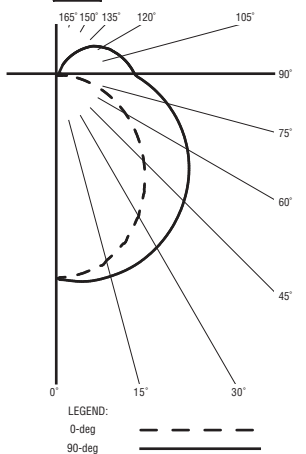
## MLR2-MO-K35-ADL2



### Medium Output

#### 1-3/8" Accent/Drop Lens

**Catalog Number:** MLR2-MO-K35-80-4'-X-ADL2-120  
**Report Number:** #LLIA001159-005.ies  
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Accent Lens  
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.  
 Total Luminaire Efficacy = 101.4 Lm/W  
 Color Rendering Index (CRI) = 84  
 19% Up 81% Down



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	324	17.3
0- 40	539	28.8
0- 60	1009	53.9
0- 90	1519	80.9
90- 180	358	19.1
0- 180	1877	100.0

#### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0- 30	0	402	402	402	402
0- 40	5	398	399	403	407
0- 60	15	378	389	398	407
0- 90	25	341	358	378	395
90- 180	35	293	317	348	373
0- 180	45	239	272	311	342
	55	183	222	268	304
	65	126	170	222	260
	75	71	119	173	212
	85	25	73	126	163
	90	7	54	106	142

For more information, visit our website at [www.pal-lighting.com](http://www.pal-lighting.com)



Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017  
 Tel 713.946.4343 Fax 713.946.4441 [www.pal-lighting.com](http://www.pal-lighting.com)



Made in America