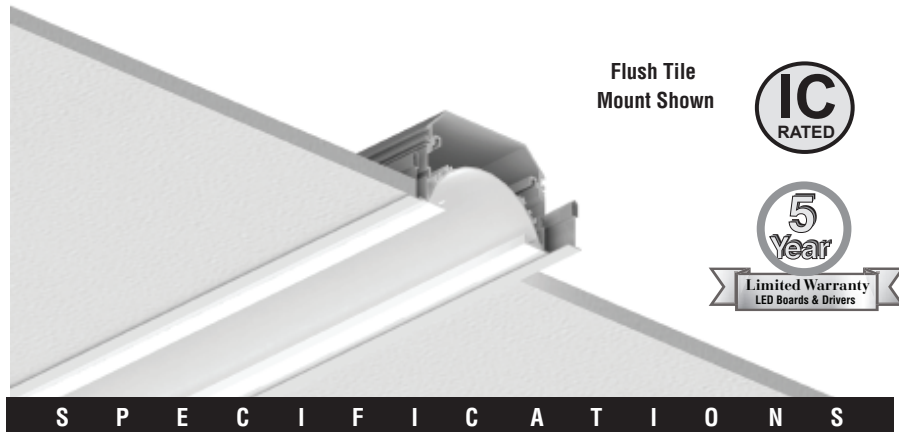


Arcata™ Recessed Series 5 - Asymmetric

Catalog Number	Type
Project Name	



Flush Tile Mount Shown



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

Housing

Three-piece .090" thick extruded aluminum available in single sections up to 8' long in 1' increments. Continuous rows are available. Visible flange finish is satin white enamel.

Optical Controls - (Standard)

- Minimum 96% reflective matte white film installed into the curved reflector - conforming to its shape.
- Clear acrylic snap-in lenses cover the LED modules for easy wipe-down cleaning.

Reflector/Heat Sink

.065" thick extruded aluminum reflector assembly. Snaps-in to fixture housing and is removable from below for driver/wire-way access.

Driver

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

Integral Controls

Contact factory for daylight and/or occupancy sensor controls.

Note: LED drivers are factory programmed. Custom lumen outputs are available at no additional charge. Consult factory.

Light Engine

LED light source available standard for 3000K, 3500K, and 4000KCCT, in Very High, High and Medium outputs. 80 or 90 CRI is available. Standard outputs at 80 CRI:

- VHO** - Very High Output
*396 Total Delivered Lms/Ft and 3.85 Watts/Ft
 - HO** - High Output
*299 Total Delivered Lms/Ft and 2.93 Watts/Ft
 - MO** - Medium Output
*200 Total Delivered Lms/Ft and 2.03 Watts/Ft
 - CO** - Custom Output - 935 Lms/Ft - MAX (Contact factory)
- (Values using 4000K LED modules)

Circuitry

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

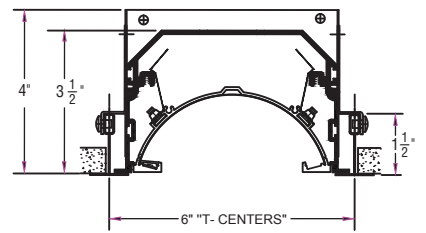
Wiring

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

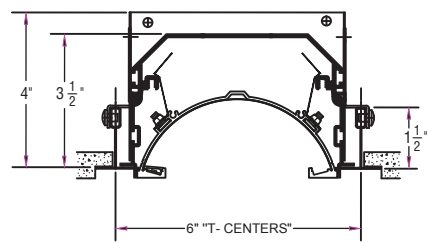
Certification

Fixtures are ETL listed for use in 'Dry or Damp Applications'. Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0. IC rated - (Insulation Contact)

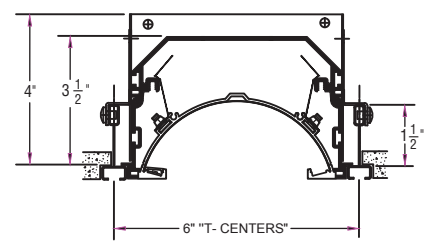
Grid Ceilings - Asymmetric Distribution



ARR5ASY - FLUSH TILE



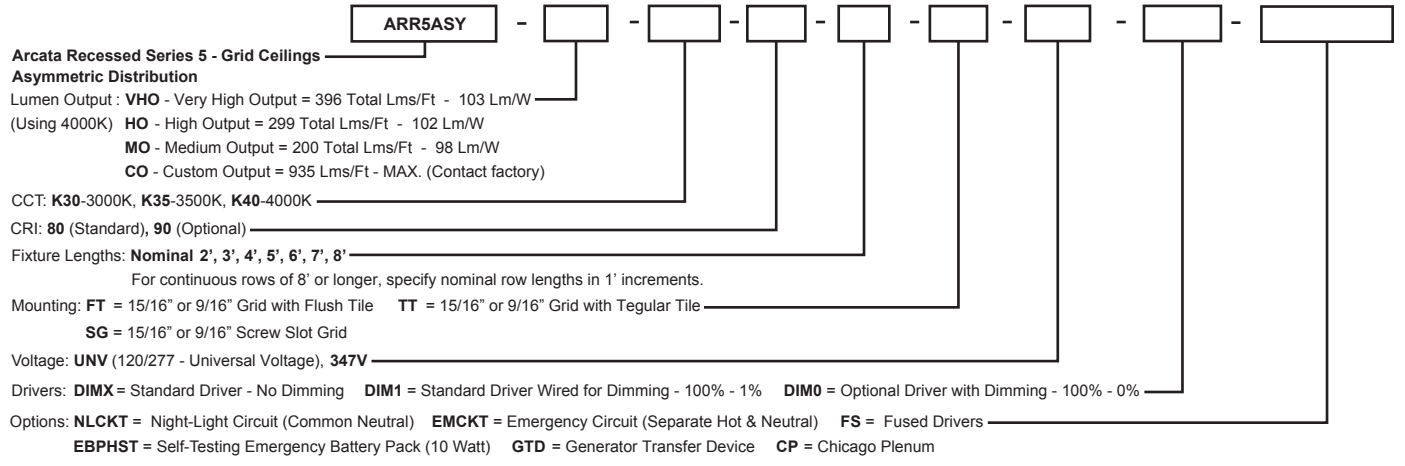
ARR5ASY - TEGULAR TILE



ARR5ASY - SCREW SLOT GRID

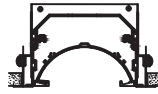
*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

Sample Catalog Number: **ARR5ASY - HO - K40 - 80 - 4 - FT - UNV - DIM1 - OPTIONS**



Arcata Recessed Asymmetric - Grid

ARR5ASY-VHO-K40-80



Very High Output - Asymmetric Distribution

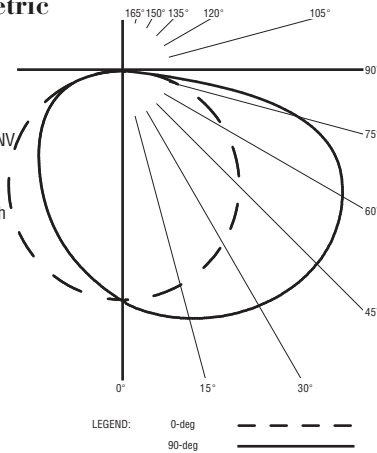
Extruded Alum. Reflector with High Reflectance Film Insert

Catalog Number: ARR5ASY-VHO-K40-80-4'-XX-UNV/
Report Number: #LLIA001607-001.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and High Reflectance Film Insert.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 102.8 Lm/W
 0% Up 100% Down
 Input Power / 4': 15.42 W
 Color Rendering Index (CRI) = 83



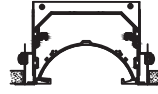
ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	341	21.5
0- 40	572	36.1
0- 60	1095	69.0
0- 90	1585	100.0
90- 180	0	0.0
0- 180	1585	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	429	429	429	429	429
5	451	447	441	434	426
15	479	472	456	436	413
25	500	488	461	425	388
35	511	495	455	403	352
45	510	491	439	370	305
55	490	469	413	328	248
65	447	427	368	278	183
75	340	333	298	215	111
85	12	12	44	105	36
90	0	0	0	0	0

ARR5ASY-HO-K40-80



High Output - Asymmetric Distribution

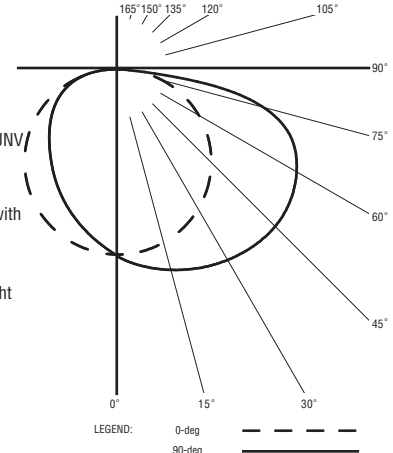
Extruded Alum. Reflector with High Reflectance Film Insert

Catalog Number: ARR5ASY-HO-K40-80-4'-XX-UNV/
Report Number: #LLIA001607-002.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and High Reflectance Film Insert.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 101.9 Lm/W
 0% Up 100% Down
 Input Power / 4': 11.72 W
 Color Rendering Index (CRI) = 83



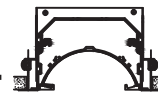
ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	256	21.5
0- 40	430	36.0
0- 60	822	68.9
0- 90	1194	100.0
90- 180	0	0.0
0- 180	1194	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	322	322	322	322	322
5	338	336	331	326	320
15	360	354	342	327	310
25	375	367	346	319	291
35	384	372	342	303	264
45	384	370	331	278	228
55	370	355	311	247	186
65	339	323	278	209	137
75	263	256	227	163	83
85	10	10	46	83	27
90	0	0	0	0	0

ARR5ASY-MO-K40-80



Medium Output - Asymmetric Distribution

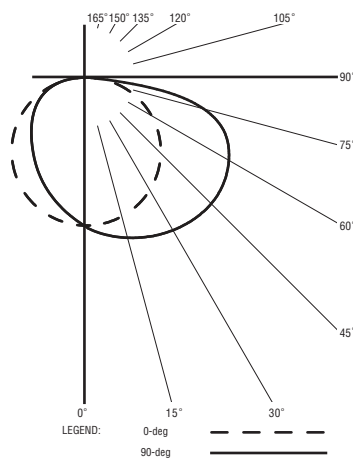
Extruded Alum. Reflector with High Reflectance Film Insert

Catalog Number: ARR5ASY-MO-K40-80-4'-W-UNV/
Report Number: #LLIA001607-003.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and High Reflectance Film Insert.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 98.2 Lm/W
 0% Up 100% Down
 Input Power / 4': 8.12 W
 Color Rendering Index (CRI) = 83



ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	171	21.5
0- 40	287	36.0
0- 60	549	68.9
0- 90	798	100.0
90- 180	0	0.0
0- 180	798	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	215	215	215	215	215
5	226	224	221	218	214
15	240	237	229	219	207
25	251	245	231	213	195
35	257	249	228	202	176
45	257	247	221	186	152
55	247	237	208	165	124
65	226	216	186	140	92
75	176	171	152	109	56
85	7	7	30	55	18
90	0	0	0	0	0

For more information, visit our website at 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



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