

Arcata™ Recessed Series 5 - Symmetric

Catalog Number	Type
Project Name	



1/2" or 5/8" Drywall Ceilings - Symmetric Distribution

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
*805 Total Delivered Lms/Ft and 7.5 Watts/Ft
- HO** - High Output
*589 Total Delivered Lms/Ft and 5.5 Watts/Ft
- MO** - Medium Output
*396 Total Delivered Lms/Ft and 3.75 Watts/Ft
- CO** - Custom Output - 1875 Lms/Ft - MAX. (Consult factory)
(Values using 4000K LED modules)

Circuitry

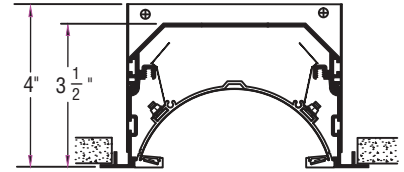
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Wiring

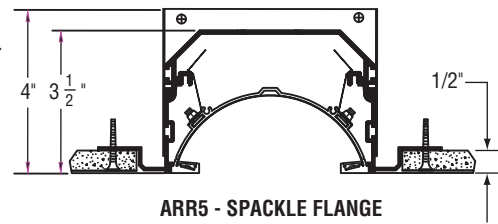
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Certification

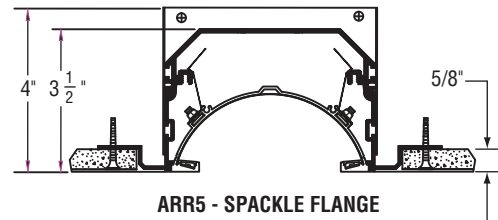
Fixtures are ETL listed for use in 'Dry or Damp Applications'. Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0. IC Rated - (Insulation Contact)



ARR5 - OVERLAP FLANGE



ARR5 - SPACKLE FLANGE - 1/2" DRYWALL



ARR5 - SPACKLE FLANGE - 5/8" DRYWALL

*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: **ARR5 - HO - K40 - 80 - 4 - OF - YK - UNV - DIM1 - OPTIONS**

Arcata Recessed Series 5 Drywall Ceilings - Symmetric Distribution

Lumen Outputs: **VHO** - Very High Output = 805 Total Lms/Ft - 107 Lm/W (Using 4000K) **HO** - High Output = 589 Total Lms/Ft - 108 Lm/W **MO** - Medium Output = 396 Total Lms/Ft - 104 Lm/W **CO** - Custom Output - 1875 Lms/Ft - MAX. (Contact factory)

CCT: **K30**-3000K, **K35**-3500K, **K40**-4000K

CRI: **80** (Standard), **90** (Optional)

Fixture Lengths: **Nominal 2', 3', 4', 5', 6', 7', 8'**

For continuous rows of 8' or longer, specify nominal row length in 1' increments.

Ceiling Type: **OF** = Drywall Overlap Flange **SF1** = Spackle Flange w/ 1/2" Drywall **SF2** = Spackle Flange w/ 5/8" Drywall

Mounting: **TR** = 1/4-20 Threaded Rod (By Others) - (OF) **YK** = Snap-in Yoke - (OF) **AC** = Adjust. Aircraft Cable Assy. - (OF) **TR** = 1/4-20 Threaded Rod (By Others) - (SF) **YK** = Adjustable Yoke - (SF)

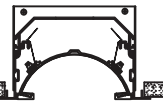
Voltage: **120V, 277V, 347V** or **UNV** (Universal Voltage)

Drivers: **DIMX** = Standard Driver - No Dimming **DIM1** = Standard Driver Wired for Dimming - 100% - 1% **DIM0** = Optional Driver with Dimming - 100% - 0%

Options: **NLCKT** = Night-Light Circuit (Common Neutral) **EMCKT** = Emergency Circuit (Separate Hot & Neutral) **FS** = Fused Drivers **EBPHST** = Self-Testing Emergency Battery Pack (10 Watt) **GTD** = Generator Transfer Device **CP** = Chicago Plenum

Arcata Recessed Symmetric - Drywall

ARR5-VHO-K40-80



Very High Output - Symmetric Distribution

Extruded Aluminum Reflector with High Reflectance Film Insert

Catalog Number: ARR5-VHO-K40-80-4'-XX-UNV

Report Number: #LLIA001570-002.ies

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

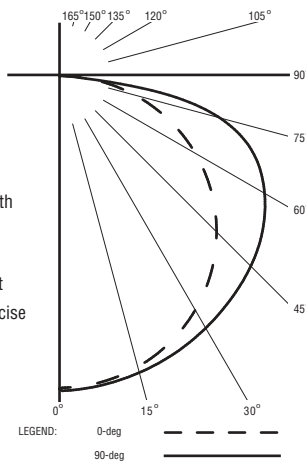
LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 107.3 Lm/W

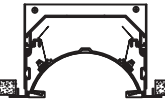
0% Up 100% Down

Input Power / 4': 30.00 W

Color Rendering Index (CRI) = 83



ARR5-HO-K40-80



High Output - Symmetric Distribution

Extruded Aluminum Reflector with High Reflectance Film Insert

Catalog Number: ARR5-HO-K40-80-4'-XX-UNV

Report Number: #LLIA001570-003.ies

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

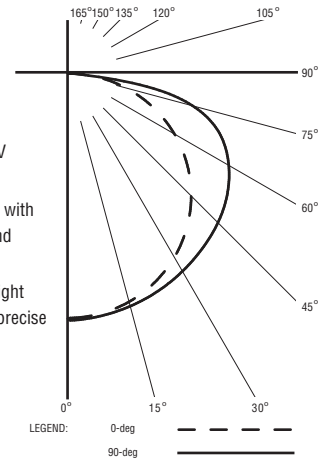
LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 107.7 Lm/W

0% Up 100% Down

Input Power / 4': 21.89 W

Color Rendering Index (CRI) = 83



ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	687	21.4
0- 40	1153	35.9
0- 60	2211	68.7
0- 90	3219	100.0
90- 180	0	0.0
0- 180	3219	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	864	864	864	864	864
5	858	858	859	862	865
15	832	832	836	843	848
25	782	783	797	813	822
35	708	715	742	772	786
45	613	628	676	725	745
55	499	527	603	666	690
65	368	418	516	586	610
75	224	304	405	451	464
85	72	147	98	55	53
90	0	0	0	0	0

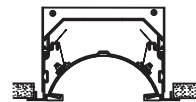
ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	503	21.4
0- 40	845	35.9
0- 60	1620	68.8
0- 90	2357	100.0
90- 180	0	0.0
0- 180	2357	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	633	633	633	633	633
5	628	628	629	631	634
15	609	609	612	618	621
25	572	574	583	595	602
35	518	523	544	566	576
45	449	460	495	531	546
55	365	386	441	488	505
65	269	306	378	429	447
75	164	223	296	330	339
85	53	108	72	40	39
90	0	0	0	0	0

ARR5-MO-K40-80



Medium Output - Symmetric Distribution

Extruded Aluminum Reflector with High Reflectance Film Insert

Catalog Number: ARR5-MO-K40-80-4'-XX-UNV

Report Number: #LLIA001570-004.ies

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

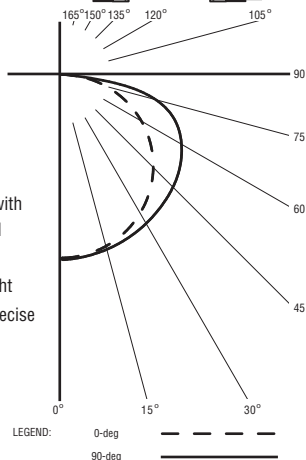
LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 103.8 Lm/W

0% Up 100% Down

Input Power / 4': 15.24 W

Color Rendering Index (CRI) = 84



ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	338	21.4
0- 40	567	35.9
0- 60	1087	68.7
0- 90	1582	100.0
90- 180	0	0.0
0- 180	1582	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	424	424	424	424	424
5	422	421	422	423	425
15	409	409	411	414	417
25	384	385	391	399	404
35	348	351	365	379	386
45	301	309	332	356	366
55	245	259	296	327	339
65	181	205	254	288	300
75	110	149	199	222	227
85	36	72	48	27	26
90	0	0	0	0	0

For more information, visit our website at www.pal-lighting.com



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