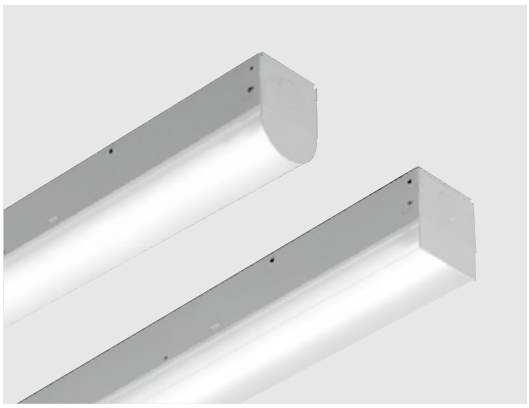
AC 75R / S Strip

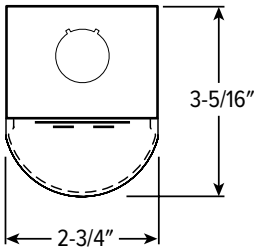
AGILE-CORE®
Distributed Edge Architecture

PROJECT:	QTY:
TYPE:	CATALOG:

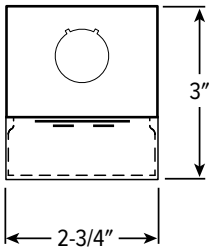
SPECIFICATIONS:

Housing	22-gauge die-formed C.R.S.
Shielding	Diffuse acrylic lens. Frosted polycarbonate available for 75R.
Finish	White polyester powder coat. Painted after fabrication.
Electrical	High-quality mid power LED board.
Mounting	Surface (ceiling or wall) or suspended (hanging hardware required)
Listings	• cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations. • Complies with the Buy American Act and other federal regulations.
Warranty	5-year limited warranty





75R Shown



75S Shown

FEATURES:

- Maximum energy savings with efficacies up to 203 lm/W
- No in-luminaire drivers extending fixture life, using less materials and lowering costs
- Daisy chain multiple fixtures per home run
- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Row applications produce continuous light with minimal interruption between fixtures
- Made in the USA

CERTIFICATIONS

Intertek · BAA · MADE IN USA · BABA · RoHS · TAA Compliant

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AC 75R / S Strip

AGILE-CORE®
Distributed Edge Architecture

ORDERING GUIDE:

Example Catalog # AC 75R 4 P77/835 FL VBY ACF/D48

Family	Length	Lumens	/ CRI	CCT	Pwr/Control	Options
AC 75R Round Lens **AC 75S** Square Lens	**2** 2’ **4** 4’ **8** 8’	2’ **P20 1,994lm** **P39 3,853lm** **P57 5,640lm** 4’ **P40 3,987lm** **P77 7,705lm** **P113 11,279lm** 8’ **P80 7,975lm** **P117 11,724lm** **P226 22,560lm**	**8** 80 **9** 90	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K **TW** 3000-5000K **TW2** 2700-6500K	**FL** flying leads AGILE-CORE™ ready	**WG-75** 11-gauge white powder coat wireguard * **315** 1-1/2” ceiling spacer **VBY** (2) Y-hangers **VBY-2** (2) Y-hangers and (2) 2’ chains **RA-75** Row aligner ** **45AMB** (2) 45 degree adjustable mounting brackets ***

AIRCRAFT CABLES

Example: ACF/D48****

Prefix	Type	Length
ACF/ Feeder **ACJ/** Joiner	**D** 1” grid & hardpan **N** 9/16” grid **S** Slot grid	**24** 24” **48** 48” **96** 96”

* Ships separately, field-installed. Not available with special reflectors.
** Required when row mounting with aircraft cables.
*** Field-adjustable up and downin 7-1/2” increments.
**** Requires RA-75 row aligner. Must specify low-voltage cord.

SINCLAIR® DIGITAL

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

PERFORMANCE TABLE

AC 75R/S @ 80CRI, 3500K

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	Control	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2’	P20	1994	9.8	203	sold separately	1	37	260
	P39	3853	19.8	195		1	38	520
	P57	5640	30	188		1	39	776
4’	P40	3987	19.7	202		1	37	537
	P77	7705	39.6	195		2	38	527
	P113	11279	60	188		1	39	1552
8’	P80	7975	39.3	203		2	38	527
	P117	11724	59.1	198		1	39	1552
	P226	22560	118.8	190		2	39	1552

AC 75S TUNABLE WHITE

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	Control	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2’	P20	2057	9.8	210	sold separately	2	37	260
	P39	3974	19.8	201		2	38	520
	P57	5817	30	194		2	39	776
4’	P40	4112	19.7	209		2	37	537
	P77	7947	39.6	201		4	38	527
	P113	11633	60	194		2	39	1552
8’	P80	8225	39.3	209		4	38	527
	P117	12092	59.1	205		2	39	1552
	P226	23268	118.8	196		4	39	1552

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AC 75R / S Strip

AGILE-CORE®
Distributed Edge Architecture

MULTIPLIER TABLE - 80 CRI

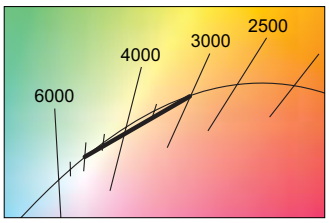
Color Temperature			
CCT	Standard	TW	TW2
2700K	0.97	-	0.93
3000K	0.99	0.95	0.95
3500K	1.00	0.98	0.98
4000K	1.03	1.00	1.00
5000K	1.06	0.96	1.02
6500K	-	-	1.01

MULTIPLIER TABLE - 90 CRI

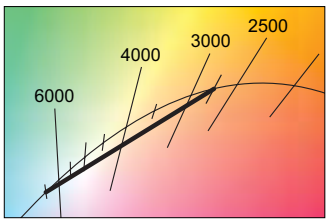
Color Temperature			
CCT	Standard	TW	TW2
2700K	0.80	-	0.93
3000K	0.82	0.91	0.95
3500K	0.83	0.96	0.98
4000K	0.86	1.00	1.00
5000K	0.89	1.03	1.03
6500K	-	-	1.02

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI, 3500K CCT static white, 4000K CCT tunable white, and 25°C ambient temperature. Actual performance may vary +/-5%.
- Use multiplier table to calculate additional options.

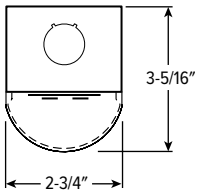
TW



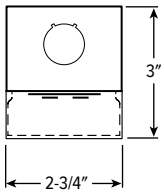
TW2



FIXTURE DETAILS

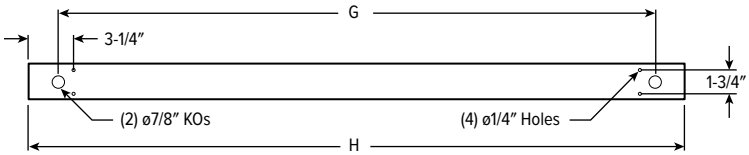


75R Shown



75S Shown

BACKVIEW



SINCLAIR DIGITAL

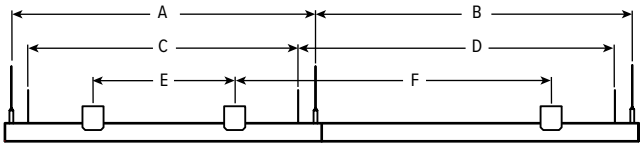
©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AC 75R / S Strip

AGILE-CORE®
Distributed Edge Architecture

MOUNTING DETAILS

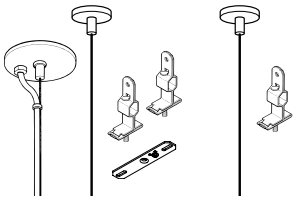
STAND ALONE SUBSEQUENT



MOUNTING LENGTH

	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
2′	21-1/2″	22-1/2″	19″	22-1/2″	10″	22-1/2″
4′	43-5/8″	44-5/8″	41-1/4″	44-5/8″	32″	44-5/8″
8′	88-3/16″	89-1/4″	85″	89-1/4″	77″	89-1/4″

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Feeder/Stand-Alone Joiner

Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Power is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row. One power drop per node required.

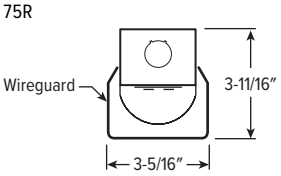
LOW-VOLTAGE CORD OPTIONS

Must specify low-voltage cord when cable mounting.

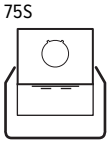
ORDERING EXAMPLE: P24/W		
CORD TYPE	LENGTH	COLOR
P PoE	**24** 24″ **48** 48″ **96** 96″	**/W** White **/B** Black

WG-75

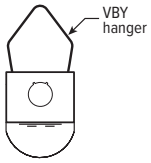
75R



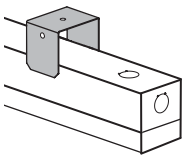
75S



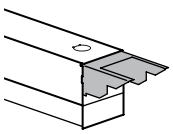
VBY



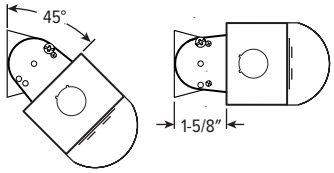
315



RA-75

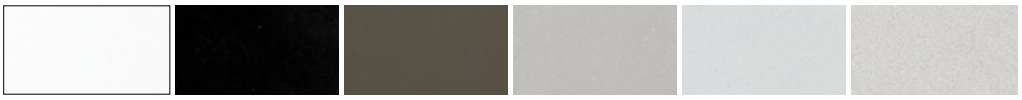


45AMB



FINISH OPTIONS

WHITE BLACK BRONZE NICKEL SILVER ALUM

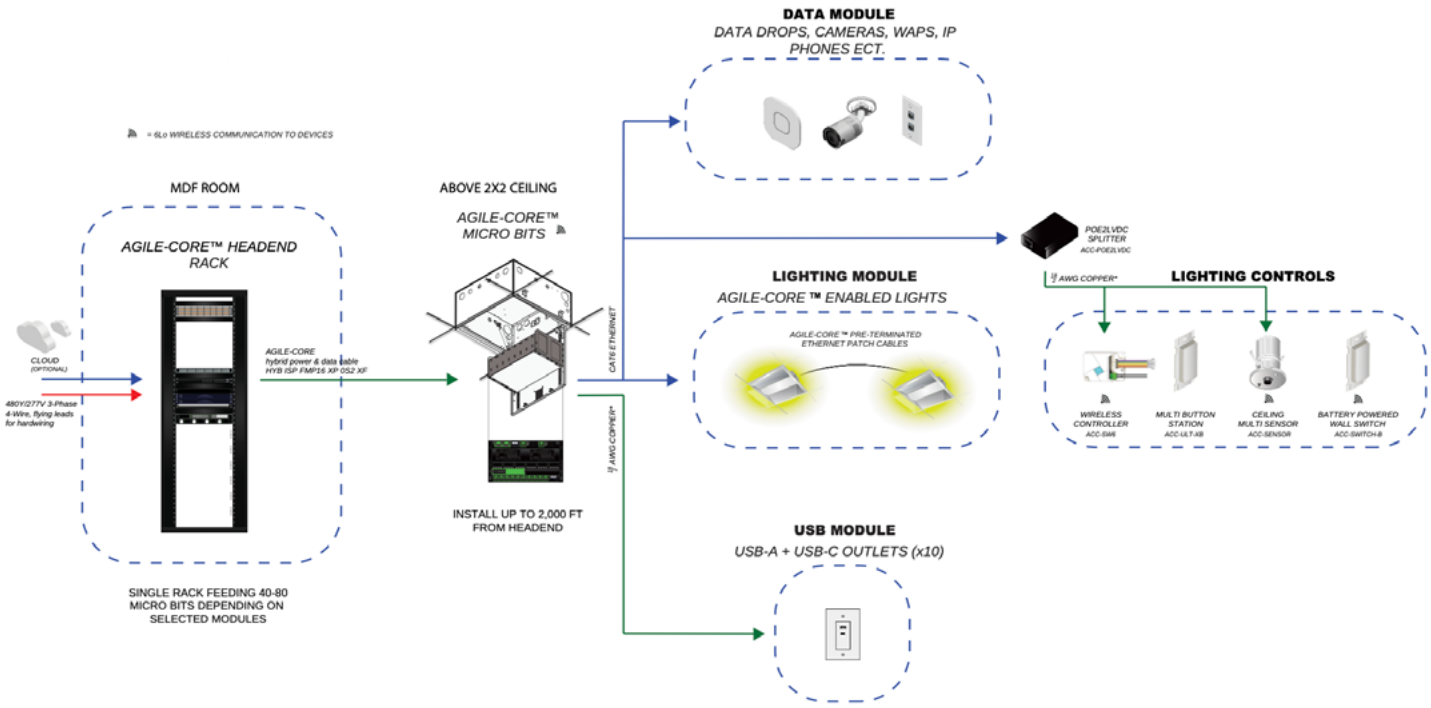


For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1″ square.

SINCLAIR DIGITAL

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AGILE-CORE POWER DISTRIBUTION AND CONTROL SYSTEM



SINCLAIR DIGITAL

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26