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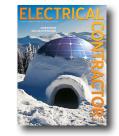
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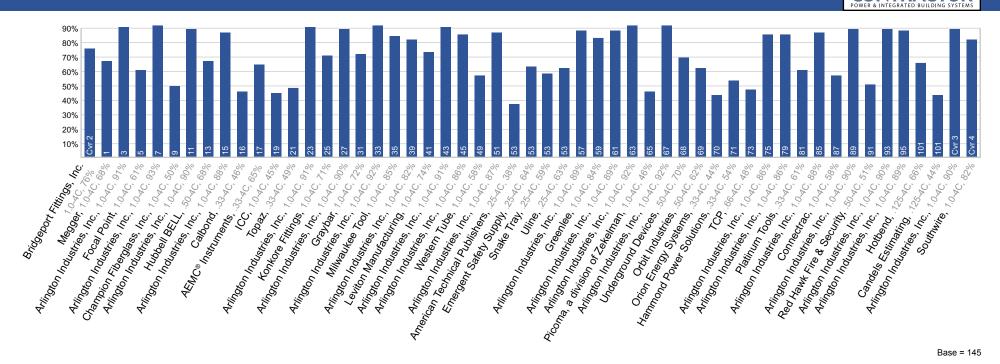
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September 2019

Independent Ad Performance News: Advertising Exposure Audience Engagement and Involvement Preliminary and Active Buying Actions

Executive Summary: Ad Traffic by Page Number



Top-performing ads based on audience exposure, engagement and involvement

Recall Seeing Ad Audience Exposure 5.0	Total Recall Seeing	Ad Influence Audience Engagement 6.0	Total Recall Seeing	Total Ad Influence	Buying Action Audience Involvement 7.0	Total Recall Seeing	One or More Buying Actions
Arlington Industries, Inc.	93%	Arlington Industries, Inc.	92%	99%	Arlington Industries, Inc.	91%	82%
Arlington Industries, Inc.	92%	Arlington Industries, Inc.	91%	99%	Arlington Industries, Inc.	90%	82%
Arlington Industries, Inc.	92%	Arlington Industries, Inc.	90%	99%	Arlington Industries, Inc.	93%	81%
Arlington Industries, Inc.	92%	Arlington Industries, Inc.	90%	99%	Arlington Industries, Inc.	89%	79%
Arlington Industries, Inc.	91%	Arlington Industries, Inc.	86%	99%	Arlington Industries, Inc.	86%	79%
Arlington Industries, Inc.	91%	Milwaukee Tool	85%	99%	Arlington Industries, Inc.	92%	78%
Arlington Industries, Inc.	91%	Greenlee	84%	99%	Arlington Industries, Inc.	91%	78%
Arlington Industries, Inc.	90%	Konkore Fittings	71%	99%	Arlington Industries, Inc.	89%	78%
Arlington Industries, Inc.	90%	Uline	63%	99%	Arlington Industries, Inc.	92%	77%
Arlington Industries, Inc.	90%	Orbit Industries	62%	99%	Arlington Industries, Inc.	90%	77%

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Definitions of Scores



mediaViewProTM Independent Ad Campaign Analytics

Total Ad Recall - Audience Exposure

- Recall Seeing Respondents who recalled seeing an item; total exposure. Shows the ability of an item to attract reader attention.
- Read Some Respondents who, seeing an item, were sufficiently engaged to be drawn into the copy by the headline, layout or content.
- Read Most Respondents who, after beginning to read an item, were interested enough to read most of it.

Total Ad Influence - Audience Engagement

Total Ad Influence scores are based on the percentage of respondents who, after seeing an ad, indicated how it influenced them:

- Make Ad-Brand Connection Those respondents who, after seeing an ad, were able to associate the ad with a company or brand.
- · Like the Ad Respondents who report finding an ad appealing.
- More Favorable Opinion Respondents who, after seeing an ad, developed a more positive opinion of the advertised product or service.
- Newly Aware Those respondents who, prior to seeing an ad, were not familiar with the advertised item and are now newly aware of it.

NOTE: Percentage totals may not equal 100, due to rounding.

Total Buying Actions - Audience Involvement

One or More Buying Actions, or Audience Involvement, represents the percentage of respondents who, after reporting they recalled the ad, also indicate how the ad further influenced their buying actions. These audience members saw an ad and indicated that they, or someone in their organization, either has, or is likely to:

- Save the Ad Respondents who indicate interest in an advertised item by either saving an ad for future reference, or are likely do so in the future.
- Discuss the Advertised Product Those respondents who report they are likely to discuss, or have discussed, an advertised item with a colleague.
- Visit Ad's Website Respondents who report they would likely access, or have already accessed, an advertiser's website after seeing an ad.
- Contact Salesperson Respondents who report they would likely contact, or have contacted, a salesperson in response to an advertised product or service.
- Try Product/Service Those respondents who report they would try, or had already tried, an advertised product or service.
- Consider Purchase Those respondents who have considered purchasing a product, or are likely to consider purchasing in the future.
- Recommend or Specify Respondents who have, or are likely to, recommend or specify a product or service.
- Purchase Respondents who have either actively purchased, or are likely to purchase, a product/service after seeing an advertisement.

Editorial



Recall Scores by Page Number		Page Number	Recall Seeing	Read Some	Read Most
<figure></figure>	SAFETY: U.S. lags behind global HazCom standard ESTIMATING: A California change-up CODE FAQS: Objectionable current, new NEC Solar of the north ARC FLASH SAFETY: Preparing for possibilities LIGHTING: Midstream rebates Making the equipment tick: Smart inverters CODE INSIDER: Stay out of the headlines WORDS OF WISDOM: How do you find and retain good The doctor is in: Frey Electric and University at Buffalo's LEGAL: Do you delve or just look? SAFETY QUIZ: Look out below What's your beef?: ECs discuss industry challenges RESIDENTIAL: Ghosts and problems SERVICE/MAINTENANCE: Connecting contractors NEW PRODUCTS LAMPS CODE APPLICATIONS: Protecting people from ESD Utilities go in new directions: Underground report TECHNOLOGY: Reaping the benefits of solar CABLING QUIZ: Data center cabling update INTEGRATED SYSTEMS PRODUCTS FIRE/LIFE SAFETY: History in the making	Number 10 22 24 28 32 34 36 40 44 46 50 52 54 60 62 66 72 74 76 83 86 90 94	Seeing 59% 52% 88% 53% 88% 64% 46% 74% 68% 43% 48% 71% 55% 62% 66% 88% 70% 71% 53% 63% 52% 50% 55%	Some 63% 69% 78% 64% 80% 72% 70% 76% 76% 76% 76% 76% 79% 74% 78% 74% 78% 74% 70% 63% 66% 75%	Most 32% 47% 72% 41% 51% 41% 59% 50% 33% 41% 60% 45% 61% 53% 62% 48% 58% 35% 48% 39% 30% 46%
The first editorial item listed is found on page 10.	COOL TOOLS: Construction software CODE COMMENTS: Wire and protection changes	100 104	74% 81%	72% 84% В	57% 62% ase = 290

Definitions:

Recall Seeing is a percentage of the base number.

Read Some is a percentage of the "Recall Seeing" score.

Read Most is a percentage of the "Read Some" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



Editorial: Reading Habits



Readers comment on the magazine



I like to read about situations that are similar to situations I experience in the workplace; also ads for products and helpful techniques.

— Owner

When a customer comes in looking for an item that we never had before I remember that you guys had a solution in your magazine and I go right to it. It also keeps my head in the game as far as what's going on in our field. — Mgr.

It's a good resource for industry news and product evaluations. It's always nice to find a publication that specializes in your field. - President

Format preference Print 69% Print and digital 24% Digital 7% No response 0%		When readSame day the issue is received 16%Within three days	
	Base = 290		Base = 290
Time spent reading 45 minutes or more. 32% 30 - 44 minutes. 36% 15 - 29 minutes. 28% Less than 15 minutes. 4% No response. 0%	Base = 290	How often each issue is read 4 or more times. 40% 3 times 30% 2 times 24% 1 time 6% No response 0%	
	Base = 290	Describer of the lite	Base = 290
Respondents rate Electrical Contractor Personal favorite. 28% Very important 30% Important 30% Somewhat important 11% Not important 1%		Pass-along readership Respondents report that they pass along their issues of <i>Electrical Contractor</i> to a mean number of 1.4 other professionals.	1.4 Other People
No response 0%	Base = 290		Base = 29

Editorial: Reading Habits continued





Industry magazine readership Eighty-seven percent (87%) of respondents are regular readers of Electrical Contractor and report reading three or four of the four

I enjoy the publication for multiple reasons. One, it helps me keep up to date. Two, I appreciate the showcase of new products. Three, it provides me with valuable contacts for companies that I may wish to do business with. - Owner

[I] like seeing the advertisements for ideas of new products to use.

- Electrician

It's helpful to read about new products that are becoming available; also a good way to help keep up with changes in code.

— Genera

most recent issues.								
	Read 3 or 4 of 4	Read 4 of 4	Read 3 of 4	Read 2 of 4	Read 1 of 4	Receive & Don't Read	Do Not Receive	No Response
Electrical Contractor	87%	73%	14%	8%	5%	0%	0%	0%
EC&M	51%	39%	12%	8%	3%	1%	22%	15%
Cabling Installation & Maintenance	8%	6%	2%	1%	1%	2%	54%	34%
Security Dealer	5%	3%	2%	0%	1%	2%	57%	35%
Communications News	4%	3%	1%	1%	2%	2%	54%	37%
Security Magazine	4%	3%	1%	2%	2%	1%	54%	37%
								Base = 290

Note: This data defines known readers of Electrical Contractor. No attempt was made to use subscriber lists from the other publications listed above.



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Engagement Total Ad Influence	One or More
Boxes, conduit bodies & enclo							20,
Arlington Industries, Inc.	7	1.0-4C	93%	70%	60%	98%	81%
Arlington Industries, Inc.	63	1.0-4C	92%	65%	62%	98%	75%
Arlington Industries, Inc.	67	1.0-4C	92%	65%	55%	99%	77%
Arlington Industries, Inc.	33	1.0-4C	92%	61%	54%	95%	78%
Arlington Industries, Inc.	43	1.0-4C	91%	57%	62%	96%	76%
Arlington Industries, Inc.	Cvr 3	1.0-4C	90%	69%	63%	98%	82%
Arlington Industries, Inc.	11	1.0-4C	90%	64%	66%	99%	74%
Arlington Industries, Inc.	89	1.0-4C	90%	61%	55%	97%	76%
Arlington Industries, Inc.	95	1.0-4C	89%	64%	60%	97%	75%
Arlington Industries, Inc.	61	1.0-4C	89%	64%	56%	95%	78%
Arlington Industries, Inc.	57	1.0-4C	89%	64%	51%	96%	79%
Arlington Industries, Inc.	15	1.0-4C	88%	63%	58%	98%	72%
Arlington Industries, Inc.	85	1.0-4C	88%	61%	57%	95%	75%
Arlington Industries, Inc.	51	1.0-4C	87%	66%	54%	98%	74%
Arlington Industries, Inc.	79	1.0-4C	86%	59%	61%	96%	75%
Arlington Industries, Inc.	75	1.0-4C	86%	56%	48%	98%	69%
Arlington Industries, Inc.	39	1.0-4C	82%	59%	54%	98%	76%
Konkore Fittings	25	1.0-4C	71%	66%	30%	99%	71%
Underground Devices	68	.50-4C	70%	44%	26%	97%	63%
Hubbell BELL	13	.50-4C	68%	62%	33%	97%	67%
Orbit Industries	69	.50-4C	62%	52%	41%	99%	71%
Тораz	21	.33-4C	49%	53%	31%	96%	70%
Calbond	16	.33-4C	46%	43%	30%	97%	49%
Category averages:			82%	60%	51%	97%	73%
Contractor equipment							
Hotbend	101	.125-4C	66%	56%	38%	96%	56%
(continued)							Base = 145

Definitions:

Recall Seeing score is a percentage of the base number.

Read Some is a percentage of the "Recall Seeing" score.

Read Most is the percentage of the "Read Some" score.

Total Ad Influence is a percentage of the "Recall Seeing" score.

One or More Buying Actions is a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Total	Involvement One or More Buying Actions
Contractor equipment continued							
Uline	53	.25-4C	63%	52%	30%	99%	63%
Category averages:			65%	54%	34%	98%	60%
Contractor services (incl. rental &	mechanical)					
Candels Estimating	101	.125-4C	44%	41%	33%	88%	23%
Data comm equipment							
ICC	19	1.0-4C	45%	42%	26%	93%	57%
Electrical distributor (incl. low volt	.)						
Graybar	31	1.0-4C	72%	54%	31%	94%	58%
Uline	53	.25-4C	63%	52%	30%	99%	63%
Category averages:			68%	53%	31%	97%	61%
Energy management							
Leviton Manufacturing	41	1.0-4C	74%	73%	48%	98%	61%
Fasteners, hangers, clamps, supp	orts						
Arlington Industries, Inc.	39	1.0-4C	82%	59%	54%	98%	76%
Platinum Tools	81	.33-4C	61%	56%	38%	95%	60%
Category averages:			72%	58%	46%	97%	68%
Hand tools							
Hotbend	101	.125-4C	66%	56%	38%	96%	56%
Home automation							
Leviton Manufacturing	41	1.0-4C	74%	73%	48%	98%	61%
(continued)							Base = 145



			Exposure			Engagement	Involvemen
		Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Action
Lighting controls							
Leviton Manufacturing	41	1.0-4C	74%	73%	48%	98%	61%
Focal Point	5	1.0-4C	61%	57%	40%	94%	57%
Category averages:			68%	65%	44%	96%	59%
Lighting products/fixtures							
Focal Point	5	1.0-4C	61%	57%	40%	94%	57%
Тораz	21	.33-4C	49%	53%	31%	96%	70%
ТСР	73	.66-4C	48%	60%	28%	93%	65%
Orion Energy Systems	70	.33-4C	44%	41%	22%	93%	58%
Category averages:			51%	53%	30%	94%	63%
Meters/instru (test) power & low vo	olt.						
Megger	1	1.0-4C	68%	50%	38%	89%	64%
AEMC [®] Instruments	17	.33-4C	65%	55%	28%	95%	55%
Platinum Tools	81	.33-4C	61%	56%	38%	95%	60%
Category averages:			65%	54%	35%	93%	60%
Power tools							
Milwaukee Tool	35	1.0-4C	85%	64%	52%	99%	76%
Greenlee	59	1.0-4C	84%	68%	40%	99%	74%
Category averages:			85%	66%	46%	99%	75%
Raceway/cable tray/conduit							
Arlington Industries, Inc.	75	1.0-4C	86%	56%	48%	98%	69%
Snake Tray	53	.25-4C	59%	42%	32%	93%	52%
Western Tube, a division of	49	1.0-4C	58%	55%	34%	97%	70%
Zekelman Industries							
(continued)							Base = 145



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Total	Involvement One or More Buying Actions
Raceway/cable tray/conduit continued	- 0 -		J				., .
Connectrac	87	1.0-4C	58%	50%	28%	98%	59%
Champion Fiberglass, Inc.	9	1.0-4C	50%	48%	38%	96%	57%
Picoma, a division of Zekelman Industries	65	1.0-4C	46%	59%	37%	95%	65%
Calbond	16	.33-4C	46%	43%	30%	97%	49%
Category averages:			58%	50%	35%	96%	60%
Safety equipment/apparel							
Emergent Safety Supply	53	.25-4C	64%	56%	28%	96%	61%
Security products & systems							
Red Hawk Fire & Security	91	.50-4C	51%	49%	28%	96%	53%
Training/Safety organization							
American Technical Publishers	53	.25-4C	38%	45%	35%	94%	68%
Transformers							
Hammond Power Solutions	71	.33-4C	54%	52%	36%	97%	56%
Wire & cable							
Southwire	Cvr 4	1.0-4C	82%	62%	35%	96%	76%
Wire & cable connectors/terminators							
Arlington Industries, Inc.	7	1.0-4C	93%	70%	60%	98%	81%
Arlington Industries, Inc.	3	1.0-4C	91%	70%	58%	99%	82%
Arlington Industries, Inc.	23	1.0-4C	91%	66%	53%	97%	78%
Arlington Industries, Inc.	27	1.0-4C	90%	67%	55%	95%	77%
Arlington Industries, Inc.	93	1.0-4C	90%	67%	50%	99%	77%
Arlington Industries, Inc.	45	1.0-4C	86%	70%	57%	99%	79%
(continued)							Base = 145



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Total	Involvement One or More Buying Actions
Wire & cable connectors/termina	ators continued						
Greenlee	59	1.0-4C	84%	68%	40%	99%	74%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	76%	63%	46%	98%	75%
ICC	19	1.0-4C	45%	42%	26%	93%	57%
Category averages:			83%	65%	49%	97%	76%
Wire & cable management							
Arlington Industries, Inc.	67	1.0-4C	92%	65%	55%	99%	77%
Arlington Industries, Inc.	3	1.0-4C	91%	70%	58%	99%	82%
Arlington Industries, Inc.	23	1.0-4C	91%	66%	53%	97%	78%
Arlington Industries, Inc.	27	1.0-4C	90%	67%	55%	95%	77%
Arlington Industries, Inc.	93	1.0-4C	90%	67%	50%	99%	77%
Arlington Industries, Inc.	57	1.0-4C	89%	64%	51%	96%	79%
Arlington Industries, Inc.	45	1.0-4C	86%	70%	57%	99%	79%
Southwire	Cvr 4	1.0-4C	82%	62%	35%	96%	76%
Connectrac	87	1.0-4C	58%	50%	28%	98%	59%
Champion Fiberglass, Inc.	9	1.0-4C	50%	48%	38%	96%	57%
Category averages:			82%	63%	48%	97%	74%
Wiring devices							
Underground Devices	68	.50-4C	70%	44%	26%	97%	63%
							Base = 145



	Page	Size & Color	<i>Exposure</i> Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Boxes, conduit bodies & e	enclosures							
Arlington Industries, Inc.	67	1.0-4C	92%	99%	89%	93%	77%	85%
Arlington Industries, Inc.	11	1.0-4C	90%	99%	85%	94%	77%	80%
Konkore Fittings	25	1.0-4C	71%	99%	48%	86%	66%	47%
Orbit Industries	69	.50-4C	62%	99%	49%	84%	77%	43%
Arlington Industries, Inc.	7	1.0-4C	93%	98%	83%	97%	80%	86%
Arlington Industries, Inc.	63	1.0-4C	92%	98%	85%	93%	79%	85%
Arlington Industries, Inc.	Cvr 3	1.0-4C	90%	98%	80%	96%	83%	66%
Arlington Industries, Inc.	15	1.0-4C	88%	98%	85%	93%	78%	81%
Arlington Industries, Inc.	51	1.0-4C	87%	98%	87%	94%	79%	84%
Arlington Industries, Inc.	75	1.0-4C	86%	98%	80%	90%	78%	64%
Arlington Industries, Inc.	39	1.0-4C	82%	98%	75%	93%	76%	74%
Arlington Industries, Inc.	89	1.0-4C	90%	97%	84%	90%	75%	83%
Arlington Industries, Inc.	95	1.0-4C	89%	97%	83%	92%	75%	66%
Underground Devices	68	.50-4C	70%	97%	47%	86%	60%	52%
Hubbell BELL	13	.50-4C	68%	97%	58%	84%	70%	49%
Calbond	16	.33-4C	46%	97%	42%	73%	47%	46%
Arlington Industries, Inc.	43	1.0-4C	91%	96%	84%	91%	75%	85%
Arlington Industries, Inc.	57	1.0-4C	89%	96%	82%	89%	79%	85%
Arlington Industries, Inc.	79	1.0-4C	86%	96%	81%	91%	71%	84%
Тораz	21	.33-4C	49%	96%	46%	79%	68%	47%
Arlington Industries, Inc.	33	1.0-4C	92%	95%	79%	91%	74%	82%
Arlington Industries, Inc.	61	1.0-4C	89%	95%	82%	91%	72%	86%
Arlington Industries, Inc.	85	1.0-4C	88%	95%	83%	85%	72%	86%
Category averages:			82%	97%	74%	89%	73%	72%
Contractor equipment								
Uline	53	.25-4C	63%	99%	79%	84%	67%	81%
(continued)								Base = 1

Definitions:

Total Ad Influence (Audience Engagement) represents the percentage of respondents who, after seeing an ad, reported they did one or more of the four listed items.

All Ad Influence scores are a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



	Page	Size & Color	<i>Exposure</i> Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Contractor equipment contin	nued							
Hotbend	101	.125-4C	66%	96%	56%	81%	60%	56%
Category averages:			65%	98%	68%	83%	64%	69%
Contractor services (incl. ı	rental & me	echanica)					
Candels Estimating	101	.125-4C	44%	88%	25%	46%	34%	29%
Data comm equipment								
ICC	19	1.0-4C	45%	93%	41%	62%	52%	47%
Electrical distributor (incl.	low volt.)							
Uline	53	.25-4C	63%	99%	79%	84%	67%	81%
Graybar	31	1.0-4C	72%	94%	69%	79%	58%	72%
Category averages:			68%	97%	74%	82%	63%	77%
Energy management								
Leviton Manufacturing	41	1.0-4C	74%	98%	78%	85%	69%	64%
Fasteners, hangers, clamp	s, support	S						
Arlington Industries, Inc.	39	1.0-4C	82%	98%	75%	93%	76%	74%
Platinum Tools	81	.33-4C	61%	95%	40%	69%	66%	40%
Category averages:			72%	97%	58%	81%	71%	57%
Hand tools								
Hotbend	101	.125-4C	66%	96%	56%	81%	60%	56%
Home automation								
Leviton Manufacturing	41	1.0-4C	74%	98%	78%	85%	69%	64%
(continued)								Base = 14



		Size	<i>Exposure</i> Recall	Engagement Total Ad	Make Ad-Brand	Like	More Favorable	Nowly
	Page	& Color	Seeing	Influence	Connection	the Ad	Opinion	Newly Aware
Lighting controls								
Leviton Manufacturing	41	1.0-4C	74%	98%	78%	85%	69%	64%
Focal Point	5	1.0-4C	61%	94%	35%	76%	55%	40%
Category averages:			68%	96%	57%	81%	62%	52%
Lighting products/fixtures								
Тораz	21	.33-4C	49%	96%	46%	79%	68%	47%
Focal Point	5	1.0-4C	61%	94%	35%	76%	55%	40%
ТСР	73	.66-4C	48%	93%	50%	67%	63%	53%
Orion Energy Systems	70	.33-4C	44%	93%	35%	67%	47%	35%
Category averages:			51%	94%	42%	72%	58%	44%
Meters/instru (test) power &	low volt.							
AEMC® Instruments	17	.33-4C	65%	95%	55%	81%	64%	59%
Platinum Tools	81	.33-4C	61%	95%	40%	69%	66%	40%
Megger	1	1.0-4C	68%	89%	49%	74%	55%	58%
Category averages:			65%	93%	48%	75%	62%	52%
Power tools								
Milwaukee Tool	35	1.0-4C	85%	99%	90%	91%	79%	84%
Greenlee	59	1.0-4C	84%	99%	86%	92%	74%	80%
Category averages:			85%	99%	88%	92%	77%	82%
Raceway/cable tray/conduit								
Arlington Industries, Inc.	75	1.0-4C	86%	98%	80%	90%	78%	64%
Connectrac	87	1.0-4C	58%	98%	41%	80%	66%	34%
Western Tube, a division of	49	1.0-4C	58%	97%	46%	91%	74%	59%
Zekelman Industries								
(continued)								Base = 1

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	Page	Size & Color	<i>Exposure</i> Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Raceway/cable tray/conduit a	ontinued							
Calbond	16	.33-4C	46%	97%	42%	73%	47%	46%
Champion Fiberglass, Inc.	9	1.0-4C	50%	96%	39%	77%	65%	45%
Picoma, a division of Zekelman Industries	65	1.0-4C	46%	95%	47%	87%	77%	45%
Snake Tray	53	.25-4C	59%	93%	45%	65%	45%	52%
Category averages:			58%	96%	49%	80%	65%	49%
Safety equipment/apparel								
Emergent Safety Supply	53	.25-4C	64%	96%	44%	82%	67%	43%
Security products & systems								
Red Hawk Fire & Security	91	.50-4C	51%	96%	40%	75%	63%	32%
Training/Safety organization								
American Technical Publishers	53	.25-4C	38%	94%	40%	70%	55%	43%
Transformers								
Hammond Power Solutions	71	.33-4C	54%	97%	46%	75%	61%	49%
Wire & cable								
Southwire	Cvr 4	1.0-4C	82%	96%	79%	92%	65%	79%
Wire & cable connectors/term	ninators							
Arlington Industries, Inc.	3	1.0-4C	91%	99%	91%	97%	81%	85%
Arlington Industries, Inc.	93	1.0-4C	90%	99%	86%	92%	71%	84%
Arlington Industries, Inc.	45	1.0-4C	86%	99%	89%	95%	82%	86%
Greenlee	59	1.0-4C	84%	99%	86%	92%	74%	80%
Arlington Industries, Inc.	7	1.0-4C	93%	98%	83%	97%	80%	86%
(continued)								Base = 14

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	Page	Size & Color	<i>Exposure</i> Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Wire & cable connectors/te	rminators	continued						
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	76%	98%	69%	93%	73%	64%
Arlington Industries, Inc.	23	1.0-4C	91%	97%	79%	91%	72%	84%
Arlington Industries, Inc.	27	1.0-4C	90%	95%	79%	90%	76%	87%
CC	19	1.0-4C	45%	93%	41%	62%	52%	47%
Category averages:			83%	97%	78%	90%	73%	78%
Wire & cable management								
Arlington Industries, Inc.	67	1.0-4C	92%	99%	89%	93%	77%	85%
Arlington Industries, Inc.	3	1.0-4C	91%	99%	91%	97%	81%	85%
Arlington Industries, Inc.	93	1.0-4C	90%	99%	86%	92%	71%	84%
Arlington Industries, Inc.	45	1.0-4C	86%	99%	89%	95%	82%	86%
Connectrac	87	1.0-4C	58%	98%	41%	80%	66%	34%
Arlington Industries, Inc.	23	1.0-4C	91%	97%	79%	91%	72%	84%
Arlington Industries, Inc.	57	1.0-4C	89%	96%	82%	89%	79%	85%
Southwire	Cvr 4	1.0-4C	82%	96%	79%	92%	65%	79%
Champion Fiberglass, Inc.	9	1.0-4C	50%	96%	39%	77%	65%	45%
Arlington Industries, Inc.	27	1.0-4C	90%	95%	79%	90%	76%	87%
Category averages:			82%	97%	75%	90%	73%	75%
Wiring devices								
Underground Devices	68	.50-4C	70%	97%	47%	86%	60%	52%



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
	Page	Size & Color	Recall Seeing	One or More Buying Actions	Save the Ad	Advertised Product	Ad's Website	Contact Salesperson	Product/ Service	Consider Purchase	or Specify	Purchase
Boxes, conduit bodies & encl	osures											
Arlington Industries, Inc.	Cvr 3	1.0-4C	90%	82%	13%	15%	16%	2%	11%	43%	9%	22%
Arlington Industries, Inc.	7	1.0-4C	93%	81%	10%	16%	15%	3%	18%	33%	10%	38%
Arlington Industries, Inc.	57	1.0-4C	89%	79%	13%	11%	11%	2%	18%	30%	8%	32%
Arlington Industries, Inc.	33	1.0-4C	92%	78%	12%	11%	15%	3%	14%	31%	10%	22%
Arlington Industries, Inc.	61	1.0-4C	89%	78%	13%	12%	12%	3%	14%	29%	8%	35%
Arlington Industries, Inc.	67	1.0-4C	92%	77%	9%	10%	10%	2%	9%	40%	9%	29%
Arlington Industries, Inc.	43	1.0-4C	91%	76%	12%	9%	11%	2%	15%	26%	9%	30%
Arlington Industries, Inc.	89	1.0-4C	90%	76%	14%	9%	11%	2%	15%	29%	8%	29%
Arlington Industries, Inc.	39	1.0-4C	82%	76%	15%	11%	15%	3%	14%	28%	10%	24%
Arlington Industries, Inc.	63	1.0-4C	92%	75%	12%	10%	10%	2%	13%	39%	9%	25%
Arlington Industries, Inc.	95	1.0-4C	89%	75%	8%	17%	8%	0%	12%	40%	8%	22%
Arlington Industries, Inc.	85	1.0-4C	88%	75%	14%	11%	10%	2%	16%	30%	10%	30%
Arlington Industries, Inc.	79	1.0-4C	86%	75%	17%	8%	13%	3%	12%	31%	6%	25%
Arlington Industries, Inc.	11	1.0-4C	90%	74%	9%	14%	12%	4%	17%	37%	6%	27%
Arlington Industries, Inc.	51	1.0-4C	87%	74%	11%	13%	15%	6%	12%	34%	9%	26%
Arlington Industries, Inc.	15	1.0-4C	88%	72%	11%	16%	11%	7%	13%	36%	5%	22%
Konkore Fittings	25	1.0-4C	71%	71%	17%	13%	12%	1%	13%	30%	10%	12%

(continued)

Definitions:

One or More Buying Actions (Audience Involvement) represents the percentage of respondents who, after seeing an ad, indicated they have done, or are likely to do, one or more of the eight listed items.

All Buying Action scores are a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.

Base = 145



	Page	Size & Color	<i>Exposure</i> Recall Seeing	Involvement One or More Buying Actions	Save the Ad	Discuss the Advertised Product	Visit Ad's Website	Contact Salesperson	Try Product/ Service	Consider Purchase	Recommend or Specify	Purchase
Boxes, conduit bodies & enclo	osures co	ntinued										
Orbit Industries	69	.50-4C	62%	71%	19%	14%	16%	4%	11%	40%	7%	10%
Тораz	21	.33-4C	49%	70%	9%	16%	18%	7%	11%	35%	12%	11%
Arlington Industries, Inc.	75	1.0-4C	86%	69%	12%	12%	11%	2%	12%	41%	10%	13%
Hubbell BELL	13	.50-4C	68%	67%	11%	15%	15%	3%	10%	27%	9%	17%
Underground Devices	68	.50-4C	70%	63%	14%	10%	11%	2%	10%	21%	8%	10%
Calbond	16	.33-4C	46%	49%	14%	12%	12%	0%	2%	12%	3%	5%
Category averages:			82%	73%	13%	12%	13%	3%	13%	32%	8%	22%
Contractor equipment												
Uline	53	.25-4C	63%	63%	11%	11%	11%	7%	15%	27%	7%	12%
Hotbend	101	.125-4C	66%	56%	15%	11%	9%	1%	6%	23%	6%	5%
Category averages:			65%	60%	13%	11%	10%	4%	11%	25%	7%	9%
Contractor services (incl. rent	al & mec	hanical)										
Candels Estimating	101	.125-4C	44%	23%	11%	7%	7%	0%	4%	7%	0%	0%
Data comm equipment												
ICC	19	1.0-4C	45%	57%	21%	19%	12%	2%	0%	14%	5%	10%
Electrical distributor (incl. low	volt.)											
Uline	53	.25-4C	63%	63%	11%	11%	11%	7%	15%	27%	7%	12%
Graybar	31	1.0-4C	72%	58%	10%	16%	14%	5%	13%	28%	8%	8%
Category averages:			68%	61%	11%	14%	13%	6%	14%	28%	8%	10%
Energy management												
Leviton Manufacturing	41	1.0-4C	74%	61%	11%	14%	17%	6%	8%	33%	7%	13%
(continued)												Base = 145

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	Page	Size & Color	<i>Exposure</i> Recall Seeing	Involvement One or More Buying Actions	Save the Ad	Discuss the Advertised Product	Visit Ad's Website	Contact Salesperson	Try Product/ Service	Consider Purchase	Recommend or Specify	Purchase
Fasteners, hangers, clamps, s	supports											
Arlington Industries, Inc.	39	1.0-4C	82%	76%	15%	11%	15%	3%	14%	28%	10%	24%
Platinum Tools	81	.33-4C	61%	60%	8%	11%	12%	2%	11%	29%	6%	5%
Category averages:			72%	68%	12%	11%	14%	3%	13%	29%	8%	15%
Hand tools												
Hotbend	101	.125-4C	66%	56%	15%	11%	9%	1%	6%	23%	6%	5%
Home automation												
Leviton Manufacturing	41	1.0-4C	74%	61%	11%	14%	17%	6%	8%	33%	7%	13%
Lighting controls												
Leviton Manufacturing	41	1.0-4C	74%	61%	11%	14%	17%	6%	8%	33%	7%	13%
Focal Point	5	1.0-4C	61%	57%	17%	13%	13%	1%	1%	24%	7%	5%
Category averages:			68%	59%	14%	14%	15%	4%	5%	29%	7%	9%
Lighting products/fixtures												
Topaz	21	.33-4C	49%	70%	9%	16%	18%	7%	11%	35%	12%	11%
TCP	73	.66-4C	48%	65%	17%	13%	18%	5%	12%	25%	8%	12%
Orion Energy Systems	70	.33-4C	44%	58%	18%	16%	14%	4%	9%	25%	4%	4%
Focal Point	5	1.0-4C	61%	57%	17%	13%	13%	1%	1%	24%	7%	5%
Category averages:			51%	63%	15%	15%	16%	4%	8%	27%	8%	8%
Meters/instru (test) power & lo	ow volt.											
Megger	1	1.0-4C	68%	64%	15%	16%	17%	0%	5%	30%	7%	7%
Platinum Tools	81	.33-4C	61%	60%	8%	11%	12%	2%	11%	29%	6%	5%
AEMC [®] Instruments	17	.33-4C	65%	55%	12%	22%	17%	3%	9%	23%	4%	10%
Category averages:			65%	60%	12%	16%	15%	2%	8%	27%	6%	7%
(continued)												Base = 14

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	Page	Size & Color	<i>Exposure</i> Recall Seeing	Involvement One or More Buying Actions	Save the Ad	Discuss the Advertised Product	Visit Ad's Website	Contact Salesperson	Try Product/ Service	Consider Purchase	Recommend or Specify	Purchase
Power tools												
Milwaukee Tool	35	1.0-4C	85%	76%	13%	17%	17%	4%	12%	38%	8%	24%
Greenlee	59	1.0-4C	84%	74%	12%	18%	16%	3%	13%	43%	11%	11%
Category averages:			85%	75%	13%	18%	17%	4%	13%	41%	10%	18%
Raceway/cable tray/conduit												
Western Tube, a division of	49	1.0-4C	58%	70%	16%	20%	13%	4%	11%	32%	9%	17%
Zekelman Industries												
Arlington Industries, Inc.	75	1.0-4C	86%	69%	12%	12%	11%	2%	12%	41%	10%	13%
Picoma, a division of	65	1.0-4C	46%	65%	12%	15%	13%	3%	12%	33%	7%	10%
Zekelman Industries												
Connectrac	87	1.0-4C	58%	59%	20%	9%	13%	3%	8%	23%	3%	5%
Champion Fiberglass, Inc.	9	1.0-4C	50%	57%	19%	13%	13%	0%	4%	22%	3%	4%
Snake Tray	53	.25-4C	59%	52%	16%	13%	12%	0%	4%	20%	4%	4%
Calbond	16	.33-4C	46%	49%	14%	12%	12%	0%	2%	12%	3%	5%
Category averages:			58%	60%	16%	13%	12%	2%	8%	26%	6%	8%
Safety equipment/apparel												
Emergent Safety Supply	53	.25-4C	64%	61%	13%	13%	11%	4%	8%	29%	7%	1%
Security products & systems												
Red Hawk Fire & Security	91	.50-4C	51%	53%	12%	12%	11%	2%	5%	23%	7%	5%
Training/Safety organization												
American Technical Publishers	53	.25-4C	38%	68%	17%	17%	11%	2%	6%	28%	4%	2%
Transformers												
Hammond Power Solutions	71	.33-4C	54%	56%	19%	14%	12%	5%	7%	25%	3%	8%
(continued)												Base = 145

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			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Wire & cable												
Southwire	Cvr 4	1.0-4C	82%	76%	15%	9%	11%	3%	15%	32%	9%	22%
Wire & cable connectors/ter	minators											
Arlington Industries, Inc.	3	1.0-4C	91%	82%	10%	21%	12%	4%	19%	36%	8%	33%
Arlington Industries, Inc.	7	1.0-4C	93%	81%	10%	16%	15%	3%	18%	33%	10%	38%
Arlington Industries, Inc.	45	1.0-4C	86%	79%	10%	16%	13%	3%	18%	39%	11%	30%
Arlington Industries, Inc.	23	1.0-4C	91%	78%	11%	11%	9%	4%	12%	29%	7%	36%
Arlington Industries, Inc.	27	1.0-4C	90%	77%	9%	11%	12%	2%	13%	31%	8%	34%
Arlington Industries, Inc.	93	1.0-4C	90%	77%	13%	10%	9%	2%	19%	26%	8%	37%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	76%	75%	12%	13%	13%	2%	22%	35%	10%	22%
Greenlee	59	1.0-4C	84%	74%	12%	18%	16%	3%	13%	43%	11%	11%
ICC	19	1.0-4C	45%	57%	21%	19%	12%	2%	0%	14%	5%	10%
Category averages:			83%	76%	12%	15%	12%	3%	15%	32%	9%	28%
Wire & cable management												
Arlington Industries, Inc.	3	1.0-4C	91%	82%	10%	21%	12%	4%	19%	36%	8%	33%
Arlington Industries, Inc.	57	1.0-4C	89%	79%	13%	11%	11%	2%	18%	30%	8%	32%
Arlington Industries, Inc.	45	1.0-4C	86%	79%	10%	16%	13%	3%	18%	39%	11%	30%
Arlington Industries, Inc.	23	1.0-4C	91%	78%	11%	11%	9%	4%	12%	29%	7%	36%
Arlington Industries, Inc.	67	1.0-4C	92%	77%	9%	10%	10%	2%	9%	40%	9%	29%
Arlington Industries, Inc.	27	1.0-4C	90%	77%	9%	11%	12%	2%	13%	31%	8%	34%
Arlington Industries, Inc.	93	1.0-4C	90%	77%	13%	10%	9%	2%	19%	26%	8%	37%
Southwire	Cvr 4	1.0-4C	82%	76%	15%	9%	11%	3%	15%	32%	9%	22%
Connectrac	87	1.0-4C	58%	59%	20%	9%	13%	3%	8%	23%	3%	5%
Champion Fiberglass, Inc.	9	1.0-4C	50%	57%	19%	13%	13%	0%	4%	22%	3%	4%
Category averages:			82%	74%	13%	12%	11%	3%	14%	31%	7%	26%
Wiring devices												
Underground Devices	68	.50-4C	70%	63%	14%	10%	11%	2%	10%	21%	8%	10%
-												Base = 145

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Demographics: Influence and Action Totals



Total ad influence for all studied ads

	92%	
After seeing an	Associated ads with respective brands	
ad in <i>Electrical</i>	98%	
Contractor, 100%	Liked one or more ads	
of respondents re-	88%	
ported one or more	Have improved opinion	
of the following:	78%	
	Became newly aware of a product/service	Base = 290
Total Duning	Ninety-one percent (91%) of respondents indicated t	hat after seeing
<i>Total</i> Buying Behavior	an ad in <i>Electrical Contractor</i> they, or someone in	-
91%	tion, have taken, or are likely to take, one or more of purchasing actions:	of the following
	35%	
	Save the ad	
Preliminary Buying	33%	
Behavior	Discuss the advertised product or service with colle	eagues
61%	31%	
	Visit advertiser's website	
	9% Contact product salesperson	
	36%	
	Try or sample advertised product or service	
	66%	
<i>Active</i> Buying Behavior	Consider purchase	
86%	24%	
	Recommend or specify	
	58%	
	Purchase	Base = 290

Ad scores by size

	Number of Ads	Recall Seeing	Read Some	Read Most
One page	36	80%	62%	49%
Two-thirds page	1	48%	60%	28%
One-half page	4	63%	52%	32%
One-third page	6	53%	50%	31%
One-fourth page	4	56%	49%	31%
One-eighth page	2	55%	49%	36%
Issue averages:		73%	58%	44%
				Base = 145

dina types

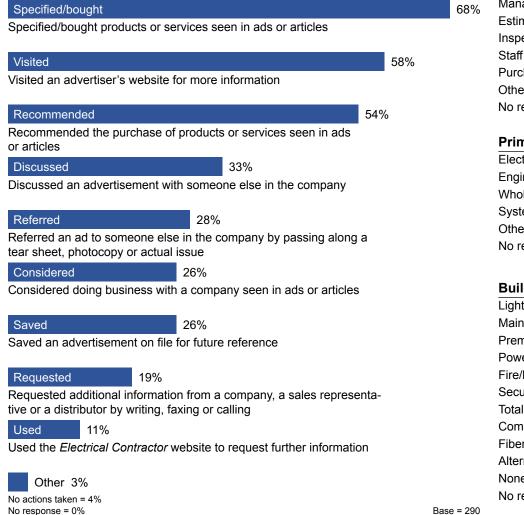
Commercial
Residential
Includes single family and multi-family
Industrial
Includes manufacturing plants, power generation and utility
Institutional
Includes hospital, nursing home, education (K12, college, university), govt., administration, police, correctional, military, transportation (airport/rail/other)
Non-building
Includes road, airport, traffic lighting, line work, waste/water treatment, etc.
Emerging/alternative energy sources
None of the above
No response
Base = 29

Demographics *continued*



Purchasing actions taken

Ninety-six percent (96%) of the respondents report taking one or more purchasing actions during the past year as a result of ads/editorials appearing in *Electrical Contractor*.



Primary job title or function

Executive management: owner, partner, president, VP, general manager, etc 54%
Electrician (field), journeyman, technician, installer, service person 17%
Management: project manager, superintendent, supervisor, foreman
Estimator
Inspector
Staff engineer, designer, electrical engineer
Purchasing agent, buyer
Other
No response
Base = 290

Involvement 7.0

Primary business

Electrical contracting/low-voltage contracting.	
Engineering/architecture/consulting	3%
Wholesaler/distributor	2%
Systems integration/consulting	1%
Other	9%
No response	0%
	Base = 290

Building systems installed

Lighting	%
Maintenance, service, repair	
Premises wiring	%
Power quality systems (includes standby, co-gen, etc.)	%
Fire/life safety systems	%
Security (includes CCTV, access/motion/intrusion systems)	%
Total building automation systems (includes HVAC, lighting)	%
Communications systems (VDV) 35%	%
Fiber optics	%
Alternative-energy systems 25%	%
None of the above	%
No response	%
Base = 29	90

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Demographics: Social Media



Professional use of social media		Digital devices ow	Digital devices owned or used by respondents		
	25% To get industry news		87% Smart phone		
<i>Fifty-three percent</i> (53%) of <i>Electrical</i> <i>Contractor</i> respondents report one or more of these reasons for using social media.	25%		69%		
	To keep up with trends	One hundred percent	Desktop computer		
	25%	(100%) of <i>Electrical</i>	69%		
	To learn about industry products	<i>Contractor</i> respondents report having access to	Laptop computer		
	25%	one or more of these	46%		
	To network with others in the industry	digital devices.	Tablet		
	47%		4%		
	None of the above No response = 0% Base	= 290	E-reader No response = 0% Ba	3ase = 290	

Social media platforms used for work

	29% LinkedIn 28% Facebook		2019		Ad Study Sch Reserve your space	-	
Forty-seven percent (47%) of Electrical Contractor respon- dents report using one or more of these social media plat- forms for work.	4% Twitter 3% Instagram		February closing January 7	May closing April 5	September closing August 5	December closing November 5	
	3% Pinterest		Contact your <i>Electrical Contractor</i> sales representative now to reserve your space in the next ad study issue.			now to	
	53% None of the above No response = 0%	Base = 290	Electrical Contractor reserves the right to change this research schedule without notice.				

About mediaView Pro



about **mediaView**Pro[™]

Independent Ad Campaign Analytics

What are some of the concepts behind mediaView Pro Ad Campaign Analytics?

- Ad campaigns setting primary and intermediate objectives are more accountable and more effective.¹
- Only primary business objectives such as increasing profit or market share are true final measures of business success.²
- A significant change across a wide range of intermediate objectives is a reliable predictor of business success.
- Because the importance of individual intermediate objectives varies by ad campaign, no single intermediate measure can be an infallible predictor.
- Best practice requires tracking multiple intermediate effects.³
- Assigning greater or lesser value to each intermediate objective, to better align with your specific campaign goals, improves campaign accountability and effectiveness.⁴

Why does mediaView Pro focus on intermediate objectives?

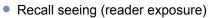
Intermediate objectives are the means to achieving primary ad campaign objectives. Taken individually, each intermediate objective offers insight into how your campaign is working in comparison with other campaigns reaching your audience.

¹ Les Binet and Peter Field, Marketing in the Era of Accountability (World Advertising Research Center, Great Britain, Alden Press, 2007), 19. | ² [ibid, 77] | ³ [ibid, 77] | ⁴ [ibid, 2]

Total Ad Recall Audience Exposure

Total Ad Influence Audience Engagement

Total Buying Action Audience Involvement



- Read some of the ad (reader engagement)
- Read most of the ad (reader involvement)
- Make ad-brand connection
- Like the ad
- Better opinion of product or service
- Newly aware of product or service

Preliminary Buying Action

- Save the ad for future reference
- Discuss the advertised product
- Visit advertiser website
- Contact advertiser salesperson

Active Buying Action

- Try advertised product or service
- Consider purchasing
- Recommend or specify
- Purchase the product or service



Audience Engagement 6.0

About mediaView Pro: Methodology



about **mediaView**Pro[™] Independent Ad Campaign Analytics

Baxter Research Center Inc.'s (BRC) *mediaView Pro* study programs are conducted online using accepted advertising and editorial reader research methods and practices.

The reader panel was selected from the sponsoring publication's qualified circulation of 80,030* using a structured random-interval selection process. Preparation of the survey instrument, sample selection, emailing, processing, tabulation and generation of final reports are conducted under the supervision of BRC.

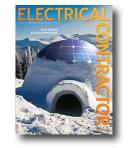
Readers invited to participate via email are provided with a secure link to the questionnaire. To ensure optimal delivery, all surveys are sent using BRC's bonded email servers.

In those cases where two versions of the questionnaire are produced to maintain an appropriate level of reader response, both are identical with the exception of the ad listings, which are divided equally between the two. Ad recall data is based on a minimum of 100 returns. Splitting the survey into two or three versions to accommodate more ads will result in editorial and respondent profiles increasing to 200 and 300, respectively. Ad recall data will achieve a lesser number, but no fewer than 100 returns.

Ad and editorial reader recall data are fully disclosed in this report and online through advertiser micro-sites. Advertiser access to their micro-site is controlled by the sponsoring publication. Advertisers wishing to view online data should contact their magazine advertising sales representative for a link and password. A copy of the online survey is available upon request from BRC.

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This publication is designed to provide accurate and authoritative information gathered from subscriber questionnaires. In publishing this report, neither the author nor the publisher is engaged in rendering legal, accounting or any other professional service. If required, legal advice or other expert assistance should be sought from a licensed professional.



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ELECTRICAL CONTRACTOR is the only monthly publication strictly for electrical and low-voltage contractors. ECs consistently rank it as the most well read and preferred magazine in the industry. Readers are management-level decision-makers and specifiers, working across the construction spectrum, from commercial to residential, industrial, institutional and nonbuilding projects. Content spans a variety of topics, including codes, standards, installation tips, new products, advice for running a business, lighting and trends, all written by industry experts.

Baxter Research Center Inc. (BRC) is a leading provider of independent, mixed-media audience analytics.

BRC's audience metrics guide, optimize and inspire ad-campaign effectiveness in print, digital and online media.

