

# ACP Series

## American Compact Floodlight

70-400W HPS; 150-400W MH

### PRODUCT OVERVIEW



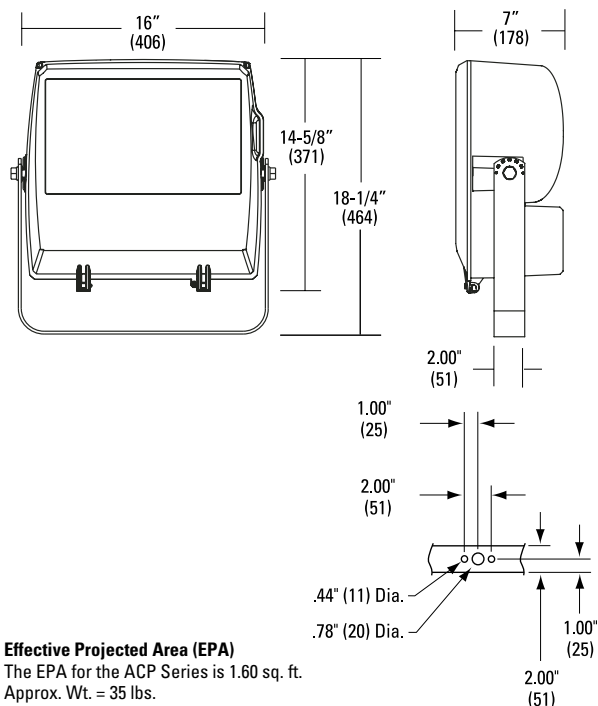
#### Features:

- NEMA beam patterns available in a variety of options
- Rugged die-cast aluminum housing is powder-coated for durability and corrosion resistance
- Stainless steel external hardware standard
- Door is hinged and easily removable for quick maintenance
- Fully pivoting painted wraparound yoke is standard, tenon and galvanized yoke mounting options are available for precise aiming
- UL listing is standard @ 40°C ambient
- For easy maintenance, tool-less entry is available
- Standardized hardware for single-tool internal maintenance
- Suitable for -40°C to 40°C HPS / -30°C to 40°C MH
- Lens is thermal shock and impact resistant tempered flat glass
- Approved for use in 1.5 G vibration applications
- Slipfitter adjustable to fit 2-3/8" to 2-7/8" O.D. tenon

#### Applications:

- |                    |                  |
|--------------------|------------------|
| Auto dealerships   | Industrial sites |
| Schools            | Shopping centers |
| Construction sites | Parking lots     |
| Recreational areas | Substations      |
| Churches           | Building facades |

#### DIMENSIONS



#### PREFERRED SELECTION CATALOG NUMBERS

- ACP 15S RN 120 76 EC NL TL
- ACP 23S CA MT1 76 EC 0643 TL NL
- ACP 40M SC MT7 76 TM TL
- ACP 40M SC MT1 76 LC 0443 TL PC
- ACP 40M SC MT1 76 0443 TL NL
- ACP 40S CA MT1 76 EC LC 0443 TL PC

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### ORDERING INFORMATION

Example: ACP 40M SC MT1 76 0443 LC TL PC

Series	Wattage / Source		Ballast	Voltage	NEMA Beam Pattern
<b>ACP</b> American Compact Flood	<b>07</b> 70W	<b>S</b> HPS	<b>RN</b> Reactor Normal	<b>120</b> 120V	<b>55</b> 5H x 5V
	<b>10</b> 100W	<b>M</b> MH <sup>1</sup>	Power Factor	<b>208</b> 208V	<b>66</b> 6H x 6V
	<b>15</b> 150W <sup>9</sup>		<b>RH</b> Reactor High	<b>240</b> 240V	<b>76</b> 7H x 6V
	<b>17</b> 175W		Power Factor	<b>277</b> 277V	
	<b>20</b> 200W		<b>XN</b> High Reactance	<b>347</b> 347V	
	<b>23</b> 250/400W		(Lag) Normal	<b>480</b> 480V	
	Wired 250W		Power Factor	<b>MT1</b> Multi-tap Wired 120V	
	<b>24</b> 250/400W		<b>XH</b> High Reactance	<b>MT2</b> Multi-tap Wired 240V	
	Wired 400W		(Lag) High	<b>MT7</b> Multi-tap Wired 277V	
	<b>25</b> 250W <sup>1</sup>		Power Factor	<b>TT3</b> Tri-tap Wired 347V	
	<b>31</b> 310W		<b>CA</b> CWA (Auto Reg) <sup>2</sup>	<b>5T4</b> 5-tap Wired 480V	
	<b>32</b> 320W		<b>CT</b> CWI		
	<b>35</b> 350W <sup>1</sup>		<b>SC</b> SCWA		
	<b>40</b> 400W <sup>1</sup>				

Options
---------

#### Mounting <sup>2</sup>

(blank)	Wraparound Yoke Mount (standard)
<b>YG</b>	Wraparound Yoke Galvanized
<b>TM</b>	Tenon Slipfitter

#### Paint <sup>3</sup>

(blank)	Bronze (standard)
<b>BK</b>	Black
<b>DDB</b>	Dark Bronze
<b>GY</b>	Gray
<b>WH</b>	White

#### Terminal Block

(blank)	Terminal Block Factory Wire
<b>T2</b>	Wired to L1 and L2 Position
<b>T3</b>	3 Wire Operation (L1, N, L2 Position) <sup>5</sup>

#### Listing

(blank)	UL Listed (standard)
<b>CS</b>	CSA Certified
<b>XL</b>	No Listing

#### Photocontrol Receptacle

(blank)	Photocontrol Receptacle (standard)
<b>NR</b>	No PEC Receptacle <sup>6</sup>

#### Starter <sup>6</sup>

(blank)	Open Board (standard)
<b>OP</b>	Open Board Plug-in
<b>EC</b>	Encapsulated Plug-in

#### Fusing <sup>7</sup>

<b>SF</b>	Single Fuse (120, 277, 347V)
<b>DF</b>	Double Fuse (208, 220, 240, 480V)

#### Cord Length <sup>\*</sup>

<b>04</b>	4'	<b>63</b>	16-3
<b>05</b>	5'	<b>44</b>	14-4 <sup>8</sup>
<b>06</b>	6'	<b>43</b>	14-3
<b>08</b>	8'	<b>23</b>	12-3
<b>10</b>	10'		
<b>12</b>	12'		
<b>15</b>	15'		
<b>20</b>	20'		
<b>25</b>	25'		
<b>30</b>	30'		

#### Cord Type <sup>\*</sup>

*Cord length and type should be combined to form one number.			
Ex: 0423			

#### Misc.

<b>TL</b>	Tool-less Entry
<b>PC</b>	Photocontrol Included per Voltage Specified <sup>5</sup>
<b>NL</b>	NEMA Label
<b>SH</b>	Shorting Cap <sup>5</sup>

#### Notes:

- 1 Compliant with DOE/EISA regulations starting February 10, 2017.
- 2 Painted to match fixture.
- 3 Other colors available, please contact your local American Electric Lighting representative.
- 4 Available with 240, 480, MT2, DT2, DT4, 5T2 and 5T4 voltages only; requires cord type 44 when a cord option is selected.
- 5 PC and SH not available with NR option
- 6 HPS only.
- 7 Voids UL and CSA listing; not available in MT, TT, DT voltages.
- 8 For 3-wire operation and ground; requires T3 option.
- 9 Not available with 480 voltage.



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023  
www.americanelectriclighting.com

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**Warranty** Five-year limited warranty. Complete warranty terms located at:  
[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)  
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Specifications subject to change without notice.

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FL-ACP

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70-400W HPS; 150-400W MH

### BALLAST MATRIX

Watts	120	208	240	277	347	480	DT2
07S	CT,RH,RN,XN,XH	CT,XH,XN	CT,XH,XN	CT,XH,XN	XH,XN	XH,XN	CT,XH,XN
10S	CA,CT,RH,RN,XN,XH	CA,CT,XH,XN	CA,CT,XH,XN	CA,CT,XH,XN	CT,XH,XN	CA,XH,XN	CA,CT,XH,XN
10M	XH,XN	XH,XN	XH,XN	XH,XN	-	XH,XN	XH,XN
15S	CA,CT,RH,RN,XN,XH	CA,CT,XH,XN	CA,CT,XH,XN	CA,CT,XH,XN	XH,XN	CA	CA,CT,XH,XN
15M	XH,XN,SC	XH,XN,SC	XH,XN,SC	XH,XN,SC	-	XN	XH,XN
17M	SC	SC	SC	SC	-	SC	SC
20S	CA,CT,XH,XN	CA,CT	CA,CT,XH,XN	CA,CT	CA	CA	CA,CT,XH,XN
23S	CA	CA	CA	CA	-	-	CA
24S	CA	CA	CA	CA	-	-	CA
25S	CA,CT,XH,XN	CA,CT	CA,CT,RH,RN,XN,XH	CA,CT	CA	CA	CA,XH,XN
25M	SC	SC	SC	SC	SC	SC	SC
31S	CA	CA	CA	CA	CA	-	CA
32M	SC	SC	SC	SC	SC	SC	SC
35M	SC	SC	SC	SC	SC	SC	SC
40S	CA,CT	CA,CT,RH,RN	CA,CT,RH,RN	CA,CT	CA	CA,MR	CA,CT
40M	SC	SC	SC	SC	-	SC	SC

Watts	MT1	MT2	MT7	TT3	5T4
07S	CT,XH,XN	CT,XH,XN	CT,XH,XN	-	-
10S	CA,CT,XH,XN	CA,CT,XH,XN	CA,CT,XH,XN	-	-
10M	XH,XN	XH,XN	XH,XN	-	-
15S	CA,CT,XH,XN	CA,CT,XH,XN	CA,CT,XH,XN	XH,XN	-
15M	XH,XN,SC	XH,XN,SC	XH,XN,SC	-	-
17M	SC	SC	SC	-	-
20S	CA,CT	CA,CT	CA,CT	-	-
23S	CA	CA	CA	-	-
24S	CA	CA	CA	-	-
25S	CA,XH,XN	CA,XH,XN	CA,XH,XN	CA	CA
25M	SC	SC	SC	SC	SC
31S	CA	CA	CA	-	-
32M	SC	SC	SC	-	-
35M	SC	SC	SC	-	-
40S	CA,CT	CA,CT	CA,CT	CA	CA
40M	SC	SC	SC	-	-



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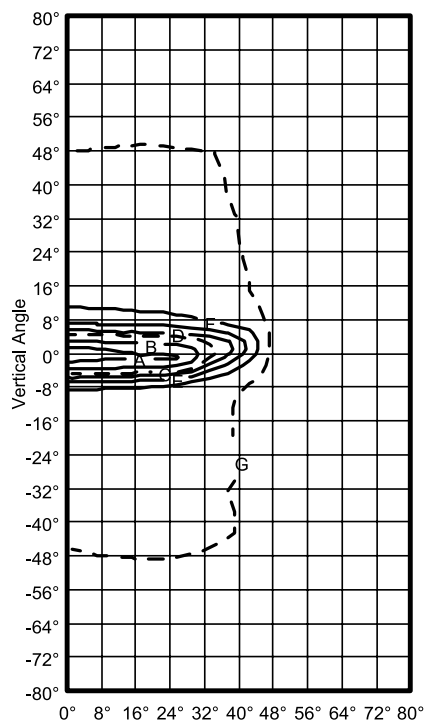
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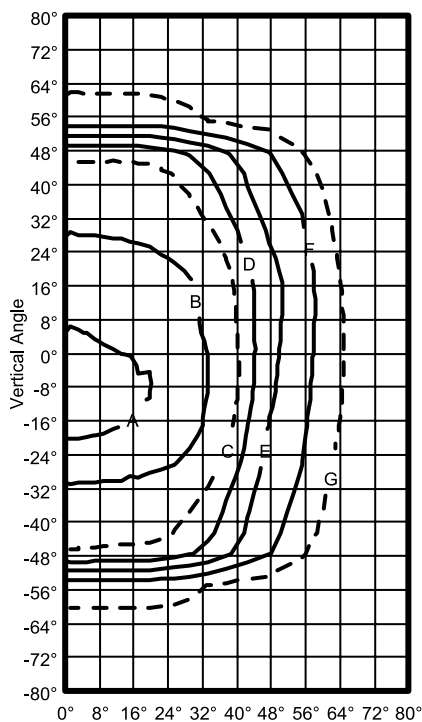
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### PHOTOMETRICS

**ACP 40M SC 55**  
Isointensity Plot



**ACP 40M SC 66**  
Isointensity Plot



#### HORIZONTAL ANGLE

A = 90

B = 70

C = 50

D = 40

E = 30

F = 20

G = 10



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