

DAB SERIES Outdoor Lighting

DAB-SOL-A16-50W-MCT

SOLAR DESIGNER AREA BELL LIGHT SYSTEM

MCT Multi Color Temperature (Selectable)



The Solar Designer Area Bell Light System is an innovative solar-powered lighting solution designed for outdoor areas. It combines energy-efficient LED lighting with solar panels for sustainable, off-grid illumination. Featuring a stylish design, it includes an integrated bell system for alerts or ambiance. Ideal for parks, walkways, and public spaces, this system enhances safety and aesthetics while reducing energy costs.

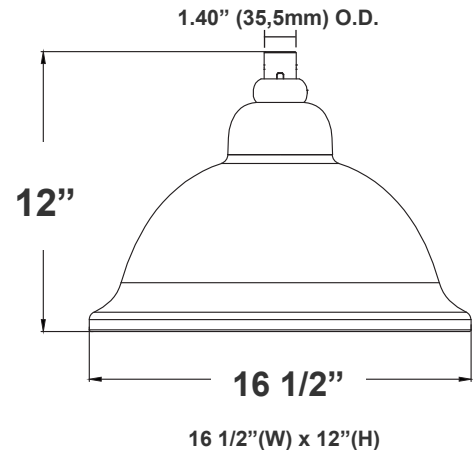
WESTGATE
THE FUTURE IS HERE...AND IT'S QUITE BRIGHT!

Customer Name: _____

Project Name: _____

Note: _____

Type: _____



Features

- AL1060 Aluminum Hosing, Outdoor Powder Coating
- 7-Year Warranty
- Multi CCT and Power: Selectable Switch Inside Of The Fixture

Technical Specifications

Electrical:

- Wattage: 50W
- Power Factor: 0.9
- THD<20%
- Efficacy: 160LM/W

Mechanical:

- AL1060 Aluminum Hosing, Outdoor Powder Coating
- EPA rating is 1.92 square feet.
- Aluminum LED board: High Conductive, Waterproof, Aging Resistance, Salt eRsistance
- Programmable Bi-Level Motion Sensor & Emergency Backup Options
- Operating Temperature: -40°F~104°F
- IP Rating: IP66, Suitable for Wet Locations
- 7-Year Warranty

Battery:

- Battery Charge Time To Full Level: 6 to 12 Hours Depending On The Sunlight Quality, See The Map On Page 3
- Battery Type: LiFePO4
- Battery Life: More Than 2000 Cycles (2000/365days=5.47 Years) With Overcharge and Over-Discharge Protection
- Operation On Full Charge: 10 hrs. Depending On The Sunlight Quality, See The Map On Page 3

Lighting:

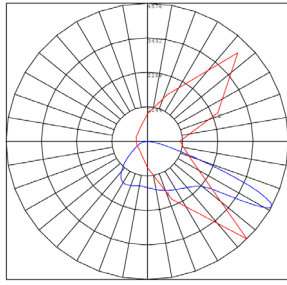
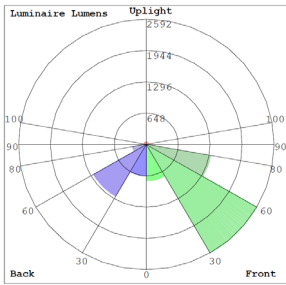
- MCT: Multi Color Temperature (Selectable)
- Lens: High Light Transmittance PC, anti-UV and Fire Resistant
- LED: Lumileds 2835
- Total Lumens: 8000LM Max.
- Color Temperature: 3000K/4000K/5000K
- Color Rendering index: >70
- Beam Angle: Type V (150° X 150°)
- Lifespan: 70000 Hrs.

Applications:

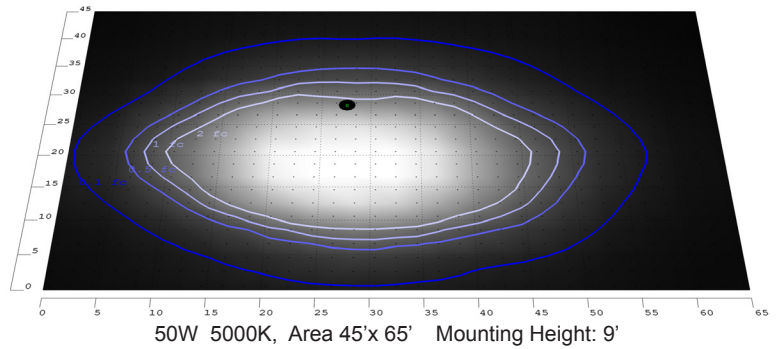
- Ideal For Garden, Amusement Park, Residential Quater , Industrial Park And Pedestrian street.



Photometrics: DAB-SOL-A16-50W-MCT



BUD Rating: B3-U0-G2



Performance Table: DAB-SOL-A16-50W-MCT

MODEL NO.	Wattage	Voltage	Lumens	Color Temp.	BUG Rating	LPW
DAB-SOL-A16-50W-MCT	50W	120-277V	8000LM	3000K 4000K 5000K	B3-U0-G2	160

Sample Ordering

Model	Solar	Size	Watt	Color Temp.
DAB	SOL	A16	50W	MCT

Accessories:

Blank = No Option

DAB-BA = Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

DAB-SOL-MOD-50W = Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast

DAB-SOL-PA3-1 = 3 Inches Pole-Top Adapter For 1 Solar Bell-Light Arm + Solar Engine Mast

DAB-SOL-PA4-1 = 4 Inches Pole-Top Adapter For 1 Solar Bell-Light Arm + Solar Engine Mast

DAB-SOL-PA5-1 = 5 Inches Pole-Top Adapter For 1 Solar Bell-Light Arm + Solar Engine Mast

DAB-SOL-PA3-2 = 3 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine Mast

DAB-SOL-PA4-2 = 4 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine Mast

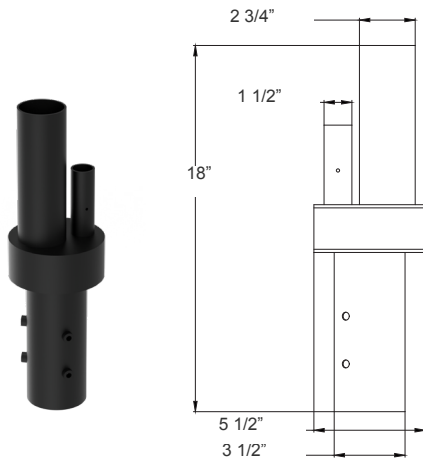
DAB-SOL-PA5-2 = 5 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine

ACCESSORIES:



DAB-BA

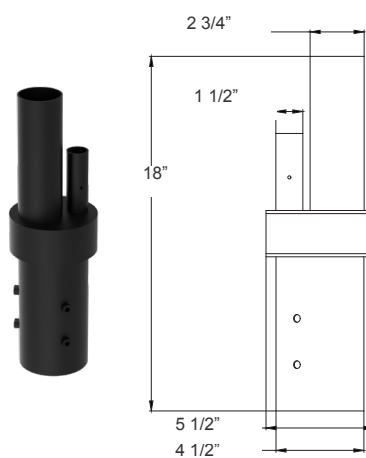
Pole Arm Mounts/Adaptor:



DAB-SOL-PA3-1

3 1/2"(W) x 18"(H)

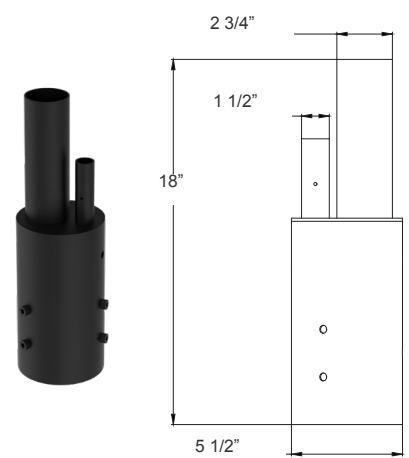
3 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms



DAB-SOL-PA4-1

4 1/2"(W) x 18"(H)

4 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms



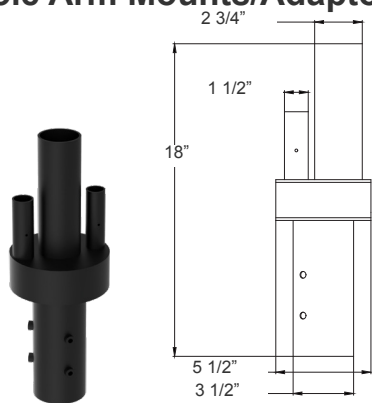
DAB-SOL-PA5-1

5 1/2"(W) x 18"(H)

5 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms

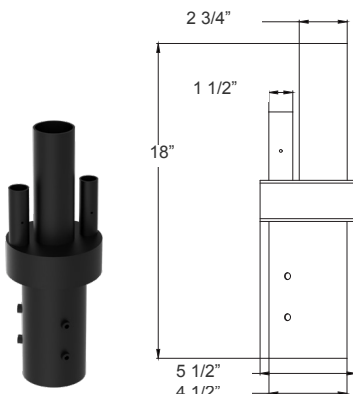


Pole Arm Mounts/Adaptor:



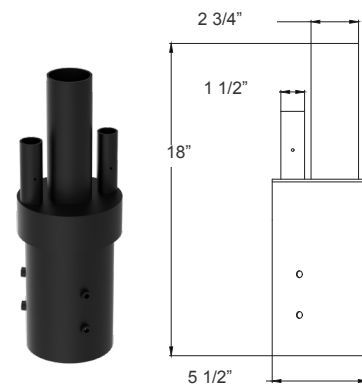
DAB-SOL-PA3-2
3 1/2"(W) x 18"(H)

3 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms



DAB-SOL-PA4-2
4 1/2"(W) x 18"(H)

4 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms



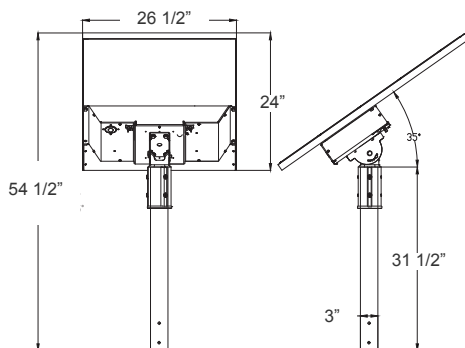
DAB-SOL-PA5-2
5 1/2"(W) x 18"(H)

5 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms

ACCESSORIES:



DAB-SOL-MOD-50W
16 1/2"(W) x 12"(H)



DAB-SOL-A16-50W-MCT

DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA3-2: 3 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



DAB-SOL-A16-50W-MCT

DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA4-2: 4 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



DAB-SOL-A16-50W-MCT

DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA5-2: 5 Inches Pole-Top Adapter For 2 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



DAB-SOL-A16-50W-MCT

DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA3-1: 3 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



DAB-SOL-A16-50W-MCT

DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA4-1: 4 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



DAB-SOL-A16-50W-MCT

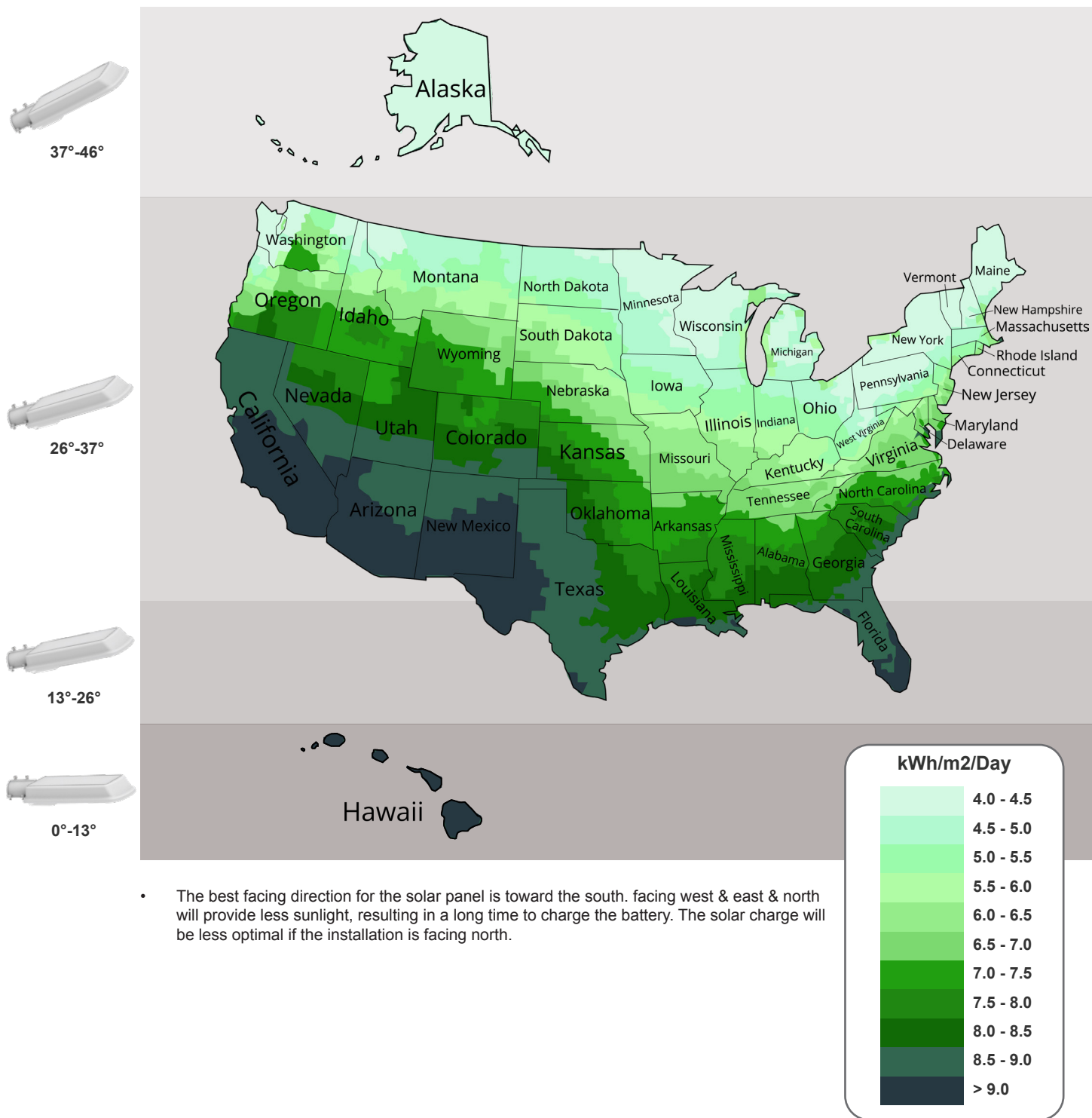
DAB-SOL-A16: 16" Bell Light System
DAB-SOL-MOD-50W: Solar Power Engine And Panel, 50W Maximum Fixture Power, With 32In Mast
DAB-SOL-PA5-1: 5 Inches Pole-Top Adapter For 1 Solar Bell-Light Arms + Solar Engine Mast
DAB-BA: Dab Bell Arm For Mounting On Single Or Double Pole Adapter, Black

*Pole Not Incl.



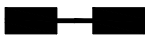
Average Daily Solar Radiation Per Month:

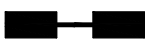
Increasing the tilt 15° in the winter or decreasing 15° in the summer gives the maximum sunlight for recharging the battery.

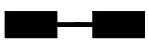


EPA Rating:

EPA of DAB Series

The height of the pole DAB-A16-50-100W- MCTP-SR	10'	12'	14'	16'	18'	20'
	4	4.47	4.94	5.41	5.88	6.35
	3.49	3.96	4.43	4.9	5.37	5.84
	5.6	6.07	6.54	7.01	7.48	7.95

The height of the pole DAB-B20-50-100W- MCTP-SR	10'	12'	14'	16'	18'	20'
	4.13	4.6	5.07	5.54	6.01	6.48
	3.56	4.03	5.5	5.97	6.44	6.91
	5.86	6.33	6.8	7.27	7.74	8.21

The height of the pole DAB-B23-80-150W- MCTP-SR	10'	12'	14'	16'	18'	20'
	4.54	5.01	5.48	5.95	6.42	6.89
	3.91	4.38	4.85	5.32	5.79	6.26
	6.74	7.21	7.68	8.15	8.62	9.09



COLOR CHART: * Choose from one of our Premium Colors with no set-up fee.

Gloss:



SILVER METALLIC
70 GLOSS
T357-GR105



SILVER METALLIC
30 GLOSS
T353-GR06



DARK RED 90
GLOSS
P009-RD02



INTERNATIONAL
ORANGE 90
GLOSS
T009-OG26



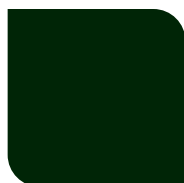
SAFETY ORANGE
90 GLOSS
T009-OG01



YELLOW 90
GLOSS
T009-YL14



YELLOW 90
GLOSS
T009-YL01



TRAFFIC GREEN
70 GLOSS
T007-GN16



GREEN 70 GLOSS
T007-GN13



GREEN 60 GLOSS
C006-GN03



BLUE 90 GLOSS
T009-BL01



DARK BLUE 80
GLOSS
T008-BL20



RAL 8028 TERRA
BROWN 90 GLOSS
C209-BR358

Hammer:



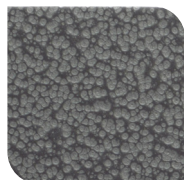
WHITE HAMMER
T013-WH09



BEIGE HAMMER
T013-BG38



GREY HAMMER
C013-GR08



SILVER
HAMMERTONE
T064-GR05



BLACK HAMMER
T013-BK62



RED HAMMER
T013-RD15



GREEN HAMMER
T013-GN220

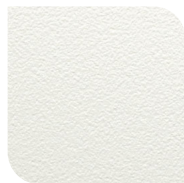


BLUE HAMMER
T013-BL468



BRONZE HAMMER
T012-BR161

Texture:



WHITE TEXTURE
C031-WH120



FLINT GRAY
TEXTURE
T243-GR522



BLACK TEXTURE
C241-BK109



RED TEXTURE
T241-RD129

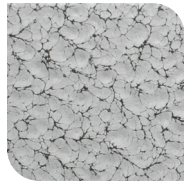


BLUE TEXTURE
C241-BL544

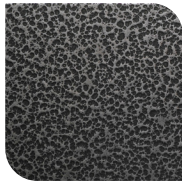


OIL RUBBED
BRONZE TEXTURE
T291-BR251

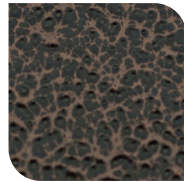
Vein:



BLACK/WHITE
VEIN
T075-WH34



SILVER VEIN
T375-BK26



COPPER VEIN
EXTERIOR
T075-BK211



GOLD VEIN
T375-BK10



COPPER VEIN
T375-BK07

