

PERMANENT ARCHITECTURAL LIGHTING
TO COLOR YOUR WORLD.



ASCEND

by **Dauer**
MANUFACTURING®

Introducing ASCEND by Dauer, the latest innovation from Dauer Manufacturing—
a trusted leader in the low-voltage LED lighting industry.

With decades of expertise in creating high-quality lighting solutions, we are proud to expand into permanent architectural lighting for residential and commercial exteriors. ASCEND by Dauer offers a unique way to elevate the look of your exterior space year-round with customizable, app-controlled, color-changing lights.

Whether you're celebrating a holiday, supporting your favorite team, or hosting a special event, our lighting makes it easy to set the perfect ambiance.

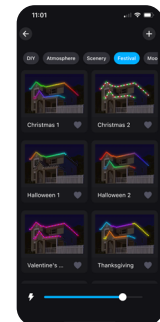


FEATURES:

- Individually addressable lights
- 40" aluminum track sections with custom track colors & fabrication
- Dual diodes RGB & 3000K white on each light
- Power injected every 75 bulbs
- UL- & ETL-certified & IP67 rated
- Lifetime warranty
- Wi-Fi® & APP based – control from anywhere

- Oriented down or out
- Easy to use and install
- Unlimited functions
- Large IP67 coax connections

ASCEND by Dauer lights are controlled by the click of a button on the app.



DETAILS:

Lights:

- Many functions including chase, stack, run, soffit lighting & more
- String lengths (lights per section) - 8" (1 puck), 40" (5 pucks)
- Lights spaced at 8"
- 3 split RGBW diodes per puck
- Full spectrum of white 2700K, 3000K-5000K
- Voltage: 12V
- Lights are dimmable
- Lights can sync to music
- Lights can be individually controlled



Tracks:

- Single track (40" L x 1-5/8" W x 6/8" T)
- Double track
- Parapet track - 90°

Diodes:

- Available in clear or black

Accessories:

- Control box location: indoor or outdoor
- Controller capacity - 2048 lights for single channel
- Standard Power Supply sizes: 350W and 600W
- IP67 CAP for end of wire run

ASCEND SYSTEM COMPONENTS

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Our ASCEND systems are crafted from quality components providing a lifetime of enjoyment.
Various extensions of some of our products are
available so you may custom tailor designs based on your project needs.

APL11012-1
RGBW 3000K 12V LED (SINGLE LIGHT)

APL11012-5
RGBW 3000K 12V LED (SET OF 5)

APL11012-1-BLK
RGBW 3000K 12V LED (SINGLE LIGHT) BLACK

APL11012-5-BLK
RGBW 3000K 12V LED (SET OF 5) BLACK

APL11120
Wi-Fi® BRIDGE (HUB) CONTROLLER

APL11121
SIGNAL BOOSTER

APL11123
POWER T-INJECTOR 12V

APL11126
FEMALE ADAPTER (WIRE DIRECTLY INTO HUB)

APL11220-9003
40" DOUBLE TRACK (2PC) WHITE

APL11230-90-9003
40" PARAPET TRACK 90° WHITE

APL11210-9003
40" ALUMINUM SINGLE TRACK (WHITE)

KEY NUMBERS TO KNOW

TRACK LENGTHS 40"	
WATTS PER LIGHT	0.96
POWER SUPPLY - LIGHTS CONTROLLED	
350W POWER SUPPLY	300
600W POWER SUPPLY	510
SIGNAL BOOSTER GAP BETWEEN LIGHTS	
BEFORE FIRST LIGHT	>10'
GAP BETWEEN LIGHTS	>50'
POWER INJECTION	
NUMBER OF LIGHTS	75
NUMBER OF TRACKS	15
NUMBER OF FEET	50'
WIRE INJECTIONS LIMITS ON POWER SUPPLY - 350W = 4; 600W = 6	
12 AWG - NO MORE THAN 2 INJECTIONS PER RUN	
MUST INJECT AT THE END OF THE LINE IF THE BELOW APPLIES	
NUMBER OF LIGHTS	35
NUMBER OF TRACKS	7
NUMBER OF FEET	25'
WI-FI CONTROLLER - NUMBER OF LIGHTS CONTROLLED	
2048. LIMIT OF 500 LIGHTS PER SEGMENT.	



PRODUCT ORDER NUMBERS & DESCRIPTIONS

ASCEND POWER SUPPLIES

APL11075-R	75W Meanwell Remote Power Supply 12V DC
APL11110-350	12V 350W Power Supply in a Waterproof Box
APL11110-600	12V 600W Power Supply in a Waterproof Box
APL11111-350-KIT	12V 350W Control Box with Power Supply, Wi-Fi® Single Channel Hub Controller, Signal Booster, Female Adapter (Assembled in the USA)
APL11111-600-KIT	12V 600W Control Box with Power Supply, Wi-Fi® Single Channel Hub Controller, Signal Booster, Female Adapter (Assembled in the USA)

ASCEND DATA & POWER COMPONENTS

APL11120	Wi-Fi® Bridge (Hub) Controller, Single Channel, Controls up to 2,048 Lights
APL11121	12V Signal Booster, used where 10' or more from Controller to first light & 50' spans
APL11122	12V Splitter (1-to-2)
APL11123	12V Power Injection T
APL11126	Female Adapter
APL11012-1	RGBW 3000K 12V LED Single Light Clear 8" Length, .96 Watts
APL11012-1-BLK	RGBW 3000K 12V LED Single Light Black 8" Length, .96 Watts
APL11012-5	RGBW 3000K 12V LED Set of 5 Clear 40" Length, .96 Watts per Light
APL11012-5-BLK	RGBW 3000K 12V LED Set of 5 Black 40" Length, .96 Watts per Light

ASCEND POWER EXTENSIONS 12V

APL11312-3	3' 12V Male-to-Female Extension
APL11312-5	5' 12V Male-to-Female Extension
APL11312-10	10' 12V Male-to-Female Extension
APL11312-25	25' 12V Male-to-Female Extension
APL11312-50	50' 12V Male-to-Female Extension
APL11130	50' Extension with Signal Booster (Assembled in the USA)

ASCEND ALUMINUM TRACK

APL11210-8019	40" SINGLE TRACK DARK BROWN
APL11210-9003	40" SINGLE TRACK WHITE
APL11210-9004	40" SINGLE TRACK BLACK
APL11210-9012	40" SINGLE TRACK CREAM
APL11220-8019	40" DOUBLE TRACK DARK BROWN
APL11220-9003 -BLANK	40" DOUBLE TRACK (2 PIECE) WHITE (NO HOLES)
APL11220-9004	40" DOUBLE TRACK BLACK
APL11220-9012	40" DOUBLE TRACK CREAM
APL11230-90-9003	40" PARAPET TRACK 90° WHITE
APL11230-90-9004	40" PARAPET TRACK 90° BLACK

ASCEND ACCESSORY ITEMS

APL11000	Ascend Demo Kit with Case
APL11200	Powder Coat Color Book
APL11330	System Wire End Cap IP67 (Bag of 25)
APL11331	Wire Loom 17mm white 300' per roll
APL11332	Wire Loom 17mm black 300' per roll

LEARN THE SETUP & INSTALLATION PROCESS OF

ASCEND

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WHAT TO EXPECT:

Set up & installation process–

- Lighting components • Lighting orientation and track options
- Installation tips, site assessment, cutting, and trimming • App control - system & scene programming
 - Full day of classroom training (pending class size)
- Coffee with pastries and lunch will be provided • Sufficient breaks in between training
 - Knowledge test to confirm course completion
- Ascend logo and other marketing assets will be emailed following course completion

DEMO KIT INCLUDES:

- Heavy-duty 42" rifle case • Four 40" double tracks with five light strings
- Power supply • Wi-fi® hub controller • Female adapter • Data booster

The Demo Kit is the perfect tool for closing deals.

It is mandatory to be able to practice and learn every function; from programming, scene control, DIY & scribble functions.

GROW YOUR BOTTOM LINE.

Contact your authorized Dauer distributor or Dauer sales representative for training session times and availability.

INTRODUCING THE 2026 ASCEND BY DAUER POWER PLAY REWARDS PROGRAM



DAUER POWER PLAY – HOW IT WORKS

The **Power Play Program** is our way of putting the Power of Dauer in your hands, by rewarding your loyalty with incentives and benefits that enhance the way you do business. The program costs nothing to be a part of, and there are many different types of rewards available to fit your business.

It's our way of saying thank you for choosing ASCEND by Dauer. It's simple. Every time you purchase any ASCEND by Dauer product from any of our high-quality lines, your company can attain different status levels and earn rewards like:

- Exclusive Retreats and Dauer Destinations Bonus Points
- Discounts and Complimentary Passes to ASCEND by Dauer's Power Up Trainings and Continuing Education Sessions
- Official Dauer Power Play Status and Badging • Chance to Earn Referrals and Leads from ASCEND by Dauer
- Opportunity to Earn Complimentary Marketing Allowances and more...

Dauer Manufacturing is the **ONLY** permanent architectural lighting manufacturer in the industry that rewards its customers for their purchases. Start today and work your way up to a **FREE** all-inclusive Dauer Destinations trip for two. Join Dauer's winning team today! Email: info@ASCENDbyDauer.com for more information

REGISTER TODAY!

ASCEND
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