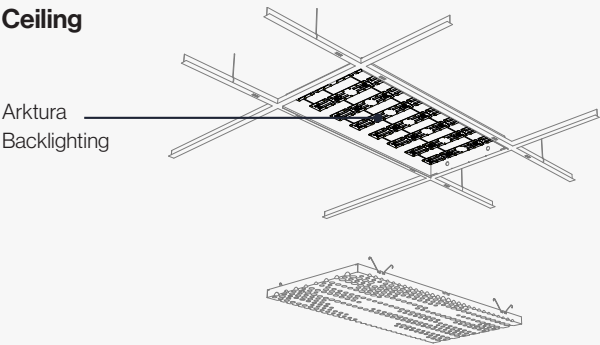


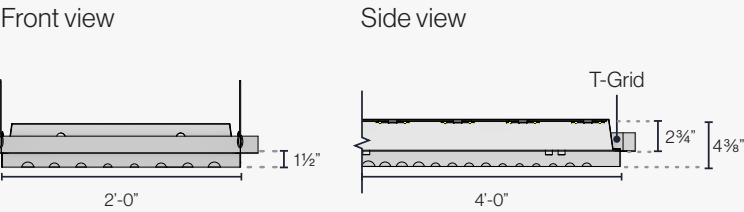
Arktura RGBW Addressable Backlighting Specs

Addressable RGB LEDs deliver dynamic, colorful illumination alongside 3500K white LEDs, providing both vibrant effects and high-quality white light.

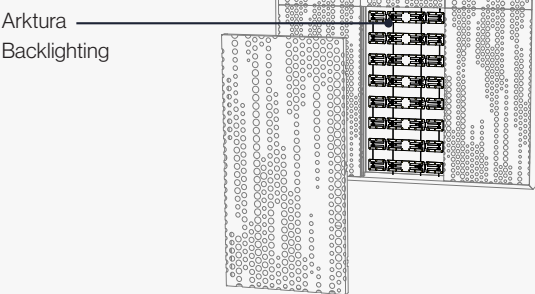
Ceiling



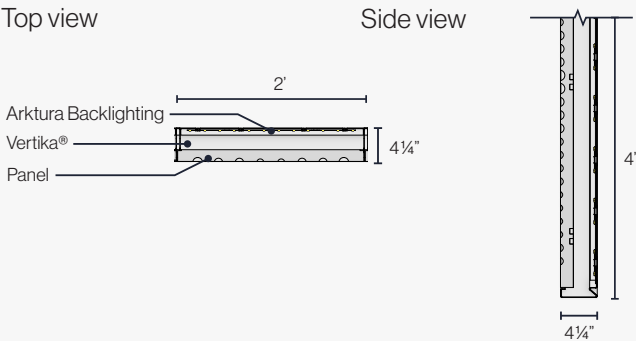
Sections - Ceiling



Vertika® Wall



Sections - Wall



Specs

Product Features	Arktura RGBW Addressable Backlighting
Power Consumption	64W, 24V, 2.7A
Delivered Lumens	Please Reference Next Page for Specific Openness by Pattern
White Channel	24W, 3500K, CRI 90-94
Tuneable White Range*	3000K to 4200K, CRI 85+
RGB Power	52W MAX
Color Wavelength (nm)	R 620-625, G 520-525, B 465-470
Size (LxWxD)	24"x48" - 4 1/4"
Operating Temperature	-20°C 50°C (-4°F 122°F)
Cable	10' Factory Installed Plenum Rated Power Wires
Data	3' Plenum Rated Data Wire
IP Rating	IP64
Enviroment	Suitable for Wet, Damp or Dry locations
Markings	ETL Listed, Complies with UL 2108 & CSA C22.2#250.13:2020 Ed.4+U1
Warranty	5 Years, Limited
Resolution	8 X 4, 32 Nodes, 128 Channels (4 nodes per sqft)

* 3500K White LED + Color LED
i Illustrative images. Patterns may not match the product.

Arktura RGBW Backlighting % Open & Lumen Output

Product	% Open	(W) Channel	(RGB) Channels	All Channels
Vapor® Cora	68%	1176	1419	2543
Vapor® Bloom	20%	400	483	865
Vapor® Breeze	23%	457	551	988
Vapor® Bond	7%	141	170	305
Vapor® Byte	6%	120	145	260
Vapor® Cluster Dense	40%	759	916	1642
Vapor® Cluster Sparse	10%	203	245	439
Vapor® Cumula	18%	362	437	783
Vapor® Element 605	6%	120	145	260
Vapor® Element 3212	35%	674	813	1458
Vapor® Element 3428	34%	656	791	1419
Vapor® Frequency C-D	17%	342	413	740
Vapor® Frequency A-B	4%	78	94	169
Vapor® Liana	17%	342	413	740
Vapor® Gradients	17%	342	413	740
Vapor® Sky	19%	381	460	824
Vapor® Pixel	19%	381	460	824
Vapor® Syntax	6%	120	145	260
Vapor® Trail	24%	476	574	1029
Vapor® Shift X	53%	965	1164	2087
Vapor® Transit	10%	203	245	439
Vapor® Verve	14%	283	341	612
Vapor® Dappled	34%	656	791	1419
Vapor® Horizon	33%	639	771	1382
Vapor® Radia	34%	656	791	1419

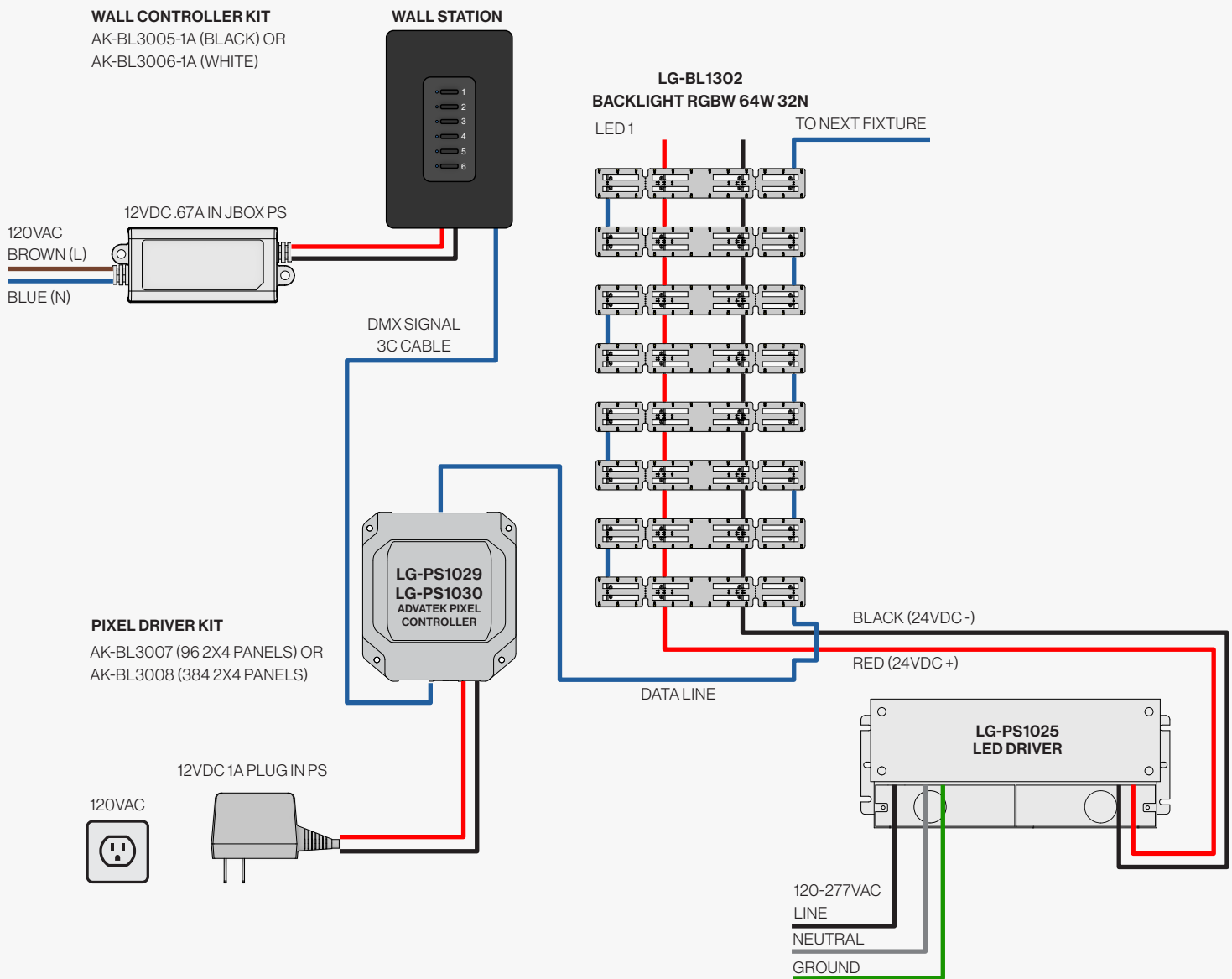
Product	% Open	(W) Channel	(RGB) Channels	All Channels
VaporSoft® Cluster Dense	40%	759	916	1642
VaporSoft® Cora	68%	1176	1419	2543
VaporSoft® Trail	24%	476	574	1029
VaporSoft® Cluster Sparse	10%	203	245	439
Trace® Curved	55%	994	1199	2150
Trace® Slide	8%	162	195	350
Trace® Skew	62%	1095	1321	2368
Trace® Slant	43%	808	975	1748
Trace® Straight	54%	979	1181	2117
Particle® Ion	5%	99	119	214
Particle® Code	9%	182	220	394
Particle® Phase	4%	78	94	169
Particle® Fuse	4%	78	94	169
Particle® Urban	10%	203	245	439
Delta Drop® 2x4 Full Pattern	12%	231	278	499
Delta Drop® 2x4 Half Pattern	7%	134	162	290
Delta Drop® 4x4 Full Pattern *	14%	538	649	1163
Delta Drop® 4x4 Half Pattern *	7%	268	323	579

* Delta Drop® 4x4 shown with two Light Fixtures per panel.

Arktura RGBW Addressable Backlighting Specs

LG-PS1025

Wiring Diagram



i 50' plenum rated 3 conductor control cable from Wall Station to Pixel Driver provided.

Arktura RGBW Addressable Backlighting Specs

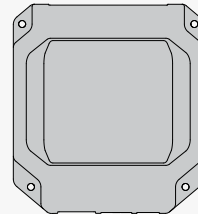
AK-BL3007 (96 2X4 Panels), AK-BL3008 (384 2x4 Panels)

Pixel Driver Kit

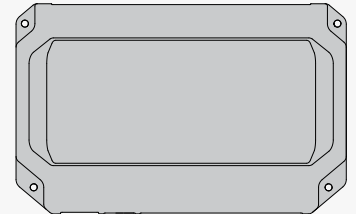
Advatek Pixel Controller(s) + 12V Power Supply

Specs

Operating Voltage	5V - 24V DC
Power Consumption	2.5W AK-BL3007 / 3.5W AK-BL3008
Operating Temperature	-20°C to 70°C
Environment	Indoor Only*
Markings	ETL Listed, AV I.C.T.E, FCC, ROHS
Warranty	5 Years, Limited

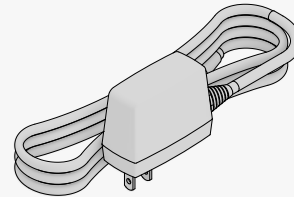


Or



Power Supply**

Input Power	0.2A / 120V
Output Power	1A 12V (12W)
Form Factor	Plug In Wall Adapter, 2.1mm Barrel Plug
Markings	UL Listed
Operating Temperature	-20°C to 70°C



* Enclosure available for exterior applications.

** Requires 15A 120V receptacle.

AK-BL3005-1A (Black), AK-BL3006-1A (White)

Wall Controller Kit

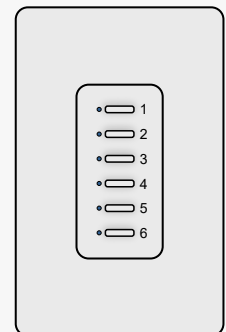
6 Button/24 Setting Wall Station + In JBOX 12V Power Supply

Specs

Operating Voltage	12V-24V DC*
Power Consumption	2W Max
Operating Temperature	0°C to 60°C
Environment	Indoor Only
Mounting	Single Gang, Decora Style Mount w/Cover Plate
Finish	Available in White or Black Standard

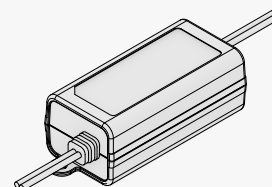


Or



Power Supply

Input Power	0.3A / 120V
Output Power	0.67A 12V (8W)
Form Factor	Small Enclosed, In Jbox**
Markings	UL Recognized
Operating Temperature	-30°C to 70°C



* Isolated Class 2 power supply required - Provided by Arktura.

** Requires independent 2 1/2" min depth single gang box.

① 50' plenum rated 3 conductor control cable from Wall Station to Pixel Driver provided.