



Date: \_\_\_\_\_ Type: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Project: \_\_\_\_\_

## SkyRibbon

### Essential Color Wall Washing Powercore

Recessed linear interior LED wall washing fixture with solid color light

SkyRibbon Essential Color Wall Washing Powercore is a recessed linear interior LED wall washing fixture offering intensely saturated, dimmable light in applications calling for solid red, green, blue, or amber light. Brilliant light output and industry-leading color consistency make fixtures ideal for a variety of interior wall-washing applications. Users can rotate LED modules up to 90° to evenly wash walls top to bottom regardless of fixture setback. Multiple housing options accommodate a number of installation methods.

- Four color options — LED modules are available in solid red, green, blue, or amber.
- High-quality illumination in a variety of beam angles — Native 20° x 20° beam angle. Holographic diffusion lenses offer additional 30° x 30°, 30° x 60°, 35° x 105°, 65° x 65°, 70° x 95°, and 90° x 90° beam angle options for design flexibility.
- Multiple housing options for installation and mounting flexibility — T-Bar, Flanged, and Flangeless housings support numerous installation methods and appearances.
- Integrates patented Powercore technology — Powercore rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage, eliminating the need for an external power supply.

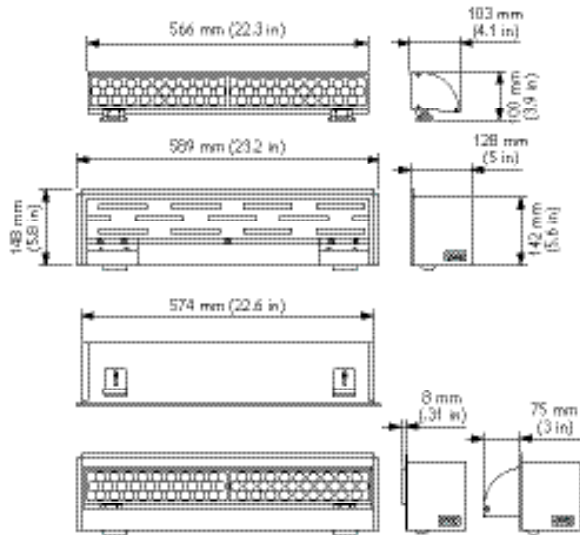
- Dimming capability — Patented DIMand technology offers smooth dimming capability with selected commercially available reverse-phase ELV-type dimmers.
- Optibin advanced binning algorithm — Exceeds the recognized standards for color quality to guarantee uniformity and color consistency across LED sources, fixtures, and manufacturing runs.
- Three voltage options — Available 120 VAC, 220 – 240 VAC, and 277 VAC fixtures ensure consistent operation in a number of major international regions.

For detailed product information, please refer to SkyRibbon Essential Color Wall Washing Powercore Product Guide at [www.philipscolorkinetics.com/ls/ecolor/skyribbon-wall-washing/](http://www.philipscolorkinetics.com/ls/ecolor/skyribbon-wall-washing/)

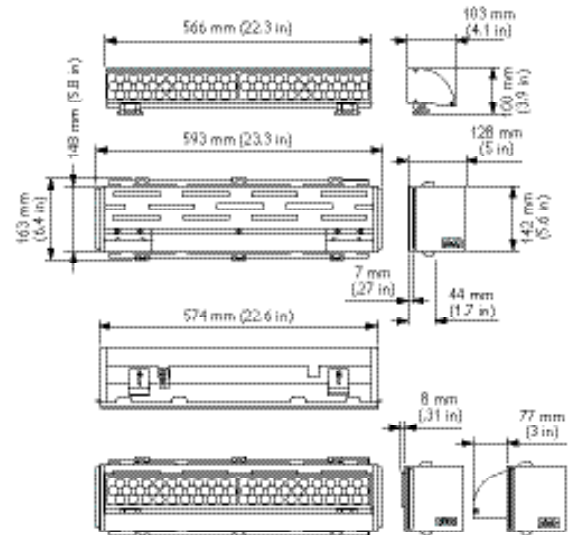
# PHILIPS

# CE Dimensional Diagrams

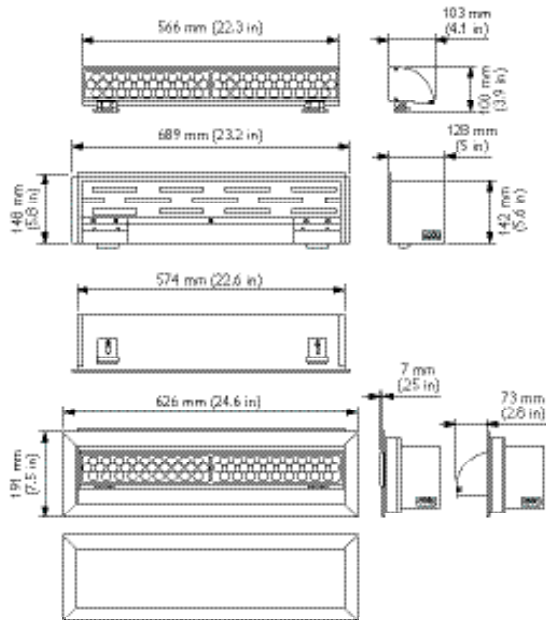
SkyRibbon Wall Washing Powercore  
T-Bar Housing, 220 – 240 VAC



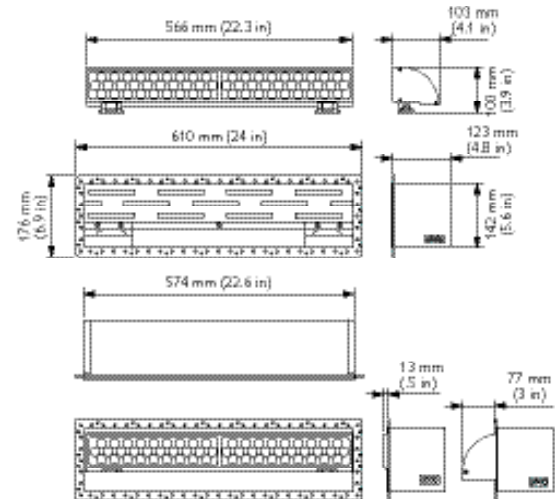
SkyRibbon Wall Washing Powercore  
Slotted-T Housing, 220 – 240 VAC



SkyRibbon Wall Washing Powercore  
Flanged Housing, 220 – 240 VAC

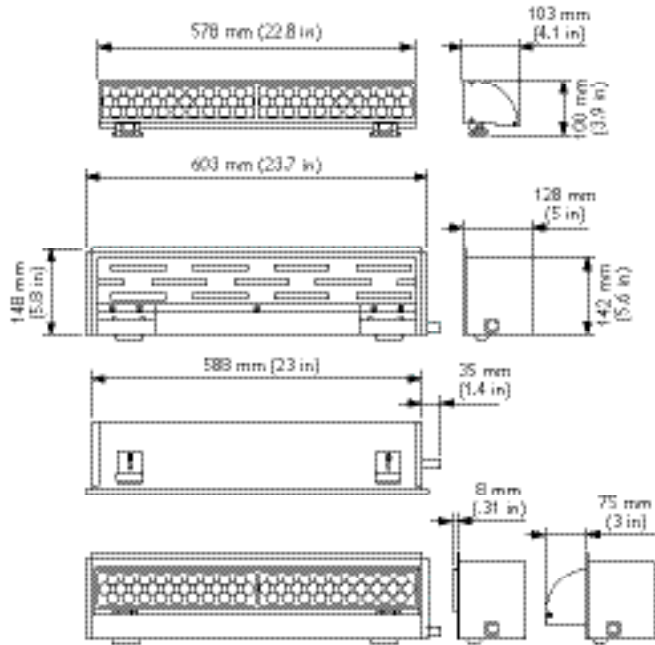


SkyRibbon Wall Washing Powercore  
Flangeless Housing, 220 – 240 VAC

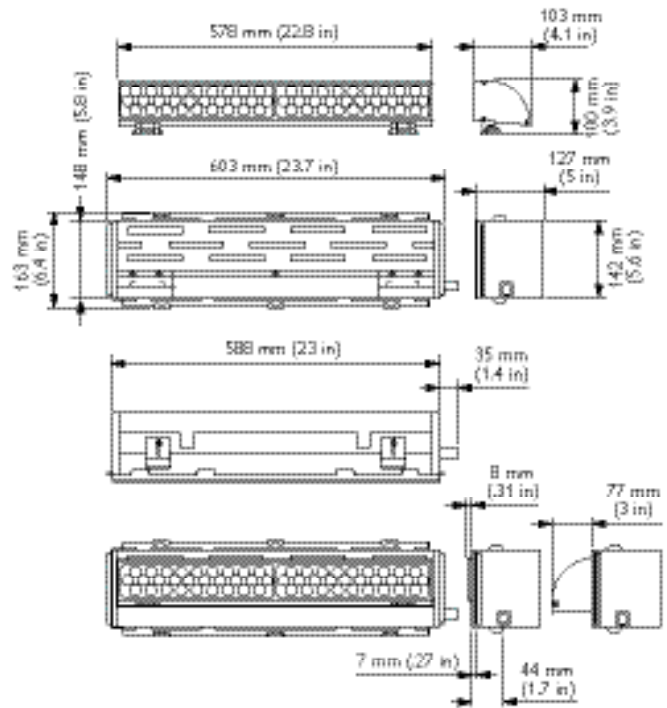


# UL Dimensional Diagrams

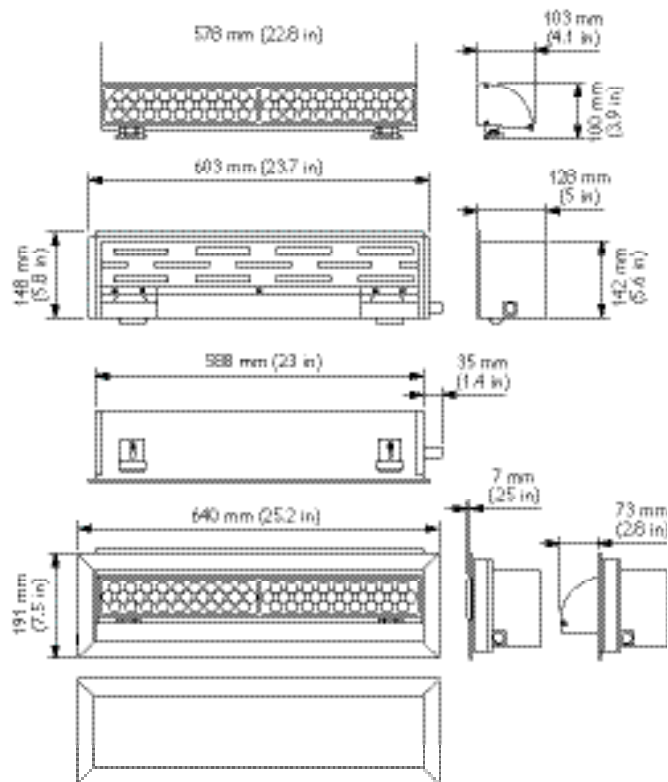
SkyRibbon Wall Washing Powercore  
T-Bar Housing, 120 VAC / 277 VAC



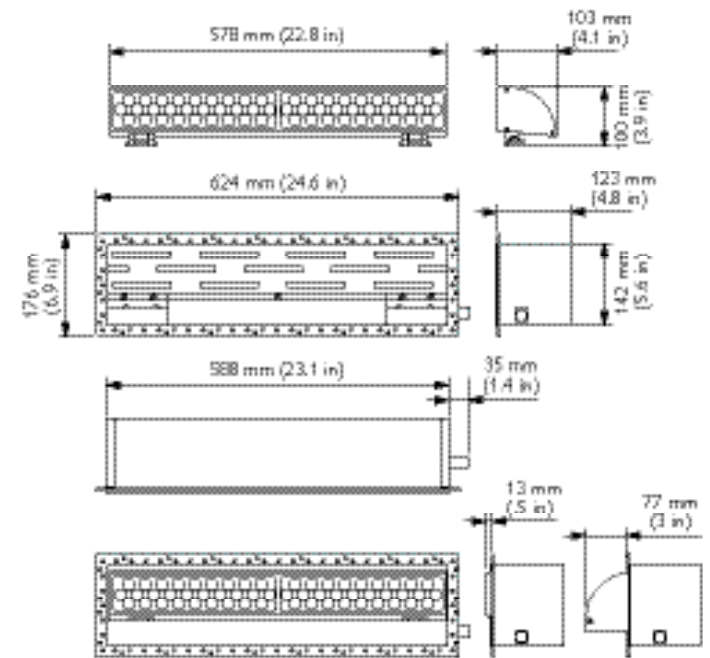
SkyRibbon Wall Washing Powercore  
Slotted-T Housing, 120 VAC / 277 VAC



SkyRibbon Wall Washing Powercore  
Flanged Housing, 120 VAC / 277 VAC



SkyRibbon Wall Washing Powercore  
Flangeless Housing, 120 VAC / 277 VAC



# Specifications / SkyRibbon Essential Color Wall Washing Powercore

Due to continuous improvements and innovations, specifications may change without notice

Item	Specification	Details
Electrical	Input Voltage	120 VAC, 220 – 240 VAC, 277 VAC, 50 / 60 Hz
	Power Consumption	70 W maximum at full output, steady state
Control	Dimming	Compatible with selected commercially available reverse-phase ELV-type dimmers*
Physical	Housing Material	Steel, white powder-coated finish
	Lens	Polycarbonate
	Fixture Connections	7 in (178 mm) flying leads, integral male / female connectors (120 / 277 VAC) Wieland integral male / female connectors (220 – 240 VAC)
	Temperature Ranges	-4° – 104° F (-20° – 40° C) Operating -4° – 104° F (-20° – 40° C) Startup -40° – 176° F (-40° – 80° C) Storage
	Fixture Run Lengths	To calculate fixture run lengths and total power consumption for your specific installation, download the Configuration Calculator from <a href="http://www.philipscolorkinetics.com/support/install_tool/">www.philipscolorkinetics.com/support/install_tool/</a>
Certification and Safety	Humidity	0 – 95%, non-condensing
	Certification	UL / cUL, CE, FCC Class A
	Environment	Dry / Damp Location, IP20

\* Refer to [www.philipscolorkinetics.com/support/appnotes/](http://www.philipscolorkinetics.com/support/appnotes/) for specific details.






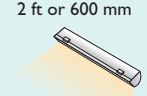
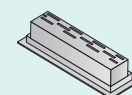
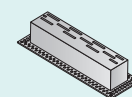
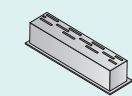
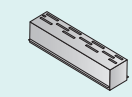
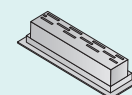
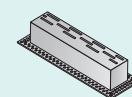
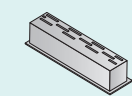
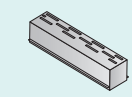
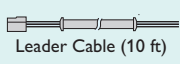
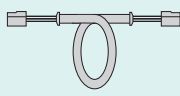
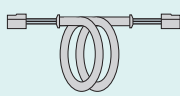
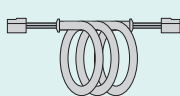
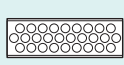
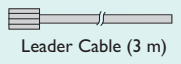
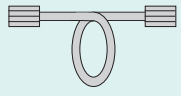
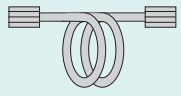
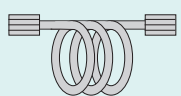
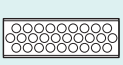
## Dimensions and Weight

Fixture		Flanged	Flangeless	T-Bar	Slotted-T
120 VAC / 277 VAC	Housing Dimensions (Height x Width x Depth)	5.8 x 23.7 x 5 in	6.9 x 24.6 x 4.8 in	5.8 x 23.7 x 5 in	6.4 x 23.7 x 5 in
	Assembled Weight†	10.4 lbs	8.6 lbs	8.6 lbs	8.6 lbs
220 – 240 VAC	Housing Dimensions (Height x Width x Depth)	148 x 689 x 128 mm	176 x 610 x 123 mm	148 x 589 x 128 mm	163 x 593 x 128 mm
	Assembled Weight†	4.7 kg	3.9 kg	3.9 kg	3.9 kg

† Assembled weight includes fixture housing and LED module.

# Product Selection

To order a complete SkyRibbon Essential Color Wall Washing Powercore fixture, choose a housing (voltage, length, and type), an LED module, a spread lens, a Leader Cable, and optional Jumper Cables and louvers.

1 Choose housing type		2 Choose LED module		3 Choose optional spread lens		4 Choose optional accessories					
<b>120 VAC or 277 VAC</b>		<b>220 – 240 VAC</b>		 <p>Red 2 ft or 600 mm</p>  <p>Green 2 ft or 600 mm</p>  <p>Blue 2 ft or 600 mm</p>  <p>Amber 2 ft or 600 mm</p>		<p>30° x 30°</p> <p>30° x 60°</p> <p>35° x 105°</p> <p>40° x 80°</p> <p>65° x 65°</p> <p>70° x 95°</p> <p>90° x 90°</p>		<b>120 VAC / 277 VAC</b>		<b>220 – 240 VAC</b>	
 <p>Flanged (2 ft)</p>  <p>Flangeless (2 ft)</p>  <p>T-Bar (2 ft)</p>  <p>Slot-T (2 ft)</p>		 <p>Flanged (600 mm)</p>  <p>Flangeless (600 mm)</p>  <p>T-Bar (600 mm)</p>  <p>Slot-T (600 mm)</p>				 <p>Leader Cable (10 ft)</p>  <p>Jumper Cable (1 ft)</p>  <p>Jumper Cable (4 ft)</p>  <p>Jumper Cable (8 ft)</p>  <p>Louver (2 ft)</p>		 <p>Leader Cable (3 m)</p>  <p>Jumper Cable (0.9 m)</p>  <p>Jumper Cable (1.4 m)</p>  <p>Jumper Cable (1.7 m)</p>  <p>Louver (600 m)</p>			

For 220—240 VAC installations, you must use leader and jumper cables.

For 120 / 277 VAC installations, you can either use leader and jumper cables or hardwire the fixtures. When hardwiring, the fixture acts as a junction box.

## 2 ft / 120 VAC or 277 VAC

Item	Voltage	Type	Item Number	Philips 12NC
Housings	120 VAC	T-Bar	172-000072-00	910503703213
		Slotted-T	172-000072-12	910503704284
		Flanged (fixture and flange)	172-000072-00 and 120-000172-14	910503703213 and 120-000172-09
		Flangeless	172-000072-01	910503703214
	277 VAC	T-Bar	172-000072-04	910503704245
		Slotted-T	172-000072-14	910503704286
		Flanged (fixture and flange)	172-000072-04 and 120-000172-14	910503704245 and 120-000172-09
		Flangeless	172-000072-05	910503704246

Item	Color	Item Number	Philips 12NC
LED Modules 120 / 277 VAC	Red	223-000072-00	910503702628
	Green	223-000072-01	910503702629
	Blue	223-000072-02	910503702630
	Amber	223-000072-03	910503702631

Item	Beam Angle	Item Number	Philips 12NC
Spread Lenses 120 / 277 VAC	30° x 30°	120-000172-01	910503702691
	30° x 60°	120-000172-02	910503702692
	35° x 105°	120-000172-03	910503702693
	40° x 80°	120-000172-04	910503702694
	65° x 65°	120-000172-06	910503702696
	70° x 95°	120-000172-07	910503702697
	90° x 90°	120-000172-08	910503702698

Use Item Number when ordering in North America.

## Product Selection (continued)

Item		Length	Item Number	Philips 12NC
Leader Cable and Accessories 120 / 277 VAC	Leader Cable	10 ft	108-000072-03	910503703135
	Jumper Cable	1 ft	108-000072-00	910503702835
		4 ft	108-000072-01	910503702836
		8 ft	108-000072-02	910503702837
	Louver		120-000172-00	910503702690

Use Item Number when ordering in North America.

## 600 mm / 220 – 240 VAC

Item	Type	Item Number	Philips 12NC
Housings 220–240 VAC	T-Bar	172-000072-08	910503704262
	Slotted-T	172-000072-16	910503704631
	Flanged (fixture and flange)	172-000072-09	910503704263
	Flangeless	172-000072-18	910503705010

Item	Color	Item Number	Philips 12NC
LED Modules 220–240 VAC	Red	223-000072-04	910503704254
	Green	223-000072-05	910503704255
	Blue	223-000072-06	910503704256
	Amber	223-000072-07	910503704257

Item	Beam Angle	Item Number	Philips 12NC
Spread Lenses 220–240 VAC	30° x 30°	120-000161-01	910503704213
	30° x 60°	120-000161-02	910503704214
	35° x 105°	120-000161-03	910503704215
	40° x 80°	120-000161-04	910503704216
	65° x 65°	120-000161-06	910503704218
	70° x 95°	120-000161-07	910503704219
	90° x 90°	120-000161-08	910503704220

Item		Length	Item Number	Philips 12NC
Leader Cable and Accessories 220–240 VAC	Leader Cable	3 m	108-000072-13	910503705047
	Jumper Cable	0.9 m	108-000072-15	910503705049
		1.4 m	108-000072-16	910503705050
		1.7 m	108-000072-17	910503705051
	Louver		120-000161-00	910503704249

Use Item Number when ordering in North America.



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