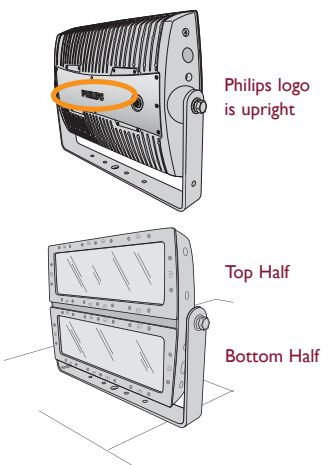# ColorReach Powercore gen2

UL/CE

Premium long-throw exterior LED floodlight with intelligent color light

Ordering Information

Select one color or color temperature for each channel to specify a complete configuration.

Color/Color Temp	
Red	
Amber	
Green	
Blue	
Royal Blue	
2200 K	
2700 K	
3000 K	
3500 K	
4000 K	
5500 K	
6000 K	
6500 K	

Top Half

Channel 1

Channel 2

Channel 3

Bottom Half

Channel 4

Channel 5

Channel 6

Philips logo is upright

Top Half

Bottom Half

Standard Configuration

The standard configuration for ColorReach Powercore gen2 is Red, Green, and Blue LEDs in each half of the fixture. Order the standard configuration using the Item Number or Philips 12NC. The standard configuration is not subject to a minimum order quantity or extended production lead time.

Standard Configuration Example: ColorReach Powercore gen2, 100-277V, UL/CE, Red, Green, Blue, Red, Green, Blue

(Use Item Number 123-000153-02 or Philips 12NC 912400133609)

Custom Configurations

If you select LEDs in any configuration other than the standard, your configuration is custom.

Minimum Order Quantity: 20 fixtures for each custom configuration
Production Lead time: 12 weeks ARO (standard shipping options apply)

Custom Configuration Example: Special, ColorReach Powercore gen2, Amber, Green, Blue, 2700 K, 2700 K, 2700 K

(Contact your Philips Lighting Sales group with the product description for custom configurations.)

In North America contact: Philips Color Kinetics Sales, 888.385.5742 or sales@colorkinetics.com

PHILIPS

ColorReach Powercore Standard Configuration

Item		Item Number	Philips 12NC
ColorReach Powercore gen2 *(Leader Cable sold separately)*	RGB	123-000153-02	912400133609

CHROMACORE® CK TECHNOLOGY | OPTIBIN® CK TECHNOLOGY | POWERCORE® CK TECHNOLOGY

CE c(UL)us LISTED (P E)

Accessories, Spread Lenses, and Data Enablers

Item	Type		Item Number	Philips 12NC
Replacement Leader Cable	UL	3.0 m (10 ft)	108-000055-03	910503704066
		15.2 m (50 ft)	108-000055-00	910503703137
	CE	3.0 m (10 ft)	108-000055-04	910503704067
		15.2 m (50 ft)	108-000055-01	910503704064
ColorReach Powercore Spread Lens with bezel	8°		120-000068-17	912400133598
	13°		120-000068-12	912400133593
	23°		120-000068-13	912400133594
	43°		120-000068-14	912400133595
	63°		120-000068-15	912400133596
	5° x 17° (Asymmetric)		120-000068-16	912400133597
Data Enabler Pro	3/4 in / 1/2 in NPT (US trade size conduit)		106-000004-00	910503701210
	PG21/PG13 (metric size conduit)		106-000004-01	910503701211

Use Item Number when ordering in North America.

✹ *For more information on how to buy Philips Color Kinetics LED lighting systems, visit www.philipscolorkinetics. com/ls/howtobuy/*

Features

ColorReach Powercore gen2 high-performance LED fixtures are premium exterior long-throw dynamic color changing luminaires for lighting tall buildings, bridges, and iconic structures. ColorReach Powercore gen2 offers a range of accessories that allow for customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminum housing.

- Improved color mixing—Provides more punch and light quality for exterior long throw applications
- Unparalleled light output—ColorReach Powercore gen2 offers unprecedented LED-based illumination of large-scale structures and objects
- Expanded customization with a wide range of new Philips accessory options
- Superior color consistency and accuracy using Optibin technology
- Integrates patented Powercore technology that controls power output to fixtures directly from line voltage
- Simple fixture positioning—Rugged, slim-profile mounting bracket allows simple positioning and rotation through a full 360°
- Universal power input range of 100 — 277 VAC, directly from line voltage
- Works seamlessly with the complete Philips Color Kinetics line of controllers

Special Color Specifications

The standard ColorReach Powercore gen2 configuration uses three channels of LEDs— Red, Green, and Blue—to produce a full range of 16.7 million additive RGB colors. With custom configurations, you can support special applications by exchanging the LEDs in any or all of the fixture's three channels. Available LEDs include white-light LEDs in eight color temperatures ranging from a warm 2200 K to a cool 6500 K, or Royal Blue, Blue, Green, Amber, or Red LEDs.

Color	Dominant Wavelength Range (nm)
Royal Blue	450 – 465
Blue	465 – 485
Green	520 – 535
Amber	585 – 595
Red	620 – 630

For detailed product information, please refer to the ColorReach Powercore gen2 Product Guide at www.philipscolorkinetics.com/ls/rgb/colorreach/