

eW Downlight Powercore



eW Downlight Powercore Energy-efficient LED downlight

eW[®] Downlight Powercore is a low-profile, surface-mounted LED downlight for basic white general illumination. This easy-to-install, dimmable fixture uses standard mounting and direct line voltage connection without the need for remote transformers. Ideally suited for lobbies, corridors, elevators, conference rooms, common spaces, kitchenettes, and interiors in commercial, hospitality, retail, and residential environments, eW Downlight Powercore is especially appropriate where recessed installation is not possible.

- Integrates patented Powercore[®] technology

 Powercore technology rapidly, efficiently, and accurately controls power output to eW
 Downlight Powercore fixtures directly from line voltage, eliminating the need for transformers or other external power supplies.
- Simple, standard installation Contractorfriendly installation uses standard wiring and mounting to dramatically simplify installation and help lower total system cost.
- High-quality light at substantially lower cost Provides light level and quality comparable to CFL downlights with no wasted energy, light, or heat. Offers total cost of ownership reduction of up to 58% as compared with CFL downlights.
- ENERGY STAR[®] qualified As an ENERGY STAR qualified LED luminaire, eW Downlight Powercore uses 80% less energy and can last over 40 times longer than incandescent lighting — up to 85,000 hours of use at 70% lumen maintenance.
- Revolutionary thermal management system Unique convection current design optimizes cooling for maximum efficiency and lifetime.
- Warm and cool color temperatures Available in two color temperatures, a warm 2700 K

appropriate for intimate, open environments such as restaurants, hotel lobbies, and homes, and a cool 4000 K for lighting clean and efficient spaces such as offices, classrooms, and hospitals.

- Flexible mounting options Mounts to junction box or directly to a flat mounting surface where allowed. Slotted through-holes in the mounting plate provide adjustment in surface mount applications. Swivel bracket for 120 and 277 VAC units allows precise adjustment during installation.
- Two available beam angles Available with a 30° beam angle for high ceilings or spotlighting an area or object, and a 65° beam angle for floodlighting and low-ceiling environments such as corridors.
- Four available voltages Power modules of 100, 120, 220 – 240, and 277 VAC for consistent installation and operation in multiple locations.
- Unobtrusive, sleek design Low-profile fixture is ideal for surface mounting and semi-recessed applications. Metal bezel is available in white, black, or brushed aluminum. Custom bezel colors are also available.
- Dimming capability Patented DIMand[®] technology offers smooth dimming capability with many ELV-type dimmers.





Transforming the Downlight: Elegance and Sustainability

Flinstering

Flinstering, a funky restaurant in Breda, the Netherlands, demonstrates how LED lighting can bring an extra dimension to hospitality. The cozy eatery uses LED lighting throughout the premises to help create a memorable dining experience for guests, while reaping the benefits of its long lifetime, low maintenance, simplicity of installation, and energy efficiency.

To differentiate Flinstering from other area venues, the owners used LED lighting as an important component in the restaurant's design. eW Downlight Powercore fixtures, which provide general illumination throughout the restaurant, helped the owners to create a warm atmosphere while dramatically cutting energy consumption.



Low-profile eW Downlight Powercore directly accepts line voltage to provide easy and unobtrusive installation. Although its output is comparable to a 50-watt halogen bulb, eW Downlight Powercore yields energy savings of roughly 70%. The restaurateurs are delighted with the design and warm 2700 K color temperature, which is equivalent to that of traditional halogen sources.



Heineken The City

Heineken added a new dimension to its company by opening a unique, ultramodern concept store, Heineken The City, in the brewer's home city of Amsterdam. The store sells special products and services — including music, fashion, travel, events, and its signature beer — in six renovated historical buildings.

Heineken The City's revolutionary, hypermodern design makes effective use of the latest technology, including speaking mirrors, 3D television screens, an ice wall, and

interactive pillars. The store is the first in Europe to be entirely illuminated by LED lighting. The lighting designers found LED lighting to be the perfect choice for general, accent, and decorative applications throughout the store.

General lighting is provided by dozens of surface-mounted eW Downlight Powercore fixtures, which can offer either cool or warm white light. Cool 4000 K fixtures illuminate the two-story entrance, while warm 2700 K fixtures illuminate the sound studio for a cozier, more intimate atmosphere. Fixtures with a narrow 30° beam angle is used in areas with high ceilings, while the wide 65° beam angle is used in areas with lower ceilings.

Visitors have been pleased and impressed with the Heineken The



City's sophisticated ambiance since the day it opened, while the store's owners and managers benefit from the long lifetime and low energy consumption of the eW Downlight Powercore fixtures and other LED fixtures used in the store.

Photometrics

Photometric data is based on test results from an independent NIST traceable testing lab. IES data is available at www.colorkinetics.com/support/ies.

90

667 210 38 14 673 212 39 15

2 2

0 0 0

0 0 0 0

22.5 44 67.5 90

549 635 549 619 549 610

590 468 599 476 610 483

> 0 0 0

17

> 4 4 2

0 0

0

601 471

77 17 79 17 79 18 81 81 18

1274

1046

eW Downlight Powercore 4000 K, 30° (narrow) beam angle

Lumens	420
Efficacy	28.0 lm / W

Polar Candela Distribution



Illuminance at Distance



35.7 ft (10.9 m) 1 fc maximum distance Vert. Spread: 33.8° Horiz. Spread: 32.3°

Zonal Lumen

Cd: 0

212

425

637

849

1,062

1.247 VA: 0°

Zone	Lumens	% Lamp	% Luminaire
0-30	379.4	90.1%	90.5%
0-40	403.8	95.9%	96.3%
0-60	418.1	99.3%	99.7%
60-90	1.1	0.3%	0.3%
0-90	419.2	99.6%	100%
90-180	0	0%	0%
0-180	419.2	99.6%	100%

Coefficients Of Utilization - Zonal Cavity Method

											E	ffectiv	e Flo	or Ca	vity R	eflect	ance:	20%
RCC %:		8	0			7	0			50			30			10		0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.12	1.10	1.08	1.12	1.10	1.08	.95	1.06	1.04	1.03	1.02	1.01	1.00	.98	.98	.97	.95
2	1.10	1.06	1.02	.99	1.07	1.04	1.01	.91	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3	1.05	1.00	.96	.93	1.04	.99	.95	.87	.96	.93	.91	.94	.91	.89	.92	.90	.88	.87
4	1.01	.95	.91	.87	1.00	.94	.90	.84	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5	.98	.91	.86	.83	.96	.90	.86	.80	.88	.85	.82	.87	.84	.81	.85	.83	.80	.79
6	.94	.87	.82	.79	.93	.86	.82	.77	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76
7	.91	.83	.79	.75	.90	.83	.78	.74	.82	.78	.75	.80	.77	.74	.79	.76	.74	.73
8	.88	.80	.75	.72	.87	.79	.75	.71	.78	.74	.72	.78	.74	.71	.77	.73	.71	.70
9	.85	.77	.72	.69	.84	.76	.72	.68	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
10	.82	.74	.69	.66	.81	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65

RCC %: Ceiling reflectance percentage, RW %: Wall reflectance percentage, RCR: Room cavity ratio

eW Downlight Powercore 4000 K, 65° (wide) beam angle

Lumens	525
Efficacy	35.0 lm / W

Polar Candela Distribution



Illuminance at Distance

	Center Beam fc		Beam V	/idth
3.0 fr	61 fc	<u> </u>	3.4 ft	3.4 ft
6.0 ft	15 fc		6.7 ft	6.8 ft
9.0.6	7 fc		10.1 ft	10.2 ft
12.0.6	4 fc		13.5 ft	13.5 ft
15.0 ft	2 fc		16.8 ft	16.9 ft
19.0 6	2 fc		20.2 ft	20.3 ft

Coefficients Of Utilization - Zonal Cavity Method

											E	ffectiv	e Flo	or Ca	vity R	eflect	ance:	20%
RCC %:		8	0			7	0			50			30			10		0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.11	1.09	1.07	1.11	1.09	1.07	.94	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2	1.08	1.04	1.00	.97	1.06	1.02	.99	.89	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3	1.03	.97	.93	.89	1.01	.96	.92	.84	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4	.99	.91	.86	.82	.97	.90	.86	.79	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
5	.94	.86	.81	.77	.92	.85	.80	.74	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6	.90	.81	.76	.72	.88	.81	.75	.70	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7	.86	.77	.71	.67	.84	.76	.71	.66	.75	.70	.67	.74	.70	.66	.73	.69	.66	.65
8	.82	.73	.67	.63	.81	.72	.67	.62	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9	.78	.69	.63	.60	.77	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58
10	.75	.66	.60	.56	.74	.65	.60	.56	.64	.60	.56	.64	.59	.56	.63	.59	.56	.55

For lux multiply fc by 10.7

Zonal Lumen

2.5 0.5%

> 0 0%

Total Efficiency: 99.8%

525.1 99.8%

525.1 99.8%

Lumens % Lamp % Luminaire 434.7 82.6% 504.5 95.9% 522.6 99.4%

82.8%

96.1% 99.5%

0.5%

100%

100%

0%

Zone

0-30

0-40 0-60

60-90

0-90

90-180

0-180

eW Downlight Powercore 2700 K, 30° (narrow) beam angle

Lumens	405
Efficacy	27.0 lm / W

Polar Candela Distribution

30° 40°

- 90° H

90°

80°

70°

60°

50°





33.5 ft (10.2 m) 1 fc maximum distance

Vert. Spread: 34.9° Horiz. Spread: 35.8°

Zonal Lumen

🔳 - 0° H

10° 20°

Cd: 0

186

373

559

745

932

1,118 VA: 0°

Zone	Lumens	% Lamp	% Luminaire						
0-30	358.3	88.3%	88.6%						
0-40	387.1	95.3%	95.7%						
0-60	402.8	99.2%	99.6%						
60-90	1.7	0.4%	0.4%						
0-90	404.5	99.6%	100%						
90-180	0	0%	0%						
0-180	404.5	99.6%	100%						
Total E	Total Efficiency: 99.6%								

Coeffic	ients O	f Utilization -	Zonal	Cavity Metho	d	
				Effective Floor Cavit	y Reflectance	e: 20%
D 0 0 0/						

RUC %:		8	0				0			50			30			10		0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	<u>20</u>	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.12	1.09	1.08	1.12	1.09	1.08	.95	1.05	1.04	1.03	1.02	1.01	1.00	.98	.97	.97	.95
2	1.09	1.05	1.02	.99	1.07	1.04	1.01	.91	1.00	.98	.96	.98	.96	.94	.95	.93	.92	.90
3	1.05	1.00	.96	.92	1.03	.98	.95	.87	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4	1.01	.95	.90	.87	.99	.94	.89	.83	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5	.97	.90	.86	.82	.96	.89	.85	.79	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6	.94	.86	.81	.78	.92	.86	.81	.76	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
7	.90	.83	.78	.74	.89	.82	.77	.73	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
8	.87	.79	.74	.71	.86	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.69
9	.84	.76	.71	.68	.83	.76	.71	.67	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
10	.81	.73	.68	.65	.80	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.65	.64
	o																	
RCC %: Ceiling reflectance percentage, RW %: Wall reflectance percentage, RCR: Room cavity ratio																		

For lux multiply fc by 10.7

eW Downlight Powercore 2700 K, 65° (wide) beam angle

Lumens	527
Efficacy	35.1 lm / W

Polar Candela Distribution



Illuminance at Distance



1 fc maximum distance

Zonal Lumen

Zone	Lumens	% Lamp	% Luminaire					
0-30	438.9	83.1%	83.4%					
0-40	508.3	96.3%	96.5%					
0-60	525.2	99.5%	99.7%					
60-90	1.4	0.3%	0.3%					
0-90	526.6	99.7%	100%					
90-180	0	0%	0%					
0-180	526.6	99.7%	100%					
Total Efficiency: 99.7%								

Coefficients Of Utilization - Zonal Cavity Method

90 553

1

0

0

1

0 0 0 0 0

0

											E	ffectiv	e Flo	or Ca	vity R	eflect	ance:	20%
RCC %:		8	0			7	0			50			30			10		0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>70</u>	<u>50</u>	<u>30</u>	0	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	20	<u>50</u>	<u>30</u>	<u>20</u>	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.11	1.09	1.07	1.11	1.09	1.07	.94	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2	1.08	1.04	1.00	.97	1.06	1.02	.99	.89	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3	1.03	.97	.93	.89	1.01	.96	.92	.84	.93	.90	.87	.91	.88	.86	.89	.86	.84	.83
4	.99	.92	.86	.83	.97	.90	.86	.79	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
5	.94	.86	.81	.77	.92	.85	.80	.74	.84	.79	.76	.82	.78	.75	.80	.77	.75	.73
6	.90	.81	.76	.72	.88	.81	.75	.70	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7	.86	.77	.71	.67	.84	.76	.71	.66	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8	.82	.73	.67	.63	.81	.72	.67	.62	.71	.67	.63	.70	.66	.63	.69	.65	.63	.61
9	.78	.69	.64	.60	.77	.69	.63	.59	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10	.75	.66	.60	.57	.74	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55
RCC %: Ceiling reflectance percentage, RW %: Wall reflectance percentage, RCR: Room cavity ratio																		

For lux multiply fc by 10.7

Specifications

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

ltem	Specification	2700 K*	4000 K*				
	Beam Angle	30° FWHM / 65° FWHM ENERGY STAR					
	Lumens†	405 (30° beam angle) 527 (65° beam angle)	420 (30° beam angle) 525 (65° beam angle)				
Output	Efficacy (Im / W)	27.0 (30° beam angle) 35.1 (65° beam angle)	28.0 (30° beam angle) 35.0 (65° beam angle)				
	CRI	84	85				
	Lumen Maintenance‡	85,000 hours L70 @ 25° C 50	,000 hours L ₇₀ @ 50° C				
	Input Voltage	100 / 120 / 220 – 240 / 277 VAC, 50 / 60 Hz					
Electrical	Power Consumption	15 W maximum at full output, steady state					
	Power Factor	0.95 @ 120 VAC					
Control	Dimming	Compatible with many commerce or reverse-phase control dimme	cially available ELV, trailing edge, $\operatorname{srs}\S$				
	Dimensions (Height x Width x Depth)	7.5 x 7.5 x 2 in (191 x 191 x 5	1 mm)				
	Weight	3.1 lb (1.4 kg)					
	Housing	Die-cast aluminium chassis and b brushed aluminum finish	pezel with black, white, or				
Physical	Lens	Clear polycarbonate					
,	Fixture Connections	6 in (152 mm) flying leads (100 / 120 / 277 VAC) Terminal block (220 – 240 VAC)					
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage					
	Humidity	0 – 95%, non-condensing					
	Certification	UL / cUL, FCC Class B for 120 / 277 VAC, CE					
Certification and Safety	Environment	Dry / Damp Location, IP50					
,	Energy Efficiency	ENERGY STAR					







* Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Constraints FC CE Standard C78.377A.

† Lumen measurement complies with IES LM-79-08 testing procedures.

‡ L70 = 70% maintenance of lumen output (when light output drops below 70% of initial output). Ambient temperatures specified.

§ Refer to www.colorkinetics.com/support/appnotes/ for specific details.

OPTIBIN° POWERCORE DIMAND° CKTECHNOLOGY CKTECHNOLOGY



eW Downlight Powercore fixtures are available in three bezel colors: white, brushed aluminum, and black.

Product Selection

eW Downlight Powercore is comprised of 3 separate modules. From the list below, choose one of each module type to build your eW Downlight Powercore fixture.

	1 Choose Power Mo	odule	2 Choose Lamp Mc	odule	3 Choose Bezel Color				
		100 VAC 120 VAC 220 – 240 VAC 277 VAC	Warm (2700 K)	Cool (4000 K)		/hite ack rushed Aluminum			
		ltem	Туре		Item Number	Philips 12NC			
			100 VAC		523-000010-02	910503700235			
		Power Modules	120 VAC		523-000010-00	910503700233			
			220 – 240 VAC		523-000010-03	910503700236			
			277 VAC		523-000010-01	910503700234			
			100 / 120 / 277 VAC	65° beam angle ENERGY STAR	523-000009-06	910503700560			
		Lamp Modules	2700 K (warm)	30° beam angle	523-000009-08	910503700562			
			100 / 120 / 277 VAC	65° beam angle ENERGY STAR	523-000009-07	910503700561			
(4000 K (warm)	30° beam angle	523-000009-09	910503700563			
	\wedge		White		523-000011-00	910503700237			
	$\langle \rangle$	Bezel Modules	Black		523-000011-01	910503700238			
	\checkmark		Brushed Aluminum		523-000011-02	910503700239			

Use Item Number when ordering in North America.

Complete Kits

For 220 – 240 VAC applications, eW Downlight Powercore is available as a complete kit. From the list below, choose one kit for your eW Downlight Powercore fixture.

	ltem	Туре		Item Number	Philips 12NC	
	Complete Fixture Kit 220 – 240 VAC only	White	2700 K (65° beam angle	523-000031-06	910503700346
			2700 K (warm)	30° beam angle	523-000031-00	910503700340
			4000 K (cool)	65° beam angle	523-000031-07	910503700347
\sim				30° beam angle	523-000031-01	910503700341
		Black	2700 K (warm)	65° beam angle	523-000031-08	910503700348
				30° beam angle	523-000031-02	910503700342
			4000 K (cool)	65° beam angle	523-000031-09	910503700349
				30° beam angle	523-000031-03	910503700343
\wedge		Brushed Aluminum	2700 K (warm)	65° beam angle	523-000031-10	910503700350
				30° beam angle	523-000031-04	910503700344
A standa			(000 K ())	65° beam angle	523-000031-11	910503700351
~			4000 K (COOI)	30° beam angle	523-000031-05	910503700345

Use Item Number when ordering in North America.

Installation Guidelines

Owner / User Responsibilities

It is the responsibility of the contractor, installer, purchaser, owner, and user to install, maintain, and operate eW Downlight Powercore fixtures in such a manner as to comply with all applicable codes, state and local laws, ordinances, and regulations. Consult with the appropriate electrical inspector to ensure compliance.

Installing in Damp Locations

Use this Product Guide to verify that the positioning of fixtures in your layout meets specifications for operating temperature and humidity. Each eW Downlight Powercore fixture is Dry / Damp Rated, allowing for placement in a location that is normally or periodically subject to condensation of moisture adjacent to the fixture. You must use suitable UL-rated junction boxes when installing in damp locations.

Planning Your Installation

Well-designed lighting brightens an area, highlights architectural features or products, and enhances the ways you perform tasks. Before installing eW Downlight Powercore fixtures, use information from architectural drawings, CAD files, or other available materials to create a layout map that specifies and locates all fixtures, dimmers, and the power source. Keep these features in mind as you plan your installation:

- eW Downlight Powercore connects directly to standard line voltage, using standard wiring familiar to contractors. Because of its low power consumption, you can install up to 150 eW Downlight Powercore fixtures on a single 20 A circuit,
- eW Downlight Powercore fixtures mount to standard octagonal junction boxes. Where local codes allow, you can also mount eW Downlight Powercore fixtures directly to flat surfaces, such as concrete ceilings. Slotted through-holes in the mounting plate provide adjustment in surface mount applications. The swivel bracket included with the 120 VAC and 277 VAC fixtures lets you fine-tune fixture alignment during installation.
- eW Downlight Powercore fixtures can be controlled either with a standard wall switch (on / off) or a commercially available electronic low-voltage (ELV) dimmer.
 eW Downlight Powercore fixtures work with most trailing edge or reverse phase control ELV dimmers. Refer to the installation instructions included with the wall of dimmer switch for installing and wiring information.

Install the Fixtures

Before installing eW Downlight Powercore fixtures, make sure that all junction boxes, switches, and dimmers have been installed, and that line circuit wiring has been pulled to each mounting location.

Make sure the power is OFF before mounting eW Downlight Powercore fixtures.

 If using the optional swivel bracket included with the power module for a 120 VAC or 277 VAC fixture, thread the wiring through the swivel bracket's center hole, then mount the swivel bracket to the junction box using four screws.

Make sure that the knockout for the junction box is recessed from .125 - .25 in (3.2 - 6.4 mm) to provide additional clearance for the swivel bracket.

 \bigotimes When using the optional swivel bracket, recess the junction box an additional .125 – .25 in (3.2 – 6.4 mm) so that the fixture lies flush against the mounting surface.

For a complete list of compatible ELV dimmers, and for details on selecting the appropriate dimmer for your lighting installation, visit www.colorkinetics.com/support/appnotes, or consult Application Engineering services at support@colorkinetics.com.



2. Install the power module by connecting the lead wires to a line circuit.



3. Mount the power module either to a junction box or directly to a flat surface, using appropriate mounting hardware.



4. Install the LED module by inserting the four-pin connector on the power module into the four-pin port on the LED module.



For CE compliance, all terminal blocks must conform to EN 60998-2-1 or EN 60998-2-2 and meet the specified ratings for the voltage and amperage listed in this Product Guide. 5. Mount the LED module to the power module with the LED module's two captured mounting screws.



6. Snap the bezel in place.



7. Turn the power ON.



Philips Color Kinetics 3 Burlington Woods Drive Burlington, Massachusetts 01803 USA Tel 888.385.5742 Tel 617.423.9999 Fax 617.423.9998 www.philipscolorkinetics.com

Copyright © 2009 – 2010 Philips Solid-State Lighting Solutions, Inc. All rights reserved. Chromacore, Chromasic, CK, the CK logo, Color Kinetics, the Color Kinetics logo, ColorBlast, ColorBlaze, ColorBurst, eW Fuse, ColorGraze, ColorPlay, ColorReach, iW Reach, eW Reach, DIMand, EssentialWhite, eW, iColor, iColor Cove, IntelliWhite, iW, iPlayer, Optibin, and Powercore are either registered trademarks or trademarks of Philips Solid-State Lighting Solutions, Inc. in the United States and / or other countries. All other brand or product names are trademarks or registered trademarks of their respective owners. Due to continuous improvements and innovations, specifications may change without notice. Cover Photo: Flinstering, courtesy of Korff en van Mierlo DAS-000011-00 R10 12-10