

# eW Flex Micro

Flexible strands of small, high-intensity LED nodes with solid white light

Date: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Firm Name: \_\_\_\_\_  
 Project: \_\_\_\_\_

eW Flex Micro is a versatile strand of 50 small, individually controllable LED nodes. The flexible form factor allows dynamic points of white light to be installed across nearly any interior or exterior surface, including walls, ceilings, floors, three-dimensional sculptures, and set pieces. eW Flex Micro can also light tight alcove spaces and signage, and in certain cases, can even display video.

- Daylight visible—At full brightness, each node produces light output of up to 10.5 candela and 7,529 nits per node.
- Adaptable mounting—Strands can be mounted directly to a surface, like traditional string lights. Detachable leader cables in multiple lengths allow you to install strings at the appropriate distance from power / data supplies. Optional mounting tracks ensure straight linear runs, while snap-on spacers hide cabling and mounting hardware. Single node mounts can be positioned individually as anchor points for installations with uneven node spacing or complex geometries.
- Outdoor rated—Fully sealed for maximum luminaire life and IP66-rated for outdoor applications.



[Product page](#)

Viewing Angle	105°, 165°
Lumens per node*	18 to 28
Color Temperature <sup>§</sup>	2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 5700 K, 6500 K

Input Voltage	24 VDC via sPDS-480ca, sPDS-60ca, and PDS-60ca
Power Consumption	0.5 W
Weight	970 g (2.1 lb) 4 inch spacing 1.5 kg (3.3 lb) 12 inch spacing
Housing Material	Polycarbonate
Approbations	UL/cUL, FCC Class A, CE
Environment	Dry/Damp/Wet Location, IP66
Applications	Direct View

## 2700 K Specification Sheets

PDF Download	Viewing Angle	Lumens*	CRI <sup>†</sup>	Weight	Item Number	12 NC
<a href="#">2700 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	25.7	84	970 g (2.1 lb)	500-000011-01	912400130445
<a href="#">2700 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	25.7	84	970 g (2.1 lb)	500-000011-00	912400130444
<a href="#">2700 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	25.7	84	1.5 kg (3.3 lb)	500-000011-05	912400130449
<a href="#">2700 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	25.7	84	1.5 kg (3.3 lb)	500-000011-04	912400130448
<a href="#">2700 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	17.5	86	970 g (2.1 lb)	500-000011-03	912400130447
<a href="#">2700 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	17.5	86	970 g (2.1 lb)	500-000011-02	912400130446
<a href="#">2700 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	17.5	86	1.5 kg (3.3 lb)	500-000011-07	912400130451
<a href="#">2700 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	17.5	86	1.5 kg (3.3 lb)	500-000011-06	912400130450

## 3000 K Specification Sheets

PDF Download	Viewing Angle	Weight	Item Number	12 NC
<a href="#">3000 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-09	912400130453
<a href="#">3000 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-08	912400130452
<a href="#">3000 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-13	912400130457
<a href="#">3000 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-12	912400130456
<a href="#">3000 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-11	912400130455
<a href="#">3000 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-10	912400130454
<a href="#">3000 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-15	912400130459
<a href="#">3000 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-14	912400130458

For help estimating the light output and distribution of eW Flex lighting luminaires, please contact Color Kinetics Applications Engineering Services at <http://www.lighting.philips.com/support/connect/contact-us>.

## 3500 K Specification Sheets

PDF Download	Viewing Angle	Weight	Item Number	12 NC
<a href="#">3500 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-17	912400130461
<a href="#">3500 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-16	912400130460
<a href="#">3500 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-21	912400130465
<a href="#">3500 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-20	912400130464
<a href="#">3500 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-19	912400130463
<a href="#">3500 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-18	912400130462
<a href="#">3500 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-23	912400130467
<a href="#">3500 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-22	912400130466

## 4000 K Specification Sheets

PDF Download	Viewing Angle	Lumens*	CRi#	Weight	Item Number	12 NC
<a href="#">4000 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	27.8	86	970 g (2.1 lb)	500-000011-25	912400130469
<a href="#">4000 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	27.8	86	970 g (2.1 lb)	500-000011-24	912400130468
<a href="#">4000 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	27.8	86	1.5 kg (3.3 lb)	500-000011-29	912400130473
<a href="#">4000 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	27.8	86	1.5 kg (3.3 lb)	500-000011-28	912400130472
<a href="#">4000 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	18.2	89	970 g (2.1 lb)	500-000011-27	912400130471
<a href="#">4000 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	18.2	89	970 g (2.1 lb)	500-000011-26	912400130470
<a href="#">4000 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	18.2	89	1.5 kg (3.3 lb)	500-000011-31	912400130475
<a href="#">4000 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	18.2	89	1.5 kg (3.3 lb)	500-000011-30	912400130474

## 5000 K Specification Sheets

PDF Download	Viewing Angle	Weight	Item Number	12 NC
<a href="#">5000 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-49	912400133518
<a href="#">5000 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-48	912400133517
<a href="#">5000 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-53	912400133522
<a href="#">5000 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-52	912400133521
<a href="#">5000 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-51	912400133520
<a href="#">5000 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-50	912400133519
<a href="#">5000 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-55	912400133524
<a href="#">5000 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-54	912400133523

## 5700 K Specification Sheets

PDF Download	Viewing Angle	Weight	Item Number	12 NC
<a href="#">5700 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-33	912400130477
<a href="#">5700 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-32	912400130476
<a href="#">5700 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-37	912400130481
<a href="#">5700 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-36	912400130480
<a href="#">5700 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-35	912400130479
<a href="#">5700 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-34	912400130478
<a href="#">5700 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-39	912400130483
<a href="#">5700 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-38	912400130482

## 6500 K Specification Sheets

PDF Download	Viewing Angle	Weight	Item Number	12 NC
<a href="#">6500 K, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-41	912400130485
<a href="#">6500 K, Clear Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	105°	970 g (2.1 lb)	500-000011-40	912400130484
<a href="#">6500 K, Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-45	912400130489
<a href="#">6500 K, Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	105°	1.5 kg (3.3 lb)	500-000011-44	912400130488
<a href="#">6500 K, Translucent Dome Lens, Black Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-43	912400130487
<a href="#">6500 K, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing</a>	165°	970 g (2.1 lb)	500-000011-42	912400130486
<a href="#">6500 K, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-47	912400130491
<a href="#">6500 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	165°	1.5 kg (3.3 lb)	500-000011-46	912400130490

\* Lumen output measurements comply with IES LM-79-08 testing procedures.

<sup>§</sup> Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

<sup>†</sup> CRI refers to CRI Ra value, CRI R9 refers to R9 value in accordance with IESNA LM-79 standards.

