PHILIPS

Lighting



Flex Compact, iW

iW Flex Compact, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing

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iW Flex Compact are flexible strands of large, high-intensity, tunable-white LED nodes designed for extraordinary effects and expansive installations without the constraints of luminaire size, shape, or space. Each iW Flex Compact strand consists of 50 individually addressable LED nodes, featuring dynamic integration of power, communication, and control. The flexible form factor accommodates two- and three-dimensional configurations, while high light output affords superior long-distance viewing for architectural accent and perimeter lighting, large-scale signage, and building-covering video displays.

Product data

General information	
Light source color	Cool white and warm white
Optical cover/lens type	Transparent dome 12 inch separated
Luminaire light beam spread	165°

Light technical	
Light source flux per node	28 lm
On-axis intensity in candela	4.9
CRI @ 6500 K	88.5
CRI @ 2700	86.2

Mechanical and housing	
Color	White

Approval and application	
FCC mark	FCC Class A

Initial performance (IEC compliant)	
Initial input power	1 W

Over time performance (IEC compliant)	
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	60000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	60000
Lumen Maintenance 70% at 25°C Calculated	56000
Lumen Maintenance 70% at 25°C Reported	56000
Lumen Maintenance 70% at 50°C Calculated	56000

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Lumen Maintenance 70% at 50°C Reported	56000

Product data

Full product code	871869921475399
Order product name	BGC481 50 2700-6500K TSDM BK P305
EAN/UPC - Product	8718699214753
Order code	501-000016-07
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

Material Nr. (12NC)	912400135822
Net Weight (Piece)	0.750 kg
Catalog Number	501-000016-07
Catalog Number Description	iW Flex Compact, Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing

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