PHILIPS Lighting



iW Flex Compact

iW Flex Compact, Clear Flat Lens, White Housing, 4 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		Approval and application	
Light source colour	Cool white and warm white	FCC mark	FCC Class A
Optical cover/lens type	CLFT4 [Clear flat 4 inch separated]		
Luminaire light beam spread	105°	Initial performance (IEC compliant)	
		Initial input power	1 W
Light technical			
Light source flux per node	80 lm	Over time performance (IEC compliant)	
On-axis intensity in candela	31.4	Lumen Maintenance 50% at 25	°C Calculated 100000
CRI @ 6,500 K	83.4	Lumen Maintenance 50% at 25	°C Reported 60000
CRI @ 2,700	82.1	Lumen Maintenance 50% at 50	°C Calculated 100000
		Lumen Maintenance 50% at 50	°C Reported 60000
Mechanical and housing		Lumen Maintenance 70% at 25	°C Calculated 56000
Colour	White	Lumen Maintenance 70% at 25	°C Reported 56000
		Lumen Maintenance 70% at 50	Lumen Maintenance 70% at 50 °C Calculated 56000

iW Flex Compact

Lumen Maintenance 70% at 50 °C Reported	56000	
Product data		
Full product code	871869921491399	
Order product name	BGC481 50 2700-6500K CLFT WH P102	
EAN/UPC – product	8718699214913	
Order code	501-000016-00	
SAP numerator – quantity per pack	1	

Numerator – packs per outer box	6		
SAP material	912400135815		
Net Weight (Piece)	0.750 kg		
Commercial Code	501-000016-00		
Catalogue number description	iW Flex Compact, Clear Flat Lens, White		
	Housing, 4 in On-Center Node Spacing		



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