

HIGH EFFICIENCY LED SYSTEM FOR URBAN SPACES, PLACES, PARKS, CYCLING PATH
 LUMINARIA LED PARA ILUMINACIÓN VIAL E IMAGEN URBANA CON ALTA EFICIENCIA ENERGETICA PARA AVENIDAS, CICLOVIAS, AREAS PEATONALES, PARQUES, PLAZAS

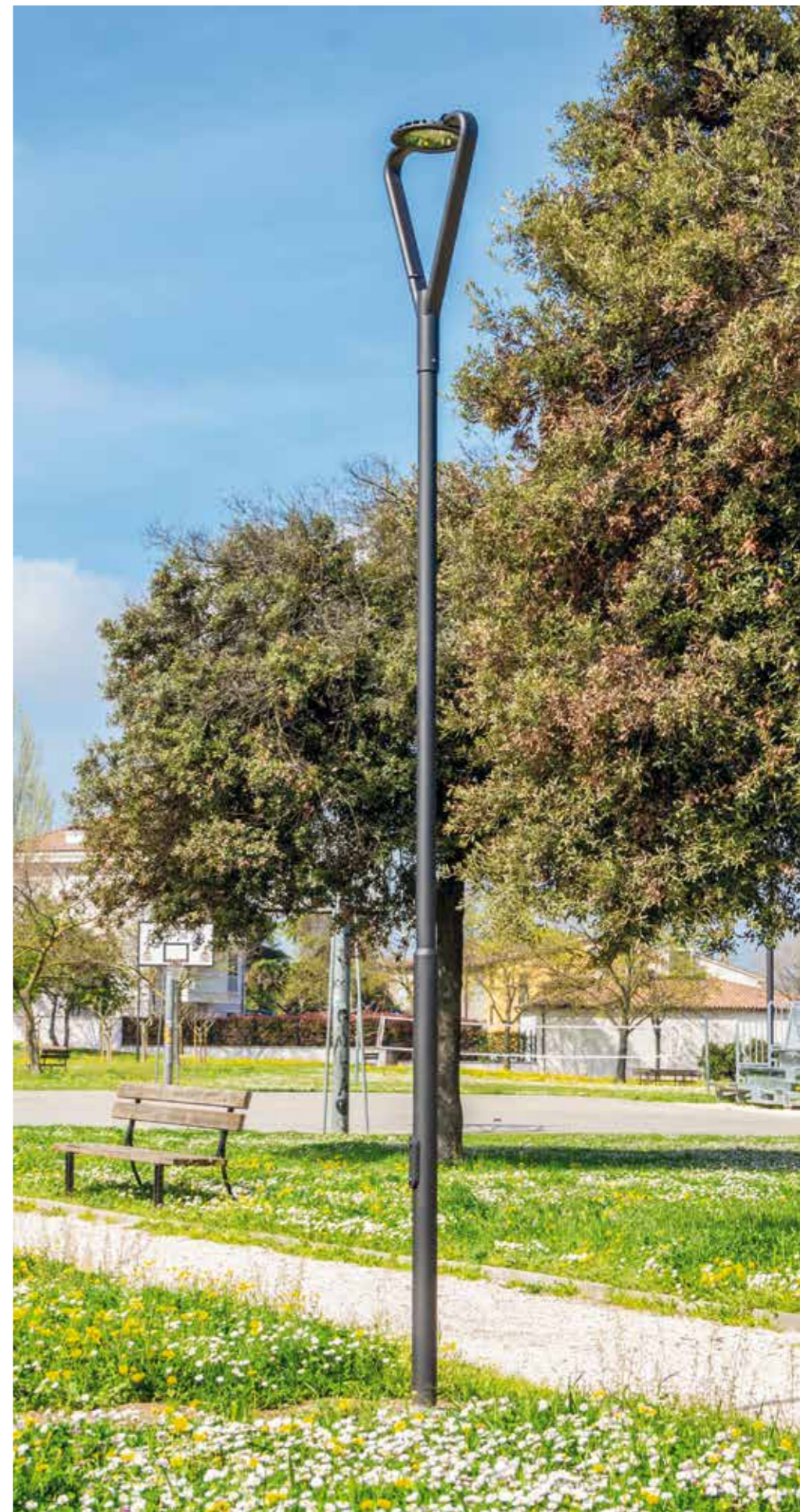
Design R&D Litek
 Diseño R&D Litek

CB Certification N° NL-51462 issued by Dekra
 Certificación CB N° NL-51462 emitido por Dekra



The latest generation of urban design LED lighting luminaires with minimal exposure to wind (Litek R&D design) with the ultimate light performance. The upper structure is made of underpressure fused aluminum with protective anodizing treatment, structure and head-pole made of steel with hot-dip zinc protection, exterior varnishing in long - lasting polyester powder color "Anthracite" RAL 7016 embossed. The whole unit has been specifically designed for LED technology, with the optics sealed with a 4 mm tempered extra-clear glass protective screen (not available for 3D vers.). Choose from a standard neutral shade of light (4000° K), warm (3000° K), or very warm (2700° K) and between several different street optics or a full cut-off diffuser (not available in 3D vers.). The new MULTICHIP LED is ceramic based for direct welding, electrically isolated from the heat dissipation system and powered by constant current Vdc. There are different functions including the LITEK heat dissipation system, TCS (Thermal Cooling System) and automatic temperature safety. Power supply: 200/300Volt 50/60 Hz and cos-fi ≥0.9. Insulation class 1 or 2. Minimum grade of protection: IP66. Impact resistant: IK08. Anti-condensation system GORE-TEX® patented. Stainless steel bolts. Various installation modes available.

Luminaria LED de última generación para iluminación vial e imagen urbana con alta eficiencia energética, mínima exposición al viento (Diseño R&D Litek), carcasa en fundición de aluminio anodizado, estructura y tratamiento del brazo en acero galvanizado en caliente, pintura de poliéster en polvo color "Anthracite" RAL 7016 en relieve. Diseñado específicamente para la tecnología LED, unidad óptica sellada con pantalla en vidrio templado extra claro de 4 mm (excepto versión 3D), compacto y alto rendimiento, tono de luz neutro (4000 ° K), caliente (3000 ° K) o muy caliente (2700 ° K); ópticas viales, óptica roto-simétrica y difusiva con una emisión totalmente cut-off (excl. 3D). Nuevos MULTICHIP LED con base cerámica para reacondicionamiento directo, LEDs aislados eléctricamente sistema de disipación de calor, sistema de VDC LED de corriente constante de conducción, diferentes Tipos de funcionamiento/encendido; sistema LITEK Disipación de calor TCS (Thermal Cooling System) redundante con control automático de la temperatura. Driver 200/300Volt 50/60 Hz y cos-fi ≥ 0,9, clase de aislamiento 1 o 2, grado de protección IP66 min., protección contra impactos IK08, sistema anti-condensado patentado GORE-TEX®, herrajes de acero inoxidable, varias modelos y versiones de instalación disponible.





FLY-A

FLY-S

FLY-V

FLY-R

FLY-D

FLY-W



Applications

Avenues, Roads, Parks, Parking lots, Cycle paths, Arcades
Suggested installation height 2,5 - 6 m.

Characteristics

- LED designed pressure fused aluminium body
- High efficiency PMMA optics
- Flat protective diffuser with 4 mm extra clear tempered glass for security
- Anodized aluminium treatment
- Polyester powder paint colour: "Dark Grey" RAL 7016 embossed
- Grade of protection: IP66
- Impact resistance: IK08
- Insulation Class 1 or 2
- TCS - Thermal Cooling System
- Total cut-off (not available in 3D vers.)
- Stainless steel screws
- CB Certification N° NL-51462 issued by Dekra
- Photobiological safety, refer to EN 62471:2008 and IEC/TI 62471:2009
- Made in Italy - EU - CE mark
- Overall dimensions:
FLY-A. 780x360x250 mm, Weight: about 5,4 Kg
FLY-S. 780x860x250 mm, Weight: about 7,4 Kg
FLY-V. 780x480x250 mm, Weight: about 7,8 Kg
FLY-R. 780x480x250 mm, Weight: about 5,4 Kg
FLY-D. 780x960x250 mm, Weight: about 9,8 Kg
FLY-W. 90x250x305 mm, Weight: about 4,0 Kg

Advantages and Options

- High performance and maximum management benefits
- Wide range of white tonality and high colour rendering: "Urban Renaissance by Litek"
- Functional versions: OF - RO - DMP - DM - TLC - DA - V12 - V24
- Automatic temperature control
- Dimmable/Programmable
- Quick cleaning and minimal maintenance
- Option of supplementary protection against power-line surges
- Long-life reliability

Mounting

Vertical top-post d. 60 mm included (76 mm on-demand).

Aplicaciones

Avenidas, carreteras, estacionamientos, parques, Ciclo vías, Áreas Peatonales, Plazas, Portales.
Altura de instalación sugerida de 2,5 a 6 mt.

Características técnicas

- Carcasa en fundición de aluminio para LEDs
- Óptica PMMA de alta eficiencia
- Vidrio de seguridad templado 4 mm de luz extra (sin versión 3D)
- Aluminio anodizado
- Pintura de poliéster en polvo color "Antracita" RAL 7016 en relieve
- Grado de protección IP66
- Resistencia al impacto IK08
- Clase de aislamiento 1 o 2
- TCS (Thermal Cooling System)
- Emisión totalmente cut-off (excepto versión 3D)
- Acero inoxidable externo
- Certificación CB N° NL-51462 emitido por Dekra
- Seguridad fotobiológica según EN 62471: 2008 e IEC / TI 62471: 2009
- Fabricado en Italia - CE - Marcado CE
- Dimensiones totales:
FLY-A. 780x360x250 mm, peso 5,4 Kg aprox.
FLY-S. 780x860x250 mm, peso 7,4 Kg aprox.
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FLY-D. 780x960x250 mm, peso 9,8 Kg aprox.
FLY-W. 90x250x305 mm, peso 4,0 Kg aprox.

Ventajas-Opciones

- Gran rendimiento y ventajas operativas máximas.
- Amplia gama de tonalidades blancas y alta reproducción cromáticos "Litek Renacimiento Urbano".
- Funcionamiento: OF - RO - DMP - DM - TLC - DA - V12 - V24
- Control automático de la temperatura
- Atenuable/Programable
- Rápida limpieza y mínimo mantenimiento
- Opción de protección complementaria de sobretensión en línea
- Larga vida útil y amplia fiabilidad

Instalación

Anclaje poste d. 60/76 mm estándar incluido.



FLY

Order Code Código Producto Item coding pag. 124 Codificación de artículos pag. 124	Power Potencia	Optics Óptica	LED Flux Flujo LED	LED Current Amperaje LED	Light Colour Color Luz	Interface module colour Color interfaz	Function Funcionamiento Please refer to pag. 118 Consulte página 118	Insulation Class Clase de Aislamiento
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Versions/Versiones STANDARD

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FA046AN5104B12	046 = 46W	AN = SA	7127 Lm	510 = 510 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Versions/Versiones ECO NEW

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FA035AN7004B12	035 = 35W	AN = SA	5550 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Options/Versiones Opciones/Versiones

AA = AS7	2 = 2700°K	A = Grey/Gris	0 = RO Rotary scenario Rotación multi escenas	1 = Class/Clase 1
NEW AB = 4AS7	3 = 3000°K		2 = DMP night reduction program reducción nocturna	
AC = AS7SA	5 = 5000°K		3 = DM dimmable atenuable 1-10 Vdc	
AD = AS8			4 = TLC remote control telecontrol	
AE = AS9			5 = DA dimmable atenuable DALI	
AF = AS10			6 = V12 power supply alimentación 12Vdc	
AG = AS11			7 = V24 power supply alimentación 24Vdc	
AH = AS12				
AI = 3DMU				

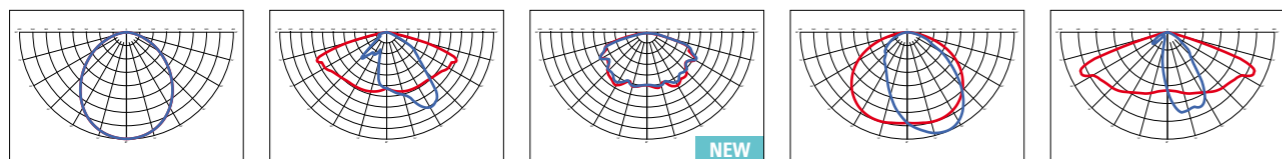


FLY-A

Accessories Accesorios

OVS02	SPD Protection against differential overvoltages - Protección sobretensión: 10kV IP66 CL.2
FLTPV60TLC	Extension for TLC module - Extensión para módulo TLC

OTTICHE
ÓTICAS



SA = Satin diffuser AS7 = Advance street **NEW** 4AS7 = Very wide diffuser AS7SA = Advance diffuser AS8 = Cycling/Narrow street

Please refer to pag 120/121 Para mayores referencias, consulte página 120/121

FLY

Order Code Código Producto Item coding pag. 124 Codificación de artículos pag. 124	Power Potencia	Optics Óptica	LED Flux Flujo LED	LED Current Amperaje LED	Light Colour Color Luz	Interface module colour Color interfaz	Function Funcionamiento Please refer to pag. 118 Consulte página 118	Insulation Class Clase de Aislamiento
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Versions/Versiones STANDARD

FD030AN3504B12	030 = 30W	AN = SA	5192 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD040AN4504B12	040 = 40W	AN = SA	6376 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD048AN5304B12	048 = 48W	AN = SA	7272 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD062AN7004B12	062 = 62W	AN = SA	9480 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD060AN3504B12	060 = 60W	AN = SA	10240 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD080AN4504B12	080 = 80W	AN = SA	12752 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD092AN5104B12	092 = 92W	AN = SA	14254 Lm	510 = 510 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Versions/Versiones ECO NEW

FD016AN3504B12	016 = 16W	AN = SA	3040 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD022AN4504B12	022 = 22W	AN = SA	3800 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD026AN5304B12	026 = 26W	AN = SA	4380 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD034AN7004B12	034 = 34W	AN = SA	5548 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD032AN3504B12	032 = 32W	AN = SA	6080 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD042AN4504B12	042 = 42W	AN = SA	7600 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD050AN5304B12	050 = 50W	AN = SA	8760 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FD070AN7004B12	070 = 70W	AN = SA	11098 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Options/Versiones Opciones/Versiones

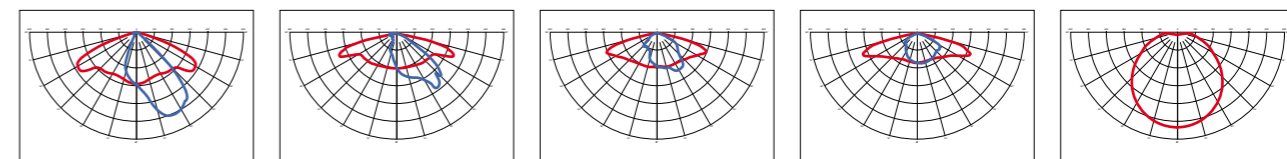
AA = AS7	2 = 2700°K	A = Grey/Gris	0 = RO Rotary scenario Rotación multi escenas	1 = Class/Clase 1
NEW AB = 4AS7	3 = 3000°K		2 = DMP night reduction program reducción nocturna	
AC = AS7SA	5 = 5000°K		3 = DM dimmable atenuable 1-10 Vdc	
AD = AS8			4 = TLC remote control telecontrol	
AE = AS9			5 = DA dimmable atenuable DALI	
AF = AS10			6 = V12 power supply alimentación 12Vdc	
AG = AS11			7 = V24 power supply alimentación 24Vdc	
AH = AS12				
AI = 3DMU				



FLY-D

Accessories Accesorios

OVS02	SPD Protection against differential overvoltages - Protección sobretensión: 10kV IP66 CL.2
FLTPV60TLC	Extension for TLC module - Extensión para módulo TLC



AS9 = Narrow interpost AS10 = ME street AS11 = Spacing AS12 = Wide Spacing 3DMU = Space diffuser

All the above specifications are not binding. Litek reserves the right to make modifications at any time to support product improvements.
For any technical enquires, product data sheets or lighting schemes, please contact: tecnico@litek.it

Los datos anteriores no son vinculantes. Litek se reserva el derecho de cualquier cambio en el tiempo de construcción destinado a mejorar el producto.
Para obtener información técnica, especificaciones de producto, hojas de datos, certificaciones, fotometría y proyectos, contactar al correo electrónico tecnico@litek.it



LED flux (Lm): please check any upgrades on the web-site www.litek.it or use the QR option.
Flujo LED (Lm): verifique la actualización de forma continua a través de la página web o utilice el servicio QR.

Order Code Código Producto	Power Potencia	Optics Óptica	LED Flux Flujo LED	LED Current Amperaje LED	Light Colour Color Luz	Interface module colour Color interfaz	Function Funcionamiento Please refer to pag. 118 Consulte página 118	Insulation Class Clase de Aislamiento
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FR031AN7004B12	031 = 31W	AN = SA	4720 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
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FR046AN5104B12	046 = 46W	AN = SA	7127 Lm	510 = 510 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Versions/Versiones ECO NEW								
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FR011AN4504B12	011 = 11W	AN = SA	1900 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
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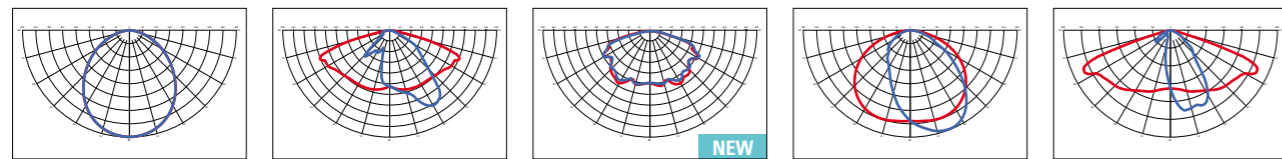
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NEW AB = 4AS7	3 = 3000°K		Rotación multi escenas		
AC = AS7SA	5 = 5000°K		2 = DMP night reduction program		
AD = AS8			reducción nocturna		
AE = AS9			3 = DM dimmable		
AF = AS10			atenuable 1-10 Vdc		
AG = AS11			4 = TLC remote control		
AH = AS12			telecontrol		
AI = 3DMU			5 = DA dimmable		
			atenuable DALI		
			6 = V12 power supply		
			alimentación 12Vdc		
			7 = V24 power supply		
			alimentación 24Vdc		

FLY-R



Accessories Accesorios	
OVS02	SPD Protection against differential overvoltages - Protección sobretensión: 10kV IP66 CL.2
FLTPV60TLC	Extension for TLC module - Extensión para módulo TLC

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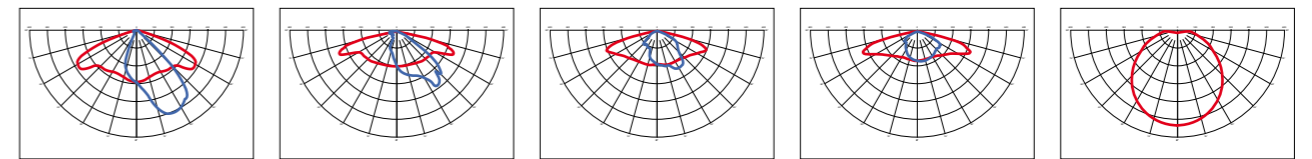
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AH = AS12			telecontrol		
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			alimentación 24Vdc		

FLY-S



Accessories Accesorios	
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LED flux (Lm): please check any upgrades on the web-site www.itek.it or use the QR option.
Flujo LED (Lm): verifique la actualización de forma continua a través de la página web o utilice el servicio QR.

FLY

Order Code Código Producto	Power Potencia	Optics Óptica	LED Flux Flujo LED	LED Current Amperaje LED	Light Colour Color Luz	Interface module colour Color interfaz	Function Funcionamiento	Insulation Class Clase de Aislamiento
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Versions/Versiones STANDARD

FV015AN3504B12	015 = 15W	AN = SA	2596 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV020AN4504B12	020 = 20W	AN = SA	3188 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV024AN5304B12	024 = 24W	AN = SA	3636 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV031AN7004B12	031 = 31W	AN = SA	4720 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV030AN3504B12	030 = 30W	AN = SA	5120 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV040AN4504B12	040 = 40W	AN = SA	6376 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV046AN5104B12	046 = 46W	AN = SA	7127 Lm	510 = 510 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Versions/Versiones ECO **NEW**

FV008AN3504B12	008 = 8W	AN = SA	1520 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV011AN4504B12	011 = 11W	AN = SA	1900 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV013AN5304B12	013 = 13W	AN = SA	2190 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV017AN7004B12	017 = 17W	AN = SA	2774 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV016AN3504B12	016 = 16W	AN = SA	3040 Lm	350 = 350 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV021AN4504B12	021 = 21W	AN = SA	3800 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV025AN5304B12	025 = 25W	AN = SA	4380 Lm	530 = 530 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FV035AN7004B12	035 = 35W	AN = SA	5550 Lm	700 = 700 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Options/Versiones Opciones/Versiones

AA = AS7	2 = 2700°K	A = Grey/Gris	0 = RO Rotary scenario Rotación multi escenas	1 = Class/Clase 1
NEW AB = 4AS7	3 = 3000°K		2 = DMP night reduction program reducción nocturna	
AC = AS7SA	5 = 5000°K		3 = DM dimmable atenuable 1-10 Vdc	
AD = AS8			4 = TLC remote control telecontrol	
AE = AS9			5 = DA dimmable atenuable DALI	
AF = AS10			6 = V12 power supply alimentación 12Vdc	
AG = AS11			7 = V24 power supply alimentación 24Vdc	
AH = AS12				
AI = 3DMU				

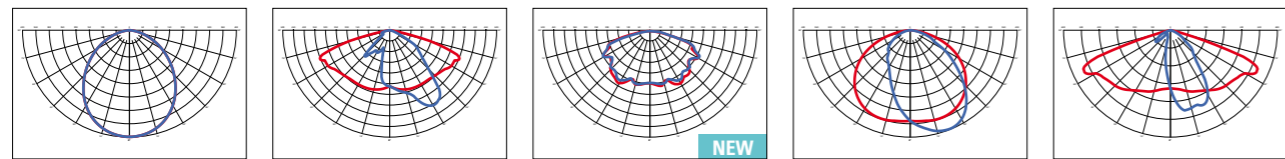


FLY-V

Accessories Accesorios

OVS02	SPD Protection against differential overvoltages - Protección sobretensión: 10kV IP66 CL.2
FLTPV60TLC	Extension for TLC module - Extensión para módulo TLC

OTTICHE
ÓTICAS



SA = Satin diffuser AS7 = Advance street 4AS7 = Very wide diffuser AS7SA = Advance diffuser AS8 = Cycling/Narrow street

Please refer to pag 120/121 Para mayores referencias, consulte página 120/121

FLY

Order Code Código Producto	Power Potencia	Optics Óptica	LED Flux Flujo LED	LED Current Amperaje LED	Light Colour Color Luz	Interface module colour Color interfaz	Function Funcionamiento	Insulation Class Clase de Aislamiento
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Versions/Versiones STANDARD

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FW040AN4504B12	040 = 40W	AN = SA	6376 Lm	450 = 450 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2
FW046AN5104B12	046 = 46W	AN = SA	7127 Lm	510 = 510 mA	4 = 4000°K	B = Dark Grey/Antracita	1 = OF on/off	2 = Class/Clase 2

Versions/Versiones ECO **NEW**

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Options/Versiones Opciones/Versiones

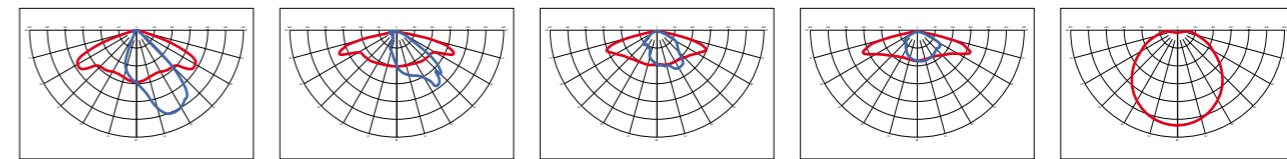
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AF = AS10			6 = V12 power supply alimentación 12Vdc	
AG = AS11			7 = V24 power supply alimentación 24Vdc	
AH = AS12				
AI = 3DMU				



FLY-W

Accessories Accesorios

OVS02	SPD Protection against differential overvoltages - Protección sobretensión: 10kV IP66 CL.2
FLTPV60TLC	Extension for TLC module - Extensión para módulo TLC



AS9 = Narrow interpost AS10 = ME street AS11 = Spacing AS12 = Wide Spacing 3DMU = Space diffuser

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