

General information / Informații generale / Informazioni generali

FINISHING AVAILABLE

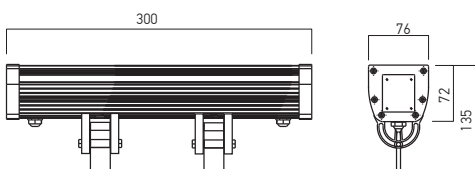
AL-AN

Code	Power	Input voltage	LED flux	System flux	CCT	Optics	Weight
F010WW30	6W	220-240V AC	678 lm	481 lm	3000K	30°	1,30 kg
F010NW30	6W	220-240V AC	720 lm	511 lm	4000K	30°	1,30 kg
F010WW10X60	6W	220-240V AC	678 lm	484 lm	3000K	10°x60°	1,30 kg
F010NW10X60	6W	220-240V AC	720 lm	514 lm	4000K	10°x60°	1,30 kg
F010RGB30	6x1W	24V DC			RGB	30°	1,40 kg
F010RGB10X60	6x1W	24V DC			RGB	10°x60°	1,40 kg
F011WW30	12W	220-240V AC	1356 lm	962 lm	3000K	30°	2,00 kg
F011NW30	12W	220-240V AC	1440 lm	1022 lm	4000K	30°	2,00 kg
F011WW10X60	12W	220-240V AC	1356 lm	968 lm	3000K	10°x60°	2,00 kg
F011NW10X60	12W	220-240V AC	1440 lm	1028 lm	4000K	10°x60°	2,00 kg
F011RGB30	12x1W	24V DC			RGB	30°	2,10 kg
F011RGB10X60	12x1W	24V DC			RGB	10°x60°	2,10 kg
F012WW30	24W	220-240V AC	2712 lm	1924 lm	3000K	30°	3,55 kg
F012NW30	24W	220-240V AC	2880 lm	2044 lm	4000K	30°	3,55 kg
F012WW10X60	24W	220-240V AC	2712 lm	1936 lm	3000K	10°x60°	3,55 kg
F012NW10X60	24W	220-240V AC	2880 lm	2056 lm	4000K	10°x60°	3,55 kg
F012RGB30	24x1W	24V DC			RGB	30°	3,85 kg
F012RGB10X60	24x1W	24V DC			RGB	10°x60°	3,85 kg

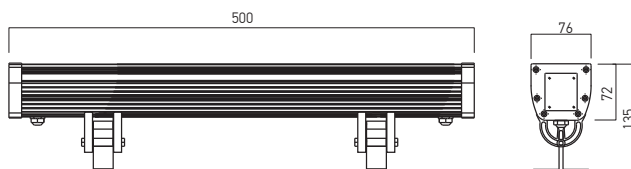
LED type
monochromatic: SMD3030
RGB: RGB FULL COLOR
Driver
monochromatic: Included
RGB: Excluded
CRI (monochromatic): 80
Working ambient temperature: -20 ÷ +50 °C



F010



F011



F012



EN

Linear light fittings, dustproof and waterproof (IP65), surface mounting, equipped with SMD mid power LEDs, monochromatic, or with RGB FULL COLOR LEDs. Housing and mounting brackets of extruded and anodized aluminum. End caps of die-cast aluminum, electrostatically painted. Silicone cover with role of support for LEDs lenses. PMMA lenses and diffuser of tempered glass (3 mm thickness) with high thermal and mechanical resistance. Constant current LED drivers installed in the interior of the housings for monochromatic version. The monochromatic versions are equipped with a set of two cables for connections to the power supply and to realize a continuous line with the luminaires at longer distance each other. For these connections a waterproof connector with minimum IP65 degrees of protection has to be use. The connector has to be ordered separately. The RGB versions are controlled by DMX512 signal.

Range of applications

Exterior decorative lighting, building facades, parks, public or private gardens. The items F010-F012 are used for highly professional projects.

RO

Corpuri de iluminat liniare etanșe (IP65), pentru montaj aparent, echipate cu LED-uri SMD de medie putere, monocromatice, sau cu LED-uri RGB FULL COLOR. Carcasă și bride de montaj din aluminiu extrudat și anodizat, elemente de capăt din aluminiu turnat, vopsite în câmp electrostatic. Mască din silicon cu rol și de suport pentru lentilele LED-urilor. Lentile din PMMA, dispersor din sticlă clară temperată (cu grosimea de 3 mm) cu înaltă rezistență termică și mecanică. Alimentatoare LED în curent constant instalate în interiorul carcaselor, pentru versiunile monocromatice. Versiunile monocromatice sunt echipate cu un set de două cabluri pentru conectarea la sursa de alimentare și pentru a realiza o linie continuă cu corpurile de iluminat la distanță mai lungă unul de celălalt. Pentru aceste conexiuni trebuie să fie utilizat un conector etanș cu grad de protecție IP65 minim. Conectorul trebuie comandat separat. Versiunile RGB sunt comandate prin intermediul unui semnal de tip DMX512.

Aplicații

Iluminatul decorativ de exterior, fațade ale clădirilor, parcuri, grădini publice și private. Corpurile de iluminat F010-F012 sunt utilizate pentru proiecte profesionale.

IT

Apparecchi lineari, protetti contro polvere e umidità (IP65), montaggio a parete, soffitto o a pavimento, con LED SMD di media potenza, monocromatici, o con LED RGB FULL COLOR. Corpo e staffe di montaggio in alluminio estruso e anodizzato. Tappi di chiusura in pressofusione di alluminio, verniciati a polvere. Maschera in silicone, con funzione di supporto delle lenti dei LED. Lenti in PMMA, diffusore in vetro trasparente temperato (spessore di 3 mm), ad alta resistenza termica e meccanica. Alimentatori LED in corrente costante installati all'interno degli apparecchi, per tutte le versioni monocromatiche. Le versioni monocromatiche sono dotate di un set di due cavi per il collegamento alla rete e per realizzare una linea continua con gli apparecchi a distanze maggiori l'una dall'altra. Per questi collegamenti è necessario utilizzare un connettore stagno con un grado minimo di protezione IP65. Il connettore deve essere ordinato separatamente. Le versioni RGB sono controllate tramite tipo di segnale DMX512.

Campi di applicazione

Illuminazione decorativa esterna, facciate di edifici, parchi, giardini pubblici e privati. Gli apparecchi F010-F012 sono utilizzati per progetti professionali.

ARELUX S.R.L.
Alexei Tolstoi street no. 12,
600093 Bacau, ROMANIA

3 YEARS
WARRANTY

xflow I
F010/11/12WW/NW30, F010/11/12WW/NW10X60,
F010/11/12RGB30, F010/11/12RGB10X60

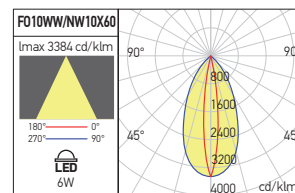
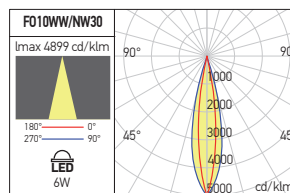


OPTICS 30°

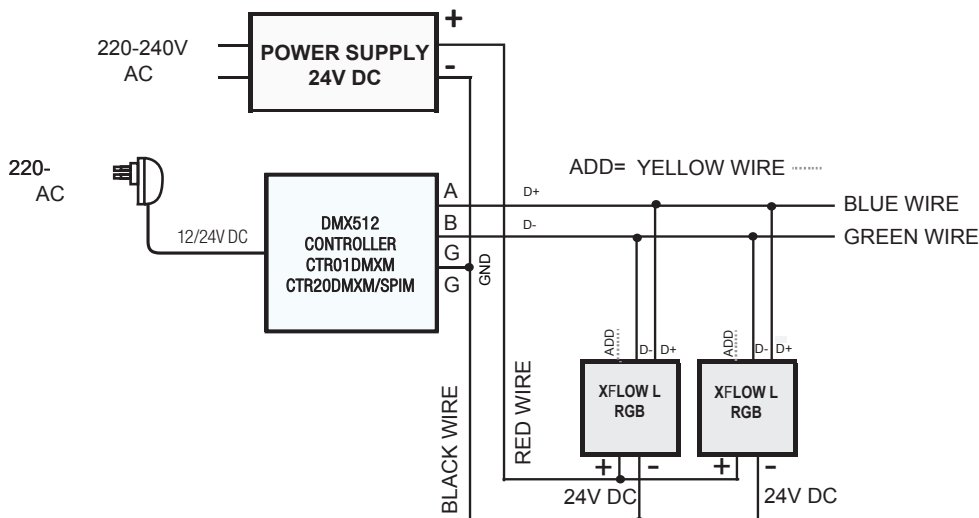


OPTICS 10x60°

RECOMMENDED
CV DRIVERS
FOR RGB VERSIONS
AT24 IP67 SERIE



RGB DMX WIRING DIAGRAM



STANDARDS

EN 60598-1:2015 + A1:2018,
 EN 60598-2-5:2015,
 EN 62493:2015,
 EN 62471:2008,
 EN 62031:2008 + A1:2013 + A2:2015,
 EN 60529:1992 + A2:2013,
 EN 55015:2019 + A11:2020 + A1:2015,
 EN 61000-3-2:2019,
 EN 61000-3-3:2013 + A1:2019,
 EN 61547:2009

ErP and ecodesign data / Date ErP și ecodesig / Dati Erp ed ecodesign

	F010WW30	F010NW30	F010WW10X60	F010NW10X60	F010RGB30	F010RGB10X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Φuse) (lm):	481 lm	511 lm	484 lm	514 lm	265 lm	267 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (Pon) (W):	6W	6W	6W	6W	6W	6W
Standby power (Psb):	-	-	-	-	-	-
Networked standby power (Pnet) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	135x76x300 mm	135x76x300 mm	135x76x300 mm	135x76x300 mm	135x76x300 mm	135x76x300 mm
CRI:	80	80	80	80	-	-
Chromaticity coordinates (x and y):	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	10°X60°	10°X60°	30°	10°X60°
R9 color rendering index:	4	4	4	4	4	4
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ1)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	7,15W	7,49W	7,18W	7,52W	4,71W	4,74W

ErP and ecodesign data / Date ErP și ecodesig / Dati Erp ed ecodesign

	F011WW30	F011NW30	F011WW10X60	F011NW10X60	F011RGB30	F011RGB10X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Φ _{use}) (lm):	962 lm	1022 lm	968 lm	1028 lm	529 lm	532 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (P _{on}) (W):	12W	12W	12W	12W	12W	12W
Standby power (P _{sb}):	-	-	-	-	-	-
Networked standby power (P _{net}) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	135x76x500 mm	135x76x500 mm	135x76x500 mm	135x76x500 mm	135x76x500 mm	135x76x500 mm
CRI:	80	80	80	80	-	-
Chromaticity coordinates (x and y):	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	10°X60°	10°X60°	30°	10°X60°
R9 color rendering index:	4	4	4	4	4	4
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ _l)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (P _{st} LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	12,57W	13,25W	12,64W	13,32W	7,69W	7,72W

	F012WW30	F012NW30	F012WW10X60	F012NW10X60	F012RGB30	F012RGB10X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Φ _{use}) (lm):	1924 lm	2044 lm	1936 lm	2056 lm	1058 lm	1965 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (P _{on}) (W):	24W	24W	24W	24W	24W	24W
Standby power (P _{sb}):	-	-	-	-	-	-
Networked standby power (P _{net}) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	135x76x1000 mm	135x76x1000 mm	135x76x1000 mm	135x76x1000 mm	135x76x1000 mm	135x76x1000 mm
CRI:	80	80	80	80	-	-
Chromaticity coordinates (x and y):	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.4370 y=0.4050	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	10°X60°	10°X60°	30°	10°X60°
R9 color rendering index:	4	4	4	4	4	4
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ _l)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (P _{st} LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	23,42W	24,77W	23,55W	24,91W	13,65W	13,73W