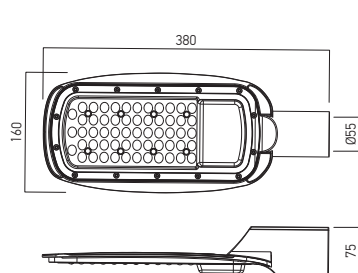
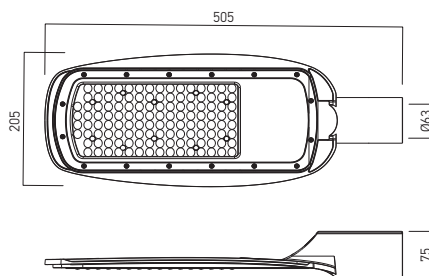


General information / Informații generale / Informazioni generali

Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Weight	LED type	SMD 2835
AY01WW S	S	30W	180-265V AC	3960 lm	2938 lm	3000K	0,82 kg	Driver:	Included
AY01NW S	S	30W	180-265V AC	4140 lm	3082 lm	4000K	0,82 kg	CRI:	>70
AY02WW S	S	50W	180-265V AC	6600 lm	5033 lm	3000K	0,90 kg	Optics:	70°x140°
AY02NW S	S	50W	180-265V AC	6900 lm	5279 lm	4000K	0,90 kg	Working ambient temperature:	-25 ÷ +45 °C
AY03WW S	S	70W	180-265V AC	9176 lm	7067 lm	3000K	1,65 kg	STANDARDS EN 60598-1:2015 + A1:2018, EN 60598-2-3:2003 + A1:2011, EN 62493:2015, EN 62471:2008, EN 62031:2008 + A1:2013 + A2:2015, EN 60529:1992 + A2:2013, EN 55015:2019 + A11:2020, EN 61000-3-2:2019, EN 61000-3-3:2013 + A1:2019, EN 61547:2009	
AY03NW S	S	70W	180-265V AC	9548 lm	7368 lm	4000K	1,65 kg		
AY04WW S	S	100W	180-265V AC	13144 lm	9739 lm	3000K	1,75 kg		
AY04NW S	S	100W	180-265V AC	13640 lm	10167 lm	4000K	1,75 kg		



AY01/02WW/NW S



AY03/04WW/NW S



EN

Street light fittings for pedestrian or car circulation areas.

The luminaires are equipped with SMD LEDs and drivers on board. Can be installed on mounting arm.

Housing with the mounting element of die-cast aluminum, electrostatically painted.

Optical system with anti UV treatment polycarbonate lens, 70°x140° light distribution, for main or secondary streets.

Constant current LED driver on board. Connection cable 3x0,75 mm² with a length of 0,3m.

Range of applications

Street lighting for urban traffic arteries, pedestrian or cars circulation and for both categories of rural streets (the main and secondary).

RO

Corpuri de iluminat stradale pentru zone pietonale sau cu circulație auto.

Echipate cu LED-uri SMD și alimentatoare pe placă cu LED-uri. Cu posibilitatea de instalare pe braț de montaj.

Corpul cu elementul de montaj din aluminiu turnat, vopsite în câmp electrostatic.

Sistem optic cu lentilă din policarbonat tratat anti-UV, cu distribuție luminoasă 70°x140°, pentru străzi principale sau secundare.

Alimentator în curent constant situat pe placa cu LED-urile. Cablu de alimentare 3x0,75 mm² cu lungimea de 0,3m.

Aplicații

Iluminatul stradal pentru zone cu circulație pietonală sau zonele de circulație auto, străzi urbane și a ambelor categorii de străzi din localitățile rurale, principale și secundare.

IT

Armature stradali per aree a circolazione pedonale o veicolare.

Equipaggiati da LED SMD e alimentatori sulle schede LED. Possono essere installate su braccio di montaggio.

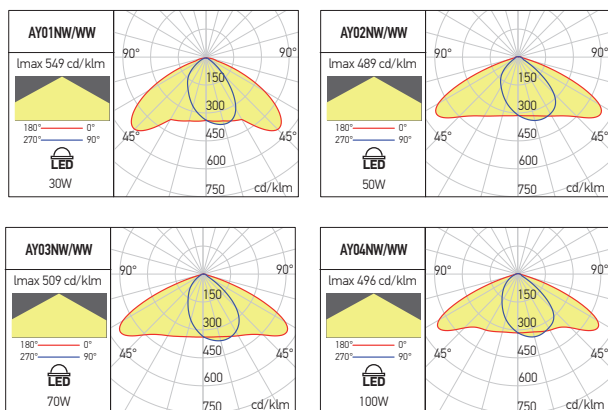
Carcassa con elemento di montaggio in pressofusione di alluminio, verniciata a polveri.

Sistema ottico con lente in policarbonato con trattamento anti UV, distribuzione luminosa 70°x140° per strade principali o secondarie.

Alimentatore a corrente costante sulla scheda LED. Cavo di alimentazione 3x0,75 mm², con lunghezza di 0,3m.

Campi di applicazione

Illuminazione stradale per aree a traffico pedonale e veicolare per strade urbane e per strade rurali primarie e secondarie.



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

	AY01WW S	AY01NW S	AY02WW S	AY02NW S	AY03WW S	AY03NW S	AY04WW S	AY04NW S
Lighting technology used:	LED	LED	LED	LED	LED	LED	LED	LED
Directional or non-directional:	NDLS	NDLS	NDLS	NDLS	NDLS	NDLS	NDLS	NDLS
Mains or non-mains:	MLS	MLS	MLS	MLS	MLS	MLS	MLS	MLS
CLS:	No	No	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	No	No	No	No
Anti-glare shield:	No	No	No	No	No	No	No	No
Dimmable:	No	No	No	No	No	No	No	No
Energy consumption (kWh/1000h):	30 kWh/1000h	30 kWh/1000h	50 kWh/1000h	50 kWh/1000h	70 kWh/1000h	70 kWh/1000h	100 kWh/1000h	100 kWh/1000h
Energy efficiency class:	D	D	E	E	E	E	E	E
Useful luminous flux (Φuse) (lm):	3960 lm	4140 lm	6600 lm	6900 lm	9176 lm	9548 lm	13144 lm	13640 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
On-mode power (Pon) (W):	28,75W	29,15W	54,13W	54,32W	77,09W	77,36W	104,40W	104,70W
Standby power (Psb):	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Networked standby power (Pnet) (W):	-	-	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	75x160x380	75x160x380	75x160x380	75x160x380	75x205x505	75x205x505	75x205x505	75x205x505
CRI:	>70	>70	>70	>70	>70	>70	>70	>70
Chromaticity coordinates (x and y):	x=0.4338, y=0.4030	x=0.3818, y=0.3797	x=0.4338, y=0.4030	x=0.3818, y=0.3797	x=0.4338, y=0.4030	x=0.3818, y=0.3797	x=0.4338, y=0.4030	x=0.3818, y=0.3797
Peak luminous intensity (cd):	-	-	-	-	-	-	-	-
Beam angle in degrees:	70°x140°	70°x140°	70°x140°	70°x140°	70°x140°	70°x140°	70°x140°	70°x140°
R9 color rendering index:	10	10	10	10	10	10	10	10
Survival factor:	90%	90%	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	96%	96%	96%	96%	96%	96%	96%	96%
Displacement factor (cosφ1)	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
McAdam ellipses:	6	6	6	6	6	6	6	6
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4
Ponmax:	34,93W	36,45W	57,21W	59,74W	78,94W	82,08W	112,42W	116,61W