

General information / Informații generale / Informazioni generali

FINISHING AVAILABLE

Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Weight
DT01WW25	DG	15W	90-265V AC	1680 lm	1217 lm	3000K	0,58 kg
DT01NW25	DG	15W	90-265V AC	1830 lm	1343 lm	4000K	0,58 kg
DT01CW25	DG	15W	90-265V AC	1860 lm	1358 lm	6000K	0,58 kg

Code	Finishing	LED type	Power	Input voltage	Driver	CCT	Optics	Weight
DT02RGBW30	DG	RGBW COB OSRAM	12W	24V DC	Excluded	RGBW	30°	0.52 kg

Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Weight
DT04WW10	DG	12W	100-265V AC	1220 lm	1063 lm	3000K	0,50 kg
DT04NW10	DG	12W	100-265V AC	1270 lm	1104 lm	4000K	0,50 kg
DT04WW36	DG	12W	100-265V AC	1220 lm	1094 lm	3000K	0,50 kg
DT04NW36	DG	12W	100-265V AC	1270 lm	1141 lm	4000K	0,50 kg

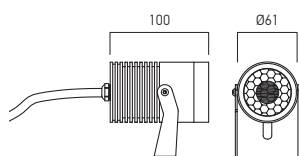
Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Weight
DT05WW10	DG	18W	100-265V AC	1656 lm	1499 lm	3000K	0,90 kg
DT05NW10	DG	18W	100-265V AC	1720 lm	1558 lm	4000K	0,90 kg
DT05WW36	DG	18W	100-265V AC	1656 lm	1491 lm	3000K	0,90 kg
DT05NW36	DG	18W	100-265V AC	1720 lm	1549 lm	4000K	0,90 kg

LED type: COB
 Driver: Included
 CRI: 80
 Optics: 25°
 Working ambient temperature: -20 ÷ +70 °C

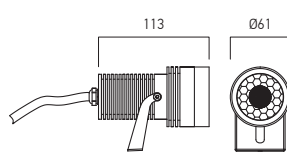
RECOMMENDED CV DRIVERS
 AT24 IP67 SERIE

LED type: COB
 Driver: Included
 CRI: 80
 Optics: 10°/36°
 Working ambient temperature: -25 ÷ +50 °C

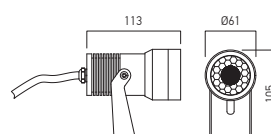
LED type: COB
 Driver: Included
 CRI: 80
 Optics: 10°/36°
 Working ambient temperature: -25 ÷ +50 °C



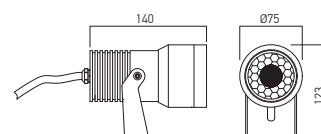
DT01



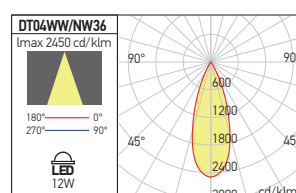
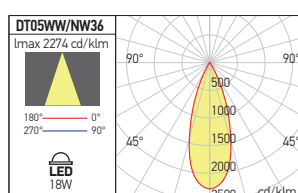
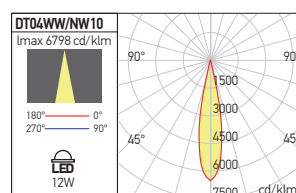
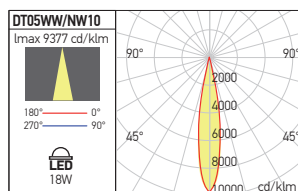
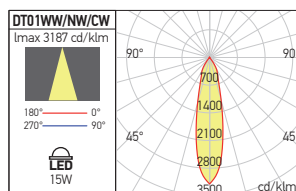
DT02RGBW



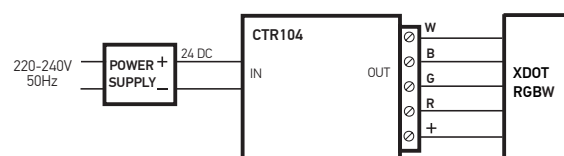
DT04



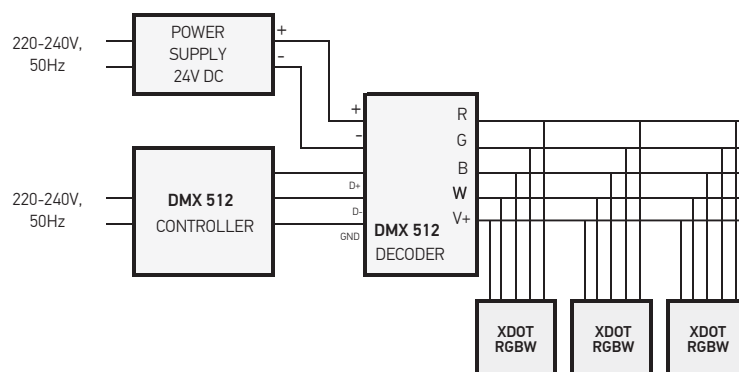
DT05



WIRING DIAGRAM RGBW, R, G, B, W DIRECT CONNECTIONS



WIRING DIAGRAM RGBW, DMX512 CONNECTIONS



BLINDNESS REDUCTION DEVICE DT04HC

Direct blindness reduction device, "honeycomb" type for DT04.
 Dispozitiv de reducere a orbirii directe, tip "honeycomb" pentru DT04.
 Dispositivo per limitare l'abbagliamento diretto, tipo "honeycomb" per DT04.

BLINDNESS REDUCTION DEVICE DT05HC

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 Dispositivo per limitare l'abbagliamento diretto, tipo "honeycomb" per DT05.

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

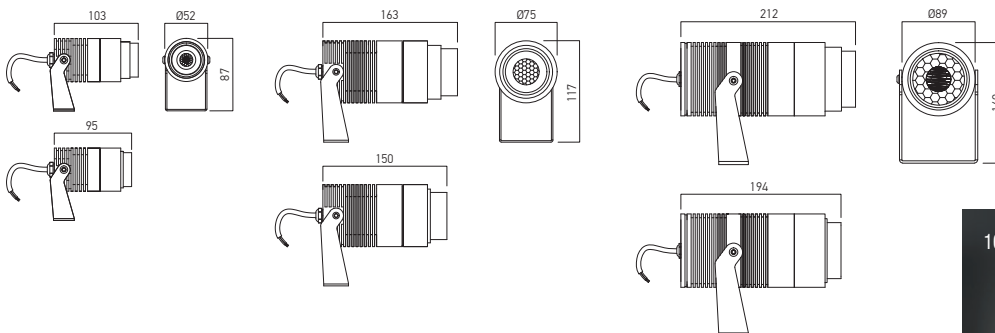
3 YEARS
WARRANTY

xdot
DT01WW/NW25, DT02RGBW, DT04WW/NW10/36, DT05WW/NW10/36,
DT11WW/NW10-40, DT12WW/NW10-40, DT13WW/NW10-40

Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Weight
DT11WW10-40	DG	8W	100-265V AC	880 lm	194-364 lm	3000K	0,46 kg
DT11NW10-40	DG	8W	100-265V AC	920 lm	203-381 lm	4000K	0,46 kg
DT12WW10-40	DG	18W	100-265V AC	1890 lm	514-763 lm	3000K	1,20 kg
DT12NW10-40	DG	18W	100-265V AC	1970 lm	537-797 lm	4000K	1,20 kg
DT13WW10-40	DG	25W	100-265V AC	2575 lm	746-1236 lm	3000K	1,68 kg
DT13NW10-40	DG	25W	100-265V AC	2690 lm	778-1292 lm	4000K	1,68 kg

LED type: COB
 Driver: Included
 CRI: 80
 Optics: 10°-40°
 Working ambient temperature: -25 ÷ +50 °C

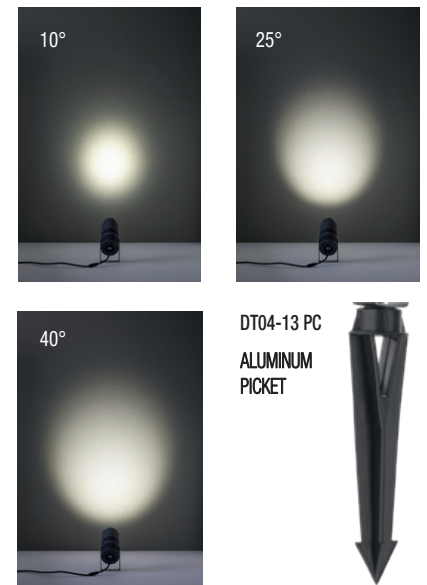
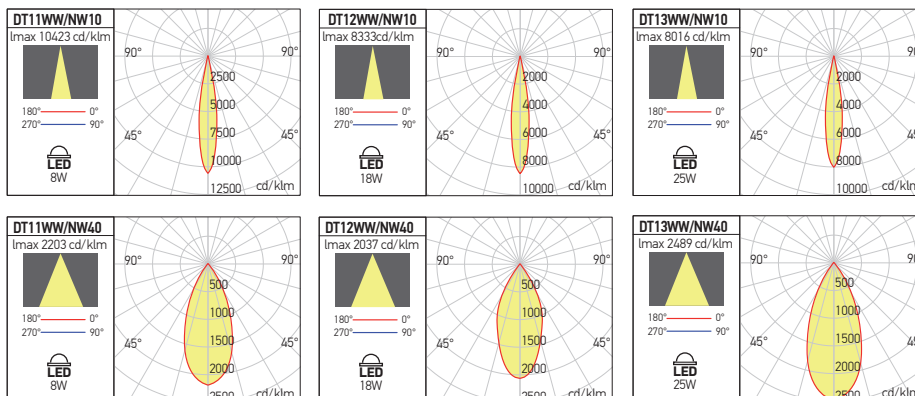
STANDARDS
 EN 60598-1:2015 + A1:2018,
 EN 60598-2-5:2015,
 EN 62493:2015,
 EN 62471:2008,
 EN 62031:2008 + A1:2013 + A2:2015,
 EN 60529:1992 + A2:2013,
 EN 55015:2019 + A11:2020 + A1:2015,
 EN 61000-3-2:2019,
 EN 61000-3-3:2013 + A1:2019,
 EN 61547:2009



DT11

DT12

DT13



DT04-13 PC
 ALUMINUM
 PICKET

EN

Waterproof projectors equipped with COB LEDs or with RGBW COB LEDs. Variants with fixed dispersion angles and also adjustable ones are available. Housing of die-cast aluminum, with high coefficient of thermal dispersion. The mounting bracket shaped from aluminum sheet. Housing and mounting bracket electrostatically painted. PVC ground spike delivered with DT01 and DT02RGB. For the rest an aluminum spike is available as separate accessory. FRESNEL lens and diffuser of tempered glass of 3 mm, with high mechanical resistance. Constant current driver included (w/o the RGBW version). Power supply cable covered by rubber, 3x0,75 mm², with 1m length.

Range of applications

Architectural facade and monuments lighting. Lighting in parks and gardens. Lighting for advertising.

RO

Proiectoare etanșe, echipate cu LED-uri COB sau cu LED-uri COB RGBW. Sunt disponibile variante cu unghiuri de dispersie fixe sau reglabile. Carcasa este din aliaj de aluminiu cu coeficient ridicat de dispersie termică. Brațul de montaj profilat din tablă de aluminiu. Carcasa și brațul de montaj vopsite în câmp electrostatic. Pichet din PVC pentru montajul înfip în pământ, livrat cu DT01 și DT02RGB. Pentru restul este disponibil un pichet din aluminiu ca accesoriu separat. Lentilă FRESNEL și difuzor din sticlă temperată cu grosimea de 3 mm și rezistență mecanică mărită. Alimentatorul în curent constant inclus (nu și la versiunea RGBW). Cablu de alimentare în manta de cauciuc, 3x0,75 mm², cu lungimea de 1m.

Aplicații

Iluminatul arhitectural al fațadelor și monumentelor. Iluminatul în parcuri și grădini. Iluminatul publicitar.

IT

Proiettori stagni, equipaggiati con LED COB o con LED COB RGBW. Sono disponibili varianti con angoli di dispersione fissi o regolabili. Corpo in lega di alluminio pressofuso ad alto coefficiente di dispersione termica. Staffa di montaggio in lamiera di alluminio. Corpo e braccio verniciati a polveri. Picchetto in PVC, per installare l'apparecchio nel terreno, fornito con DT01 e DT02RGB. Per il resto è disponibile un picchetto in alluminio come accessorio separato. Lente FRESNEL e diffusore in vetro temperato da 3 mm ad alta resistenza meccanica. Alimentatore in corrente costante incluso (non alla versione RGBW). Cavo di alimentazione rivestito in gomma, 3x0,75 mm², lunghezza di 1m.

Campi di applicazione

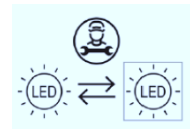
Illuminazione architettonica di facciate e monumenti. Illuminazione per parchi e giardini. Illuminazione spazi pubblicitari.

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

	DT01WW25	DT01NW25	DT01CW25	DT02RGBW30	DT04WW10	DT04NW10	DT04WW36
Lighting technology used:	LED	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No	No
Color tunable light source:	No	No	No	Yes	No	No	No
Anti-glare shield:	No	No	No	No	No	No	No
Dimmable:	No	No	No	Yes	No	No	No
Energy consumption (kWh/1000h):	15 kWh/1000h	15 kWh/1000h	15 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h
Energy efficiency class:	F	F	F	G	E	E	E
Useful luminous flux (Φ _{use}) (lm):	1512 lm	1669 lm	1690 lm	775 lm	1313 lm	1364 lm	1313 lm
Correlated color temperature (K):	3000K	4000K	6000K	RGB+3000K	3000K	4000K	3000K
On-mode power (P _{on}) (W):	14,45W	14,45W	14,76W	12W	12,82W	12,03W	12,91W
Standby power (P _{sb}):	≤0.5	≤0.5	≤0.5	-	≤0.5	≤0.5	≤0.5
Networked standby power (P _{net}) (W):	-	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	100x61 (mm)	100x61 (mm)	100x61 (mm)	113x61 (mm)	113x61 (mm)	113x61 (mm)	113x61 (mm)
CRI:	80	80	80	-	83	83	83
Chromaticity coordinates (x and y):	x=0.4434; y=0.4128	x=0.3868; y=0.3891	x=0.3100; y=0.3300	x=0.3610,y=0.3660, x=0.4400,y=0.4030	x=0.4448; y=0.4077	x=0.3868; y=0.3892	x=0.4448; y=0.4077
Peak luminous intensity (cd):	3897	4302	4335	-	7233	7529	2682
Beam angle in degrees:	25°	25°	25°	30°	10°	10°	36°
R9 color rendering index:	1	1	1	-	1	1	1
Survival factor:	90%	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ)	0,95	0,95	0,95	-	0,95	0,95	0,95
McAdam ellipses:	6	6	6	-	3	3	3
Flicker metric (Pst LM):	≤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
Ponmax:	18,77W	20,54W	20,78W	10,46W	16,84W	17,42W	16,84W
	DT04NW36	DT05WW10	DT05NW10	DT05WW36	DT05NW36	DT11WW10-40	DT11NW10-40
Lighting technology used:	LED	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	No	No	No
Anti-glare shield:	No	No	No	No	No	No	No
Dimmable:	No	No	No	No	No	No	No
Energy consumption (kWh/1000h):	12 kWh/1000h	18 kWh/1000h	18 kWh/1000h	18 kWh/1000h	18 kWh/1000h	8 kWh/1000h	8 kWh/1000h
Energy efficiency class:	E	E	E	E	E	F	F
Useful luminous flux (Φ _{use}) (lm):	1364 lm	2093 lm	2175 lm	2093 lm	2175 lm	750 lm	780 lm
Correlated color temperature (K):	4000K	3000K	4000K	3000K	4000K	3000K	4000K
On-mode power (P _{on}) (W):	12,96W	18,13W	18,15W	18,34W	18,28W	7,56W	7,75W
Standby power (P _{sb}):	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Networked standby power (P _{net}) (W):	-	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	113x61 (mm)	140x75 (mm)	140x75 (mm)	140x75 (mm)	140x75 (mm)	103x52 (mm)	103x52 (mm)
CRI:	83	83	83	83	83	85	85
Chromaticity coordinates (x and y):	x=0.3868; y=0.3892	x=0.4361; y=0.4036	x=0.3868; y=0.3892	x=0.4361; y=0.4036	x=0.3868; y=0.3892	x=0.4336; y=0.4011	x=0.3893; y=0.3815
Peak luminous intensity (cd):	2792	14095	14645	3393	3525	2029	2124
Beam angle in degrees:	36°	10°	10°	36°	36°	10°-40°	10°-40°
R9 color rendering index:	1	1	1	1	1	1	1
Survival factor:	90%	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ)	0,95	-	-	-	-	-	-
McAdam ellipses:	3	3	3	3	3	4	4
Flicker metric (Pst LM):	≤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
Ponmax:	17,42W	25,80W	26,74W	25,80W	26,74W	10,50W	10,85W

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

	DT12WW10-40	DT12NW10-40	DT13WW10-40	DT13W10-40
Lighting technology used:	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No
Color tunable light source:	No	No	No	No
Anti-glare shield:	No	No	No	No
Dimmable:	No	No	No	No
Energy consumption (kWh/1000h):	17 kWh/1000h	17 kWh/1000h	23 kWh/1000h	23 kWh/1000h
Energy efficiency class:	F	F	F	F
Useful luminous flux (Φ _{use}) (lm):	1600 lm	1670 lm	2190 lm	2290 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K
On-mode power (P _{on}) (W):	17,41W	17,64W	22,84W	22,98W
Standby power (P _{sb}):	≤0.5	≤0.5	≤0.5	≤0.5
Networked standby power (P _{net}) (W):	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	163x75 (mm)	163x75 (mm)	212x89 (mm)	212x89 (mm)
CRI:	92	92	92	92
Chromaticity coordinates (x and y):	x=0.4339; y=0.4054	x=0.3795; y=0.3825	x=0.4341; y=0.4019	x=0.3838; y=0.3824
Peak luminous intensity (cd):	4286	4477	5984	6255
Beam angle in degrees:	10°-40°	10°-40°	10°-40°	10°-40°
R9 color rendering index:	1	1	1	1
Survival factor:	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ)	-	-	-	-
McAdam ellipses:	4	4	4	4
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0.4	≤0.4	≤0.4	≤0.4
Ponmax:	21,25W	22,09W	28,40W	29,61W



Fără DT02RGBW30