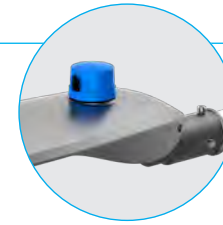


Street

Routier



194

RUA CV PRO



201

NUIT NUI PRO

150lm/W
actual/réels



202

VILLA FERNANDINA URBAN PRO



Up to / jusqu'à
170lm/W
actual/réels

205

KALE KV ECO



NEW

206

GROEN GRN ECO



PRO RUA cv



130 lm/W
actual/réels



NICHIA LED 3030 (160 lm/W)

Neoprene sealing gasket
Joint d'étanchéité en néoprène

Electrical safety switch
Pince de déconnexion électrique de sécurité

Premium european driver
Driver premières marques européennes

IK08 tempered
Glass closure
Fermeture
verre trempé IK08

10kv/10ka surge protection
Protection contre
les surtensions 10KV/10KA

Opening clamp
Ancrage d'ouverture

PMMA lens
Lentille PMMA

Tool-free opening system
Système d'ouverture
sans outils

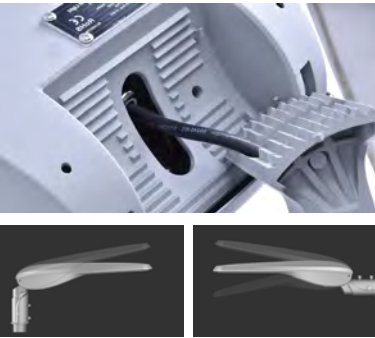
Finned heat sink
built into mould
Dissipateur à ailettes
Intégré dans le moule

Mounting system
Système de fixation

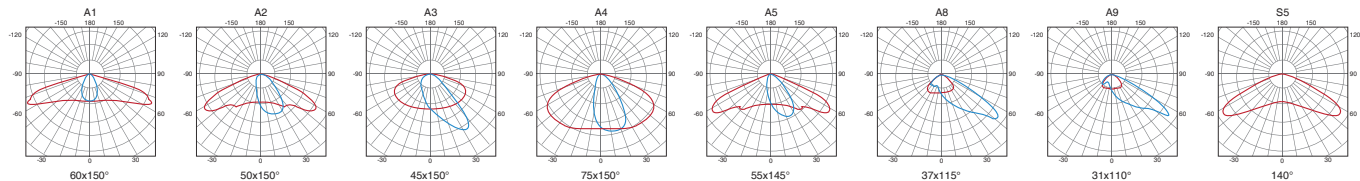


ACV34 Ø 34 mm.
ACV42 Ø 42 mm.
ACV76 Ø 76 mm.

Tilt options
Options d'inclinaison



Vertical
+15° rotation / rotation
Horizontal
±15° rotation / rotation



RUA "S"

PRO CVS



• LED



• Material



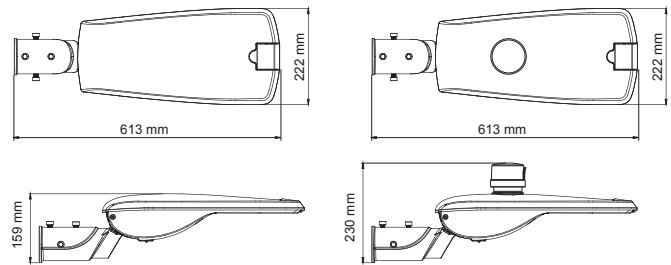
• Dimming Options



• Optional

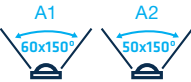


• Certif.



	K	W	I	N	
CVS001.*.**	5000K	20 W	350 mA	3200 lm	2751 lm
CVS002.*.**	4000K	20 W	350 mA	3100 lm	2620 lm
CVS003.*.**	2700K	20 W	350 mA	2810 lm	2410 lm
CVS004.*.**	5000K	30 W	550 mA	4800 lm	4095 lm
CVS005.*.**	4000K	30 W	550 mA	4650 lm	3900 lm
CVS006.*.**	2700K	30 W	550 mA	4188 lm	3588 lm
CVS007.*.**	5000K	40 W	700 mA	6400 lm	5418 lm
CVS008.*.**	4000K	40 W	700 mA	6200 lm	5160 lm
CVS009.*.**	2700K	40 W	700 mA	5560 lm	4747 lm
CVS010.*.**	5000K	50 W	900 mA	8000 lm	6731 lm
CVS011.*.**	4000K	50 W	900 mA	7750 lm	6410 lm
CVS012.*.**	2700K	50 W	900 mA	6900 lm	5897 lm

★ Lens Options



★★ Dimming Opt.

PH	ON/OFF Photocell / Cellule photo ON/OFF	D110	1-10V
TD5	CASAMBI Remote management / Télécontrôle CASAMBI	DA	DALI
SR	Non-dimmable / Sans réglage	DPR	Programmable / Programmable
DN2-	Dual level without control cable / Double niveau sans ligne de commande	DC	12-24Vdc
DN2+	Dual level with control cable / Double niveau sans ligne de commande		
DRC	Dimming on head / Réglage unifié		

*CRI>80 to order / *CRI > 80 sur commande

RUA “M”

PRO

CVM

5000K

4000K

2700K

198-264Vac
50/60Hz

5 YEARS
WARRANTY

CRI >70

cos φ >0,95

100.000 h

x 60.000

OFF ON

IK08

IP66

DI

PL

10kV/
10kA

IK08

IP66

DI

PL

10kV/
10kA

• LED

3030
NICHIA

90
LED

• Material

AL

V
TEMP

PMMA

INOX

NEOPRENE

BODY

DIFFUSER

LENS

CLOSURE

SEALING
GASKET

• Dimming Options

1-10V

DALI

DN2-

DN2+

DRC

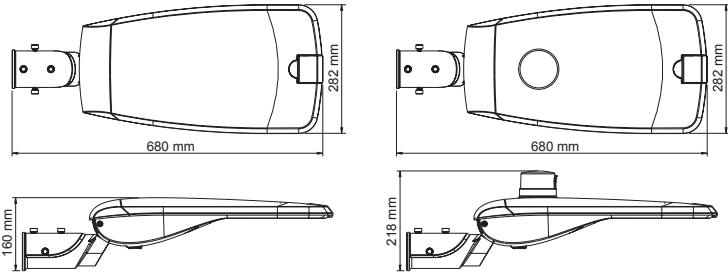
DPR

• Optional



Ref. APCV60V2

• Certif.



	K	W	I		
CVM001.*.**	5000K	50 W	500 mA	8000 lm	6878 lm
CVM002.*.**	4000K	50 W	500 mA	7750 lm	6550 lm
CVM003.*.**	2700K	50 W	500 mA	7091 lm	6091 lm
CVM004.*.**	5000K	60 W	600 mA	9600 lm	8253 lm
CVM005.*.**	4000K	60 W	600 mA	9300 lm	7860 lm
CVM006.*.**	2700K	60 W	600 mA	8435 lm	7310 lm
CVM007.*.**	5000K	70 W	700 mA	11200 lm	9555 lm
CVM008.*.**	4000K	70 W	700 mA	10500 lm	9100 lm
CVM009.*.**	2700K	70 W	700 mA	9870 lm	8463 lm
CVM010.*.**	5000K	80 W	800 mA	12800 lm	10836 lm
CVM011.*.**	4000K	80 W	800 mA	12400 lm	10320 lm
CVM012.*.**	2700K	80 W	800 mA	11200 lm	9597 lm
CVM013.*.**	5000K	90 W	850 mA	14400 lm	12096 lm
CVM014.*.**	4000K	90 W	850 mA	13950 lm	11520 lm
CVM015.*.**	2700K	90 W	850 mA	12510 lm	10713 lm

★ Lens Options



★★ Dimming Opt.

PH

Cellule photo ON/OFF

TD5

Télécontrôle CASAMBI

SR

Sans réglage

DN2-

Double niveau sans ligne de commande

DN2+

Double niveau sans ligne de commande

DRC

Réglage unifié

D110

1-10 V

DA

Dali

DPR

Programmable

*CRI>80 to order / *CRI > 80 sur commande

RUA “L”

PRO

CVL

5000K

4000K

2700K

198-264Vac
50/60Hz

5 YEARS
WARRANTY

CRI >70

cos φ >0,95

100.000 h

x 60.000

OFF ON

IK08

IP66

DI

PL

10kV/
10kA

IK08

IP66

DI

PL

10kV/
10kA

• LED

3030
NICHIA

144
LED

150W
176
LED

• Material

AL

V
TEMP

PMMA

INOX

NEOPRENE

BODY

DIFFUSER

LENS

CLOSURE

SEALING
GASKET

• Dimming Options

1-10V

DALI

DN2-

DN2+

DRC

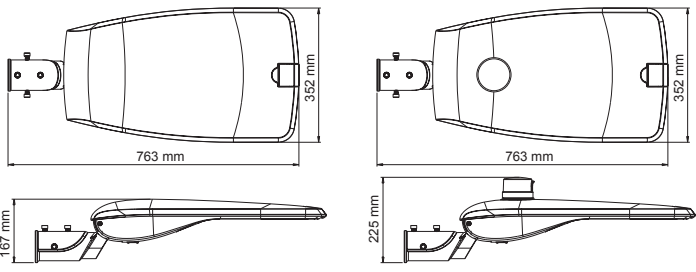
DPR

• Optional



Ref. APCV60V2

• Certif.



	K	W	I		
CVL001.*.**	5000K	100 W	850 mA	14360 lm	12445 lm
CVL002.*.**	4000K	100 W	850 mA	15115 lm	13100 lm
CVL003.*.**	2700K	100 W	850 mA	14000 lm	12050 lm
CVL004.*.**	5000K	120 W	1050 mA	17100 lm	14820 lm
CVL005.*.**	4000K	120 W	1050 mA	18000 lm	15600 lm
CVL006.*.**	2700K	120 W	1050 mA	16560 lm	14352 lm
CVL007.*.**	5000K	150 W	1050 mA	21211 lm	18383 lm
CVL008.*.**	4000K	150 W	1050 mA	22327 lm	19350 lm
CVL009.*.**	2700K	150 W	1050 mA	20541 lm	17802 lm

★ Lens Options



★★ Dimming Opt.

PH

Cellule photo ON/OFF

TD5

Télécontrôle CASAMBI

SR

Sans réglage

DN2-

Double niveau sans ligne de commande

DN2+

Double niveau sans ligne de commande

DRC

Réglage unifié

D110

1-10 V

DA

Dali

DPR

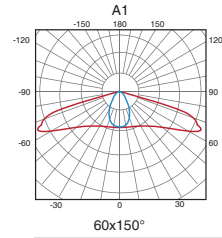
Programmable

*CRI>80 to order / *CRI > 80 sur commande

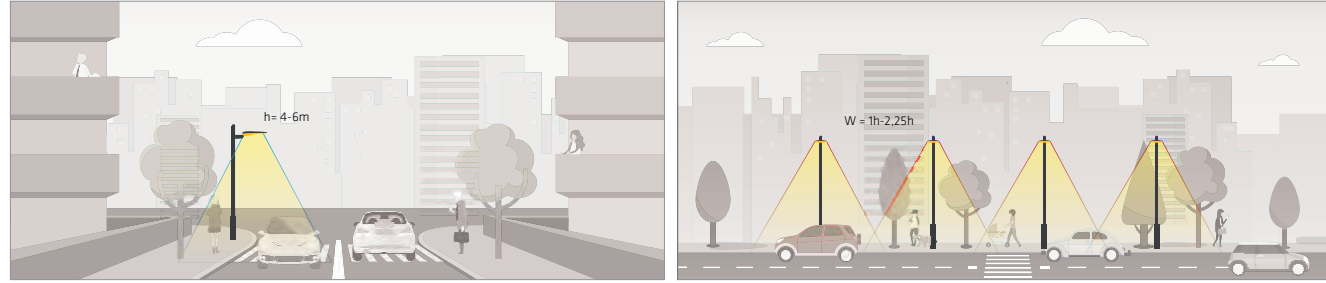
SPACES / ESPACES

CHOOSE THE RIGHT LENS FOR EACH SITUATION / CHOISISSEZ LA LENTILLE ADAPTÉE À CHAQUE SITUATION

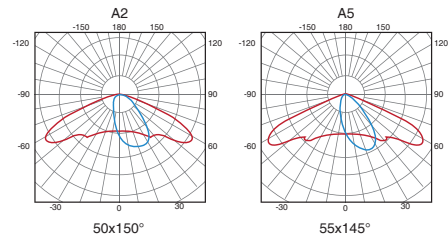
TYPE I Short



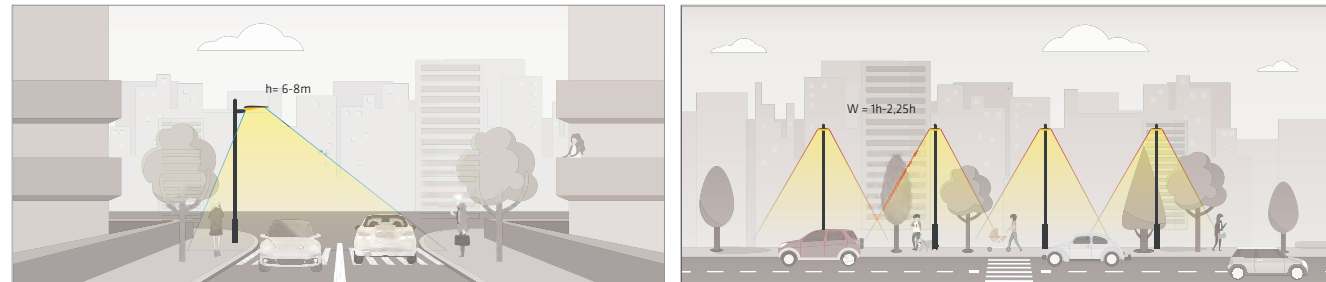
For heights (h) between 6m and 8m and centre-to-centre spacing (w) between 1h and 2.25h.
Pour les hauteurs comprises entre $h = 4$ m et $h = 6$ m et interdistances (w) entre 1 h et 2,25 h



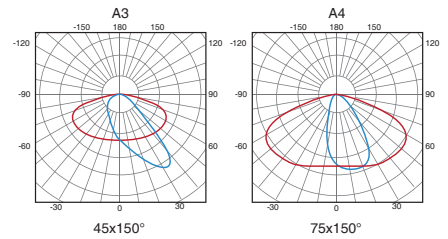
TYPE II Short



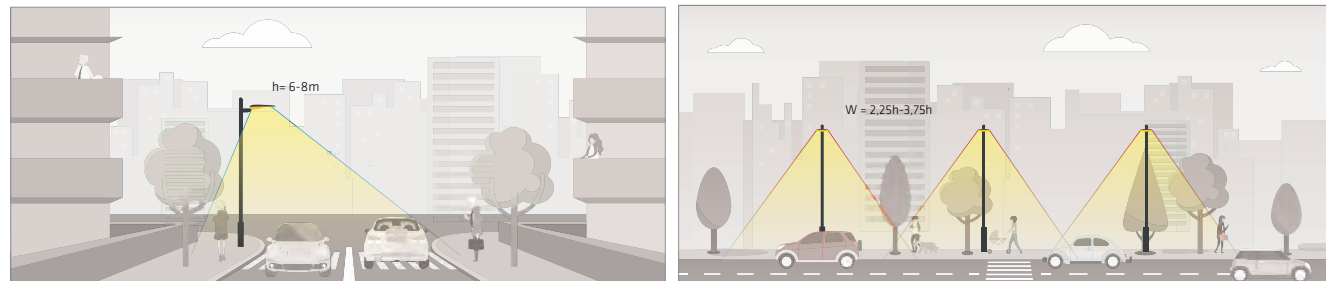
For heights (h) between 6m and 8m and centre-to-centre spacing (w) between 1h and 2.25h.
Pour les hauteurs comprises entre $h = 6$ m et $h = 8$ m et interdistances (w) entre 1 h et 2,25 h



TYPE II Medium

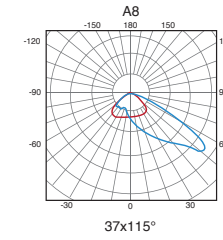


For heights (h) between 6m and 8m and centre-to-centre spacing (w) between 2.25h and 3.75h.
Pour les hauteurs comprises entre $h = 6$ m et $h = 8$ m et interdistances (w) entre 2,25 h et 3,75 h



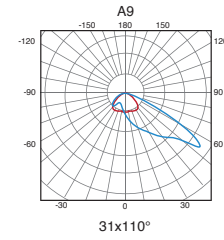
SPACES / ESPACES

TIPO III Very Short



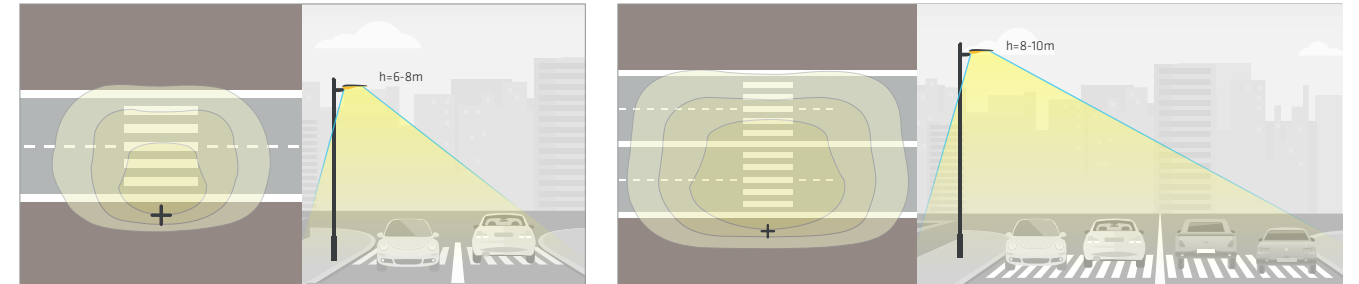
For heights (h) between 6m and 8m and centre-to-centre spacing (w) between 1h and 1.75h. Suitable for 2 streets intersections.

Pour les hauteurs comprises entre $h = 6$ m et $h = 8$ m et interdistances (w) entre 1 h et 1,75 h. Adaptée aux croisements à 2 voies.

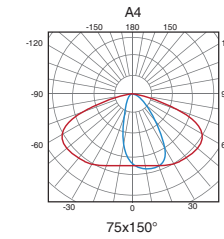


For heights (h) between 8m and 10m and centre-to-centre spacing (w) between 1h and 1.75h. Suitable for 4 streets intersections.

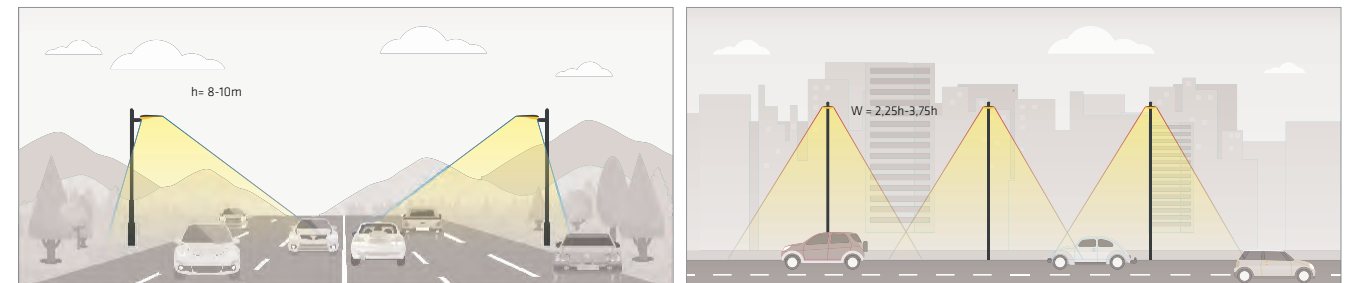
Pour les hauteurs comprises entre $h = 8$ m et $h = 10$ m et interdistances (w) entre 1 h et 1,75 h. Adaptée aux croisements à 4 voies.



TYPE III Medium



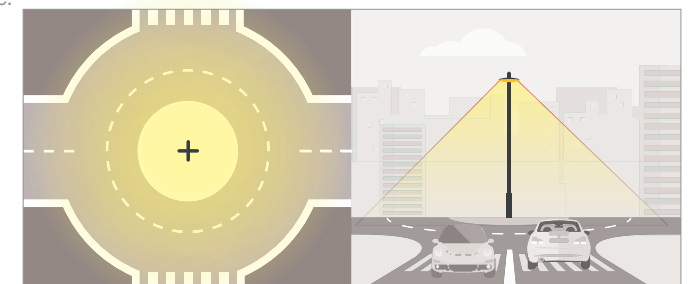
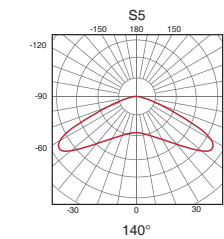
For heights (h) between 8m and 10m and centre-to-centre spacing (w) between 2.25h and 3.75h.
Pour les hauteurs comprises entre $h = 8$ m et $h = 10$ m et interdistances (w) entre 2,25 h et 3,75 h



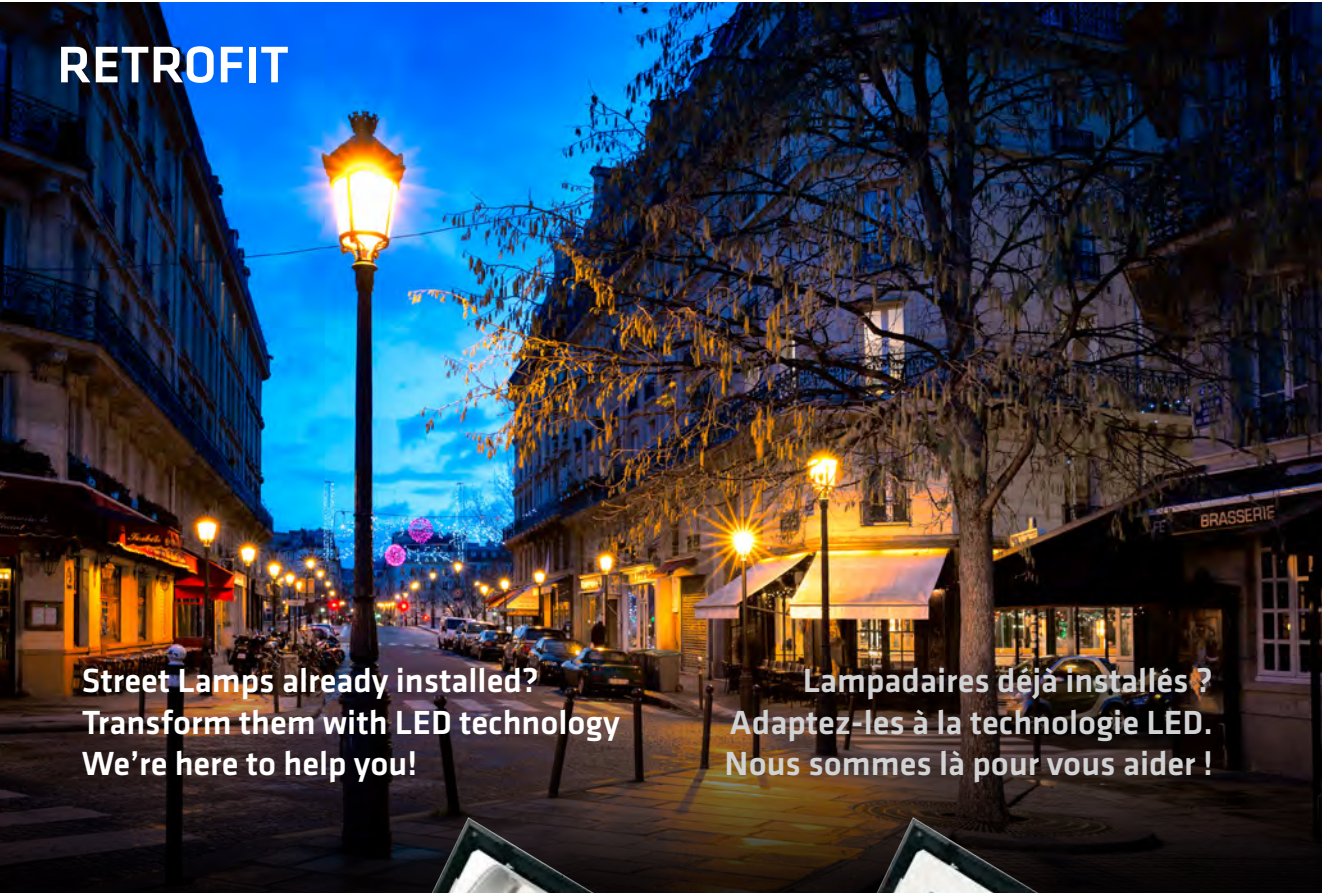
TYPE V

For areas where a symmetrical light distribution is needed.

Pour les zones où une distribution lumineuse symétrique est nécessaire.



RETROFIT



Traditional
technology



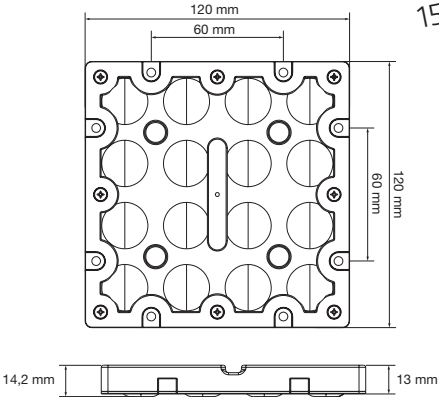
LED technology

Threeline offers a **CUSTOMISED SERVICE** to adapt LED modules to already installed street lamps.

1. Send us a **sample of the internal plate** or a scheme with the **sizes** to realise the adaptation.
2. Our technical R&S department will develop a **project of the plate** and a **study of the necessary light source**.
3. Once realised the project of the adaptation, **fabrication** phase will begin.
4. After the production, several **tests** and controls will take place, in order to **verify the project and the quality**.
5. Afterwards, the manufacturing laboratory will **assemble the light source with the casing**.
6. Once completed, the **order will be shipped** from our logistic warehouse.

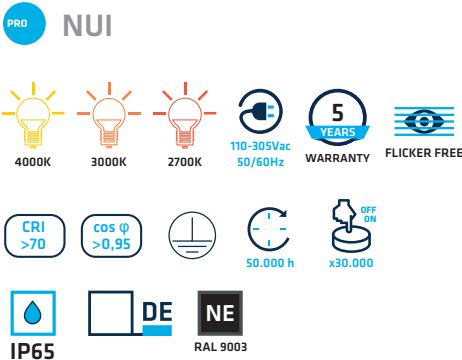
Threeline propose un **SERVICE PERSONNALISÉ** pour l'adaptation du module LED au lampadaire déjà installé.

1. Envoyez-nous en usine un échantillon de la plaque ou les dimensions pour nous permettre de procéder à l'adaptation.
2. Notre Division Technique de R+D s'occupera du design de la plaque et de l'étude des luminaires nécessaires.
3. Une fois le design d'adaptation réalisé, vient l'étape de fabrication.
4. Puis ensuite divers essais et contrôles des paramètres sont effectués pour pouvoir vérifier le design et la qualité.
5. La Division de Production est la suivante à intervenir, pour le montage entre la plaque et le luminaire.
6. Et enfin, notre Division Logistique s'occupe de l'expédition de la commande.



150 actual lm/W
150 lm/W réels

NUIT



• Material



• Certif.



• Angles



NUIT product codes include the LED module, the driver and the dissipation plate, to be made according to the measurements and color required by the installation.
Les références de notre groupe optique NUIT comprennent le module LED, le driver et la plaque dissipatrice à la mesure de l'installation, en dimensions et en couleur.

*Create your reference / *Générez votre référence

	W		CRI		K						
NUI	20 W	20	CRI>70	7	 4000K	40	80X150	A6	SR	SR	NEW NC
	30 W	30			 3000K	30	150	S6	DN2-	DN2-	S
	40 W	40			 2700K	27			DN2+	DN2+	
	50 W	50							D110	D110	
									DA	DA	

W	K	4000K	3000K
20 W	4000K	3400 lm	3000 lm
	3000K	3200 lm	2900 lm
	2700K	3100 lm	2800 lm

W	K	4000K	3000K
30 W	4000K	5000 lm	4500 lm
	3000K	4800 lm	4350 lm
	2700K	4650 lm	4200 lm

W	K	4000K	3000K
40 W	4000K	6800 lm	6000 lm
	3000K	6400 lm	5800 lm
	2700K	6200 lm	5600 lm

W	K	4000K	3000K
50 W	4000K	8500 lm	7500 lm
	3000K	8000 lm	7250 lm
	2700K	7750 lm	7000 lm

* Optional:



VILLA

PRO

VILLA_CV

5700K

4000K

3000K

2700K

110-305Vac
50/60Hz

FLICKER FREE

CRI >70

cos φ >0,95

50.000 h

x100.000 (VLQ)
x30.000 (VLN)

5 YEARS
WARRANTY

IK08

IP65

DE

NE

• Angles



• Material

• Certif.

M

AL

AL

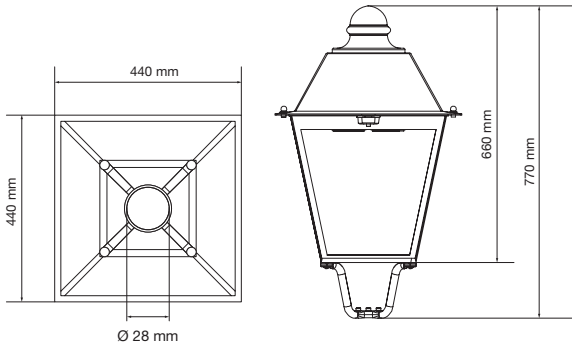
DIFFUSER

BODY

REFLECTOR

CE

• Dimming Options



MAKE YOUR ORDER / PASSEZ VOTRE COMMANDE

You have to order separately: / Vous devrez commander séparément :

1. Ref. street lamp casing: [VILLA_CV](#) / Réf. du boîtier du luminaire : [VILLA_CV](#)
2. Ref. LED module: [VLN](#) or [VLQ](#) according to the characteristics needed / Réf. du module LED : VLN ou VLQ en fonction des caractéristiques souhaitées.

e.g.: [VILLA_CV](#) (Ref. street lamp casing)

e.g.: [VLQ](#) + [040](#) + [40](#) + [120](#) + [D2](#) = [VLQ04040120D2](#) (Ref. LED module)

	W		K					
	25 W	025	4000K	40	80x150°	A6	Non dimmable	
	50 W	050	3000K	30	150°	150	1-10V	D1
	100 W	100	2700K	27			DALI	D2
							DN2-	D6
							DN2+	D7
							DRC	D8
	40 W	040	5700K	57	45°	45	Non dimmable	
	80 W	080	4000K	40	60°	60	1-10V	D1
			3000K	30	120°	120	DALI	D2

CCT	25 W		40 W		50 W		80 W		100 W	
5700K	—	—	8000 lm	6800 lm	—	—	16000 lm	13600 lm	—	—
4000K	4250 lm	3750 lm	7840 lm	6664 lm	8500 lm	7500 lm	15680 lm	13328 lm	17000 lm	15000 lm
3000K	4000 lm	3625 lm	7600 lm	6460 lm	8000 lm	7250 lm	15200 lm	12920 lm	16000 lm	14500 lm
2700K	3875 lm	3500 lm	—	—	7750 lm	7000 lm	—	—	15500 lm	14000 lm

★ Optional:



FERNANDINA

PRO

FERNANDINA_CV

5700K

4000K

3000K

2700K

110-305Vac
50/60Hz

FLICKER FREE

CRI >70

cos φ >0,95

50.000 h

x100.000 (FRQ)
x30.000 (FRN)

5 YEARS
WARRANTY

IK08

IP65

DE

NE

• Angles



• Material

• Certif.

M

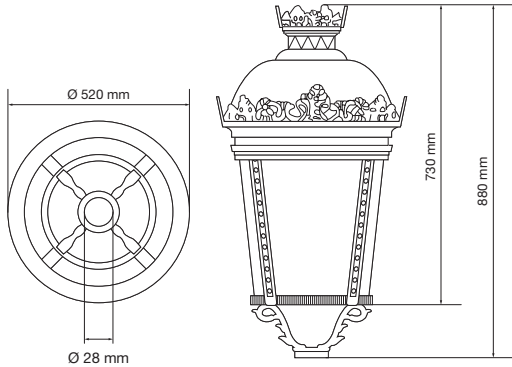
AL

DIFFUSER

BODY

CE

• Dimming Options



MAKE YOUR ORDER / PASSEZ VOTRE COMMANDE

You have to order separately: / Vous devrez commander séparément :

1. Ref. street lamp casing: [FERNANDINA_CV](#) / Réf. du boîtier du luminaire : [FERNANDINA_CV](#)
2. Ref. LED module: [FRN](#) or [FRQ](#) according to the characteristics needed / Réf. du module LED : FRN ou FRQ en fonction des caractéristiques souhaitées.

Ej.: [FERNANDINA_CV](#) (Ref. street lamp casing)

Ej.: [FRQ](#) + [080](#) + [40](#) + [120](#) + [D1](#) = [FRQ08040120D1](#) (Ref. LED module)

	W		K					
	25 W	025	4000K	40	80x150°	A6	Non dimmable	
	50 W	050	3000K	30	150°	150	1-10V	D1
	100 W	100	2700K	27			DALI	D2
							DN2-	D6
							DN2+	D7
							DRC	D8
	40 W	040	5700K	57	45°	45	Non dimmable	
	80 W	080	4000K	40	60°	60	1-10V	D1
			3000K	30	120°	120	DALI	D2

CCT	25 W		40 W		50 W		80 W		100 W	
5700K	—	—	8000 lm	6800 lm	—	—	16000 lm	13600 lm	—	—
4000K	4250 lm	3750 lm	7840 lm	6664 lm	8500 lm	7500 lm	15680 lm	13328 lm	17000 lm	15000 lm
3000K	4000 lm	3625 lm	7600 lm	6460 lm	8000 lm	7250 lm	15200 lm	12920 lm	16000 lm	14500 lm
2700K	3875 lm	3500 lm	—	—	7750 lm	7000 lm	—	—	15500 lm	14000 lm

★ Optional:



URBAN

PRO URBANR_CV / URBANB_CV

5700K

4000K

3000K

2700K

110-305Vac
50/60Hz

FLICKER FREE

CRI >70

cos φ >0,95

50.000 h
x 100.000 (URQ)
x 30.000 (URN)

5 YEARS
WARRANTY

IK08

IP65

DE

NE

• Angles



• Material

M

AL

DIFFUSER

BODY

• Dimming Options



MAKE YOUR ORDER / PASSEZ VOTRE COMMANDE

You have to order separately: / Dovrai ordinare separatamente:

1. Ref. street lamp casing: URBANR_CV or URBANB_CV / Réf. du boîtier du luminaire : URBANR_CV o URBANB_CV
2. Ref. LED module: URN or URQ according to the characteristics needed / Réf. du module LED : URN ou URQ en fonction des caractéristiques souhaitées.

e.g.: URBANR_CV (Ref. street lamp casing)

e.g.: URN + 100 + 27 + A6 + D7 = URN10027A6D7 (Ref. LED module)

	W		K		°			*
	URN	50 W	050	 4000K	40	80x150°	A6	Non dimmable
		100 W	100	 3000K	30	150°	150	1-10V D1
		150 W	150	 2700K	27			DALI D2
		200 W	200					DN2- D6
								DN2+ D7
								DRC D8
	URQ	40 W	040	 5700K	57	45°	45	Non dimmable
		80 W	080	 4000K	40	60°	60	1-10V D1
		120 W	120	 3000K	30	120°	120	DALI D2

CCT	40 W		50 W		80 W		100 W		120 W		150 W		200 W	
5700K	8000 lm	6800 lm	—	—	16000 lm	13600 lm	—	—	24000 lm	20400 lm	—	—	—	—
4000K	7840 lm	6664 lm	8500 lm	7500 lm	15680 lm	13328 lm	17000 lm	15000 lm	23520 lm	19992 lm	25500 lm	22500 lm	34000 lm	30000 lm
3000K	7600 lm	6460 lm	8000 lm	7250 lm	15200 lm	12920 lm	16000 lm	14500 lm	22800 lm	19380 lm	24000 lm	21750 lm	32000 lm	29000 lm
2700K	—	—	7750 lm	7000 lm	—	—	15500 lm	14000 lm	—	—	23250 lm	21000 lm	31000 lm	28000 lm

* Optional:



KALE S/M/L/XL

ECO KVS / KVM / KVL / KVXL

4000K

3000K

90-305Vac
50/60Hz

5 YEARS
WARRANTY

FLICKER FREE

CRI >80

cos φ >0,95

50.000 h
x 100.000 (URQ)
x 30.000 (URN)

5 YEARS
WARRANTY

IK08

IP66

DI

PL

10kV/
5kA
PROTECTOR

• Material

AL

V

BODY

DIFFUSER

SURGE PROTECTION INCLUDED
PROTECTEUR CONTRE SURTENSIONS INCLUS



	A	B	C
KVS	534,7 mm	192,47 mm	82,5 mm
KVM	577 mm	222,23 mm	87,5 mm
KVL	667 mm	285,97 mm	90,5 mm
KVXL	764,5 mm	312 mm	90,5 mm

		°	W	K	N	
NEW	KVS03040	*	30 W	4000K	4800 lm	4200 lm
	KVS03030	*	30 W	3000K	4350 lm	3900 lm
NEW	KVS05040	*	50 W	4000K	11200 lm	7000 lm
	KVS05030	*	50 W	3000K	7250 lm	6500 lm
NEW	KVM08040	*	80 W	4000K	12800 lm	11200 lm
	KVM08030	*	80 W	3000K	11600 lm	10400 lm
NEW	KVM10040	*	100 W	4000K	16000 lm	14000 lm
	KVM10030	*	100 W	3000K	14500 lm	13000 lm
NEW	KVL12040	*	120 W	4000K	19200 lm	16800 lm
	KVL12030	*	120 W	3000K	17400 lm	15600 lm
NEW	KVL15040	*	150 W	4000K	24000 lm	21000 lm
	KVL15030	*	150 W	3000K	21750 lm	19500 lm
NEW	KVXL20040	*	200 W	4000K	32000 lm	28000 lm
	KVXL20030	*	200 W	3000K	29000 lm	26000 lm
NEW	KVXL24040	*	240 W	4000K	38400 lm	33600 lm
	KVXL24030	*	240 W	3000K	34800 lm	31200 lm

* Lens Options



GROEN

ECO

GRN

4000K

3000K*

220-240Vac
50/60Hz

5 YEARS WARRANTY

FLICKER FREE

110°

CRI >80

COS Φ >0,9

50.000 h

x 25.000

DI

NE

IK07

IP65

RAL 9005

• Material

PC

AL

DIFFUSER BODY

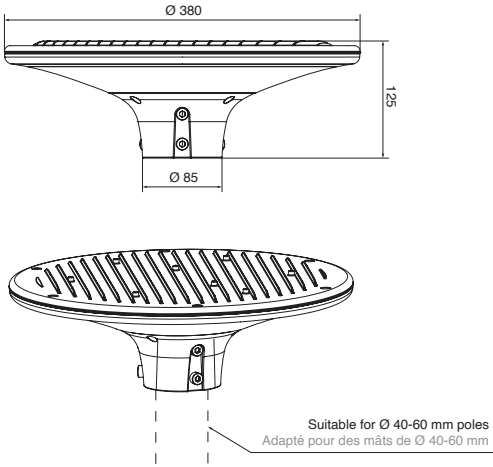
• Included

10kV/
10kA

SURGE PROTECTOR

• Certif.

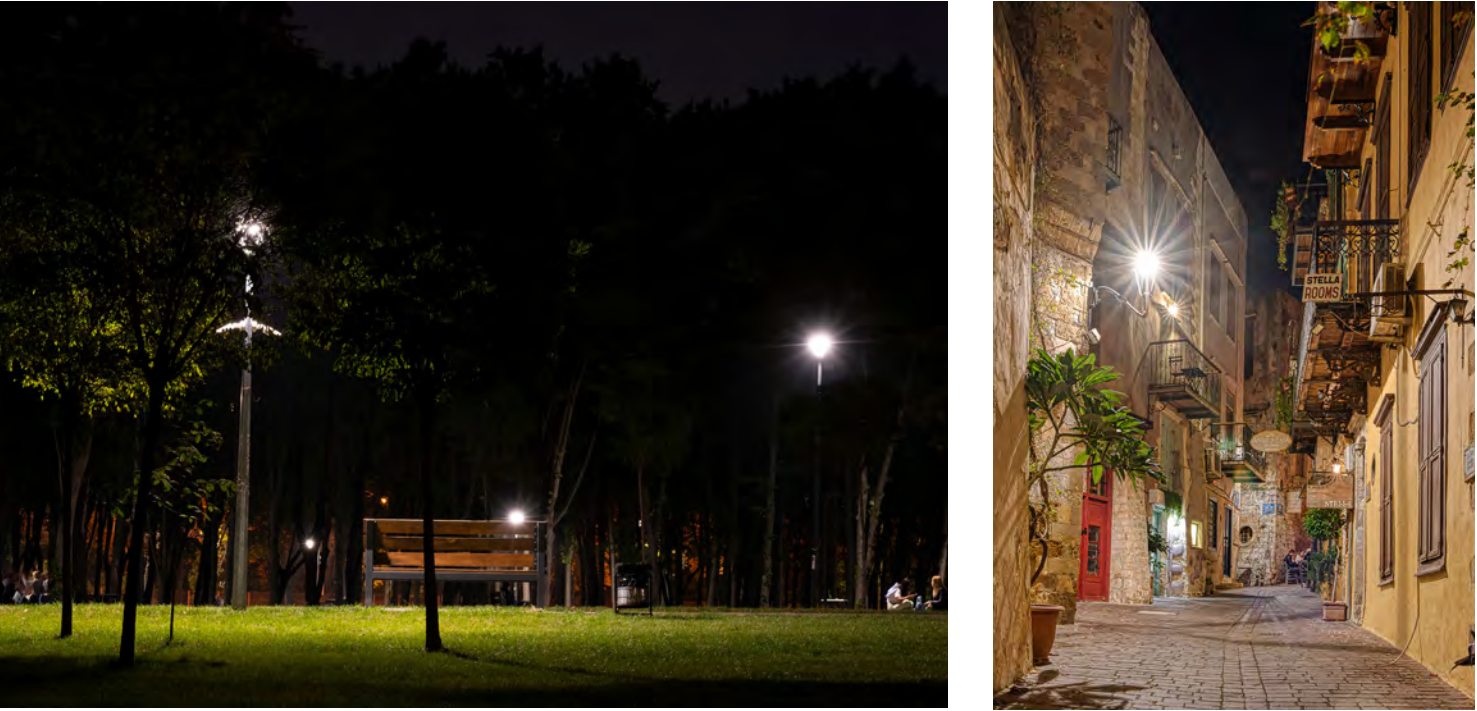
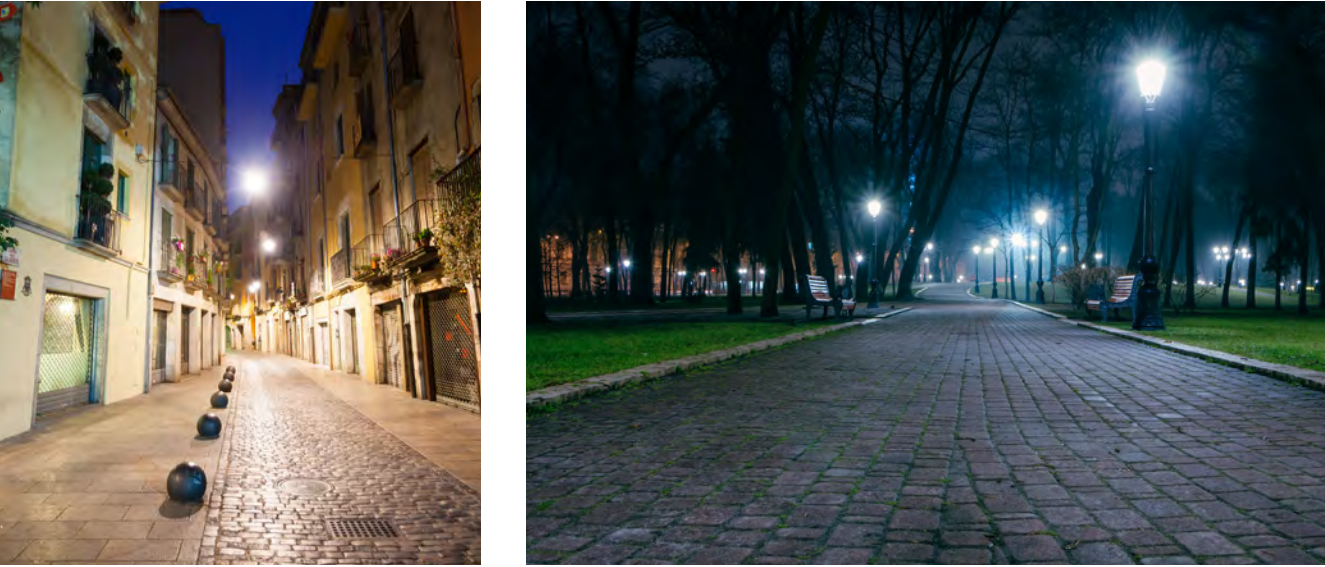
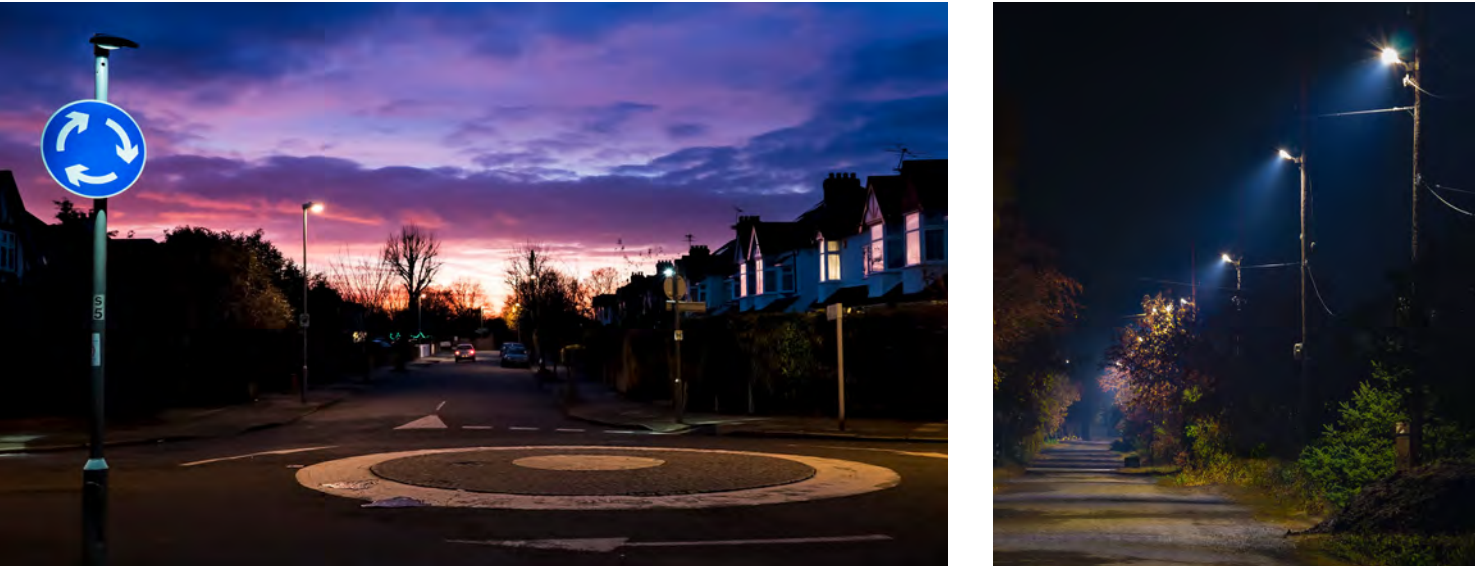
CE



Measures (mm).

*Check availability for 3000K / *Consulter la disponibilité en 3000K

		K	W		
GRN2040110	110°	4000K	20 W	2200 lm	2000 lm
GRN3040110	110°	4000K	30 W	3300 lm	3000 lm
GRN5040110	110°	4000K	50 W	5500 lm	5000 lm



OUTDOOR / EXTÉRIEUR