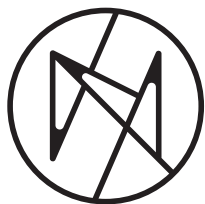


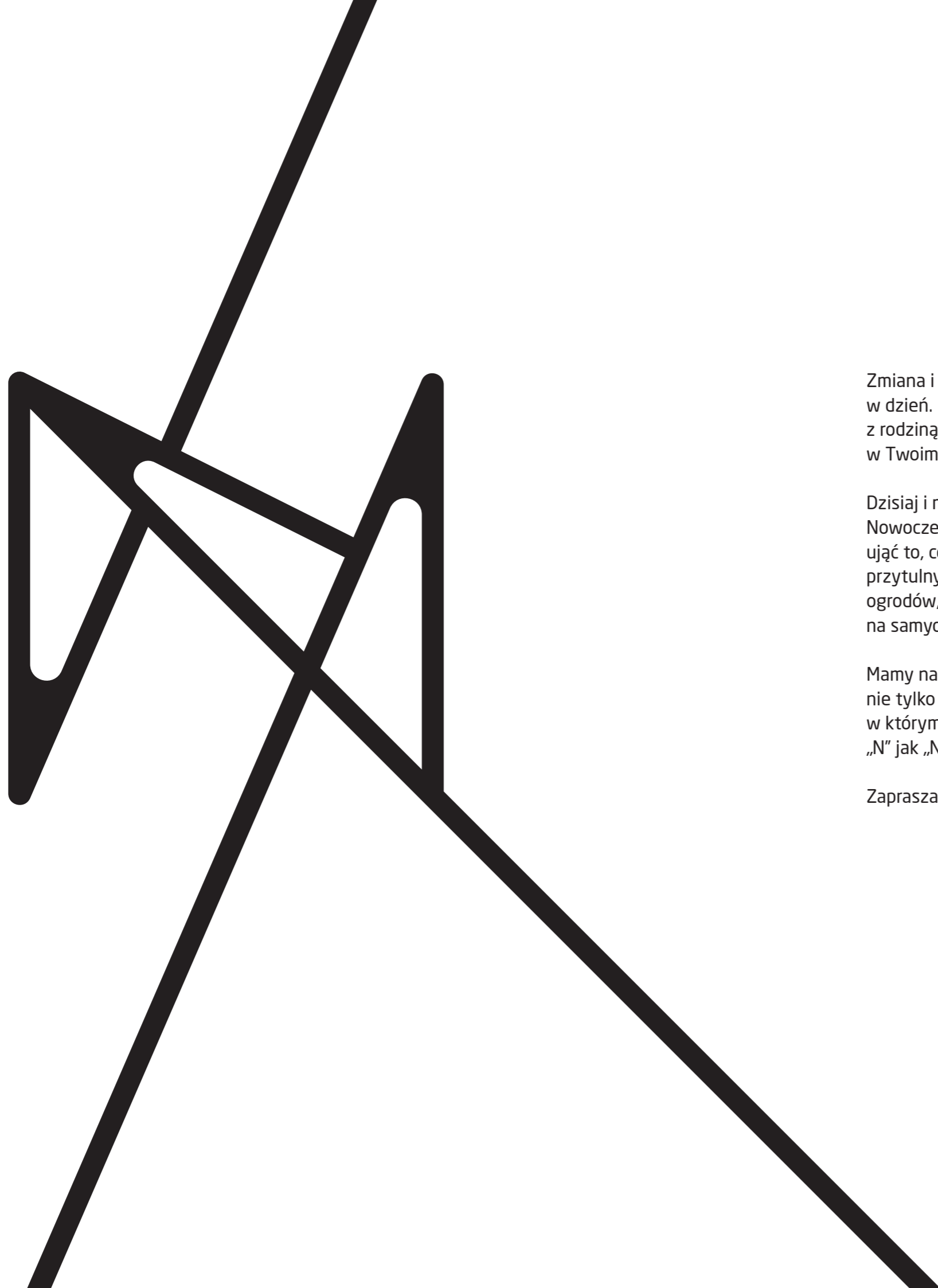
Outdoor lighting



Nowodvorski
LIGHTING



Nowodvorski
LIGHTING



Zmiana i światło są ze sobą nierozzerwalnie związane - dzień zmienia się w noc, a noc w dzień. Klimatycznie oświetlony taras stanie się ulubionym miejscem spotkań z rodziną i przyjaciółmi lub wieczorną oazą relaksu, a podświetlone rośliny i alejki w Twoim ogrodzie stworzą bajkową scenerię wokół domu.

Dzisiaj i my kierujemy światło na... zmiany - na naszą nową identyfikację wizualną. Nowoczesną. Przyciągającą wzrok. Jak nasze oświetlenie. W jednym symbolu chcieliśmy ująć to, co najbardziej doceniają nasi Klienci i Partnerzy: możliwość tworzenia nie tylko przytulnych wnętrz, ale również otwartych przestrzeni wokół budynków, magicznych ogrodów, klimatycznych stref restauracyjnych jak i niezapomnianych aranżacji świetlnych na samych budynkach.

Mamy nadzieję, że „N” widoczne w sygnecie logo, złożone z wiązek światła, będzie nie tylko odwołaniem do nazwiska i marki. Liczymy na to, że podkreśli w każdym miejscu, w którym pojawi się nasze oświetlenie zewnętrzne to, co napędza rozwój: „N” jak „Nie ma granic dla kreatywności”.

Zapraszamy do świata, w którym oświetlenie tworzysz, a nie jedynie montujesz.

Изменение и свет неразрывно связаны - день превращается в ночь, а ночь превращается в день.

Освещенная под настроение терраса, станет любимым местом встреч с семьей и друзьями или оазисом расслабления в вечернее время. Освещенные растения и аллеи в вашем саду создадут сказочный пейзаж вокруг дома.

Сегодня мы проливаем свет на... изменения - на нашу новую визуальную идентификацию. Современную. Привлекающую внимание. Как наше освещение. В одном символе мы хотели объединить все особенности, которые больше всего восхищают наших клиентов и партнеров: возможность создания не только уютных интерьеров, но также открытых пространств вокруг зданий, волшебных садов, атмосферные обеденные зоны на открытом воздухе, так и незабываемые световые композиции на самих зданиях.

Мы надеемся что буква «N», состоящая из световых лучей в нашем логотипе, будет больше, чем просто ссылкой на фамилию или бренд.

Мы верим, что она будет подчеркивать в каждом месте, где появляется наше наружное (уличное) освещение, то, что движет нашим развитием: «N» как «Ничто не может помешать нам быть творческими».

Добро пожаловать в новый мир, где вы создаете освещение, а не просто устанавливаете его.

Change and light are inextricably connected - day turns to night and night turns to day. A mood lit terrace will become a favourite meeting place with family and friends or an oasis of relaxation in the evening, and the illuminated plants and alleys in your garden will create a fairy-tale scenery around the house.

Today we also direct light onto changes in our new visual identity; modern and eye-catching just like our lighting... In one symbol, we wanted to incorporate all of the features, that our clients and partners admire the most: the possibility of creating not only cosy interiors, but also open spaces around buildings, magical gardens, atmospheric dining outdoor zones as well as unforgettable light arrangements on the buildings themselves.

We hope that the "N" which is composed of lighting beams in our logo will be more than merely a reference to the surname or brand. We believe, that it will emphasize in every place - where our outdoor lighting appears - what drives our development: "N" as in "Nothing can stop us from being creative".

Welcome to a new world, where you create lighting and don't just install it.

OUTDOOR LIGHTING



CUMULUS 12-15



FLOWERPOT 16-17



CUMULUS CUBE 18



STAR 19



GALAXY 19



STRUCTURE LED 20-21



SYMMETRY LED 22-23



OTTAWA 24



SOUL 25



TUBINGS 26-29



SPIKE LED 30



BUSH 31



THIKA LED 32-33



RIO 34-35



ROCK 36



FOG 37



NEGRO 38



EXE 39



SIERRA 40



BRIC 41



ORINOKO 41



UNIT LED 41



MEKONG 42



MISTRAL 43



AMUR 44



TYBR 45



TAY 46



SPEY 47



LANTERN 48



DON 48



QUARTZ 49



INDUS 49



LHOTSE LED 50



POLE LED 50



TEPIC LED 51



MONTERREY LED 51



NORIN 52 HORN 52 OIR 53 SIROCCO 53 PATHWAY FOUNDATION KIT 54 PATHWAY LED 54-55 PAT LED 79 CIRCLLET LED 79 PICNIC LED 80-81 HANGING SET FOR PICNIC LED 80 MAHE LED 82-83 POWER CORD FOR FESTOON LIGHTS 85



PUEBLA LED 56 MERIDA LED 56 HEXA 57 BRAVO 58 ALPHA 58-59 LENS LED 60 FESTOON LIGHTS 84-85 CHARLIE 86 DELTA 86 GOLF 87 ECHO 87 FOXTROT 88



EDESA LED 61 NOOK 62-64 TAHOE 65 ZOA LED 66 SINUS 67 PATRAS LED 67 JULIET 89



MUNO LED 67 ELLIPSES LED 68 TRIANGLES LED 68 LIMA LED 69 KHUMBU 69 ASSOS 70



ARRIS 71 NICO 71 PEAK LED 72 DRAS LED 72 SEMI LED 72 PRIMM 73 REFLECTOR COB LED, GU10, ES111, 15W 92 REFLECTOR LENS LED, GU10, ES111, 9W 92 REFLECTOR DIFFUSER LED, GU10, ES111, 9W 92 BULB LED G9, 7W 93 BULB LED G9, 4W 93 BULB LENS LED, G9, 3W 93



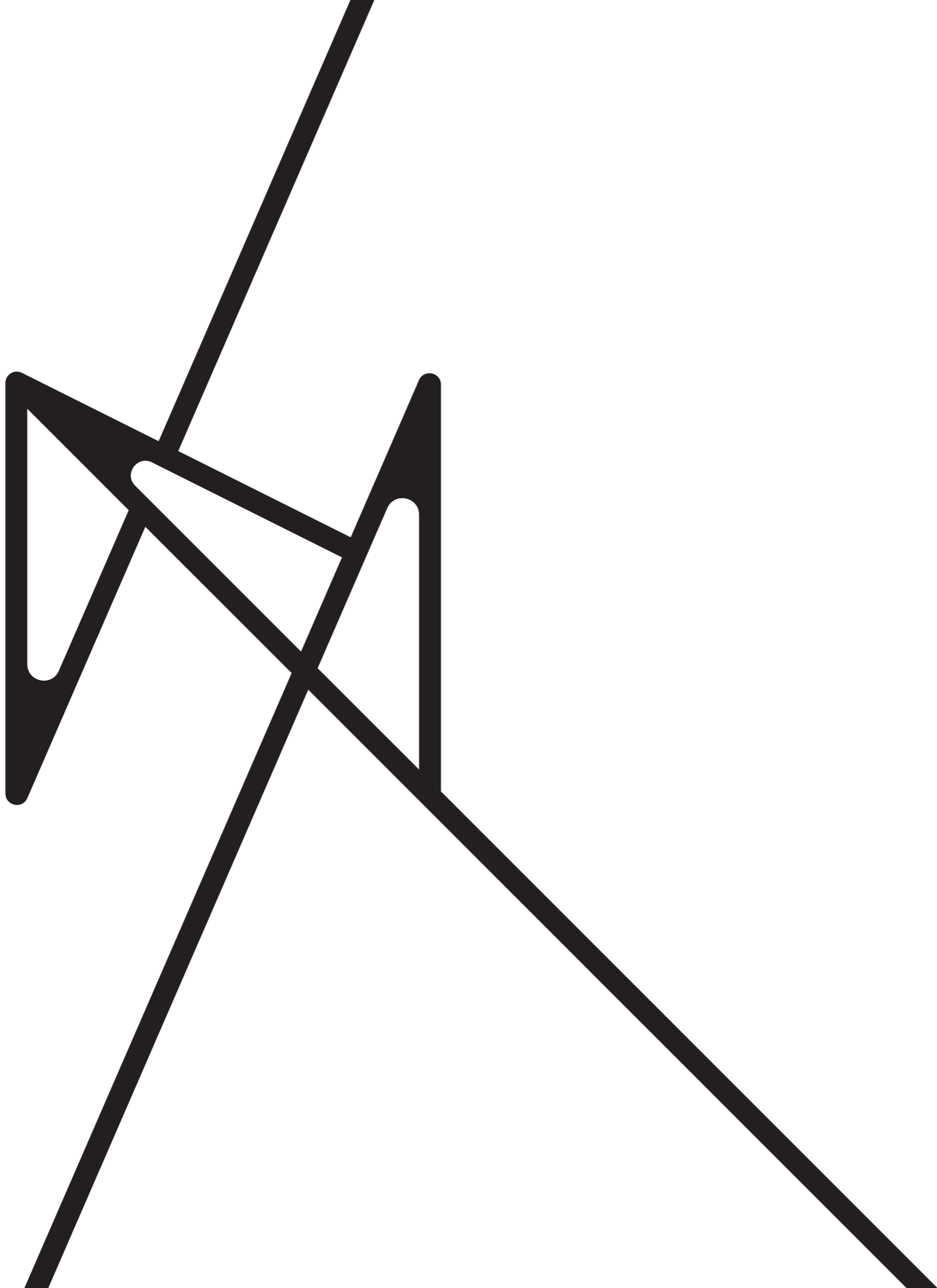
FALLON 73 BAY LED 74 SIDEWALK ROUND LED 75 SIDEWALK SQUARE LED 75 BASALT 76 ASSAM 76 REFLECTOR LED, GU10, R50, 7W 93 BULB LED, GX53, 8W 94 BULB GLASS BALL LED, E27, 8W 94 BULB LED, E27, A60, 2W, 5 PC SET 94 BULB VINTAGE LED, E14, 4W 95 BULB VINTAGE LED, E27, 4W 95



INA 76 STEP LED 77 OIA LED 77 PICCO LED 78 PAOLI 79 MON LED 79 BULB VINTAGE LED, E27, 4W 95 BULB VINTAGE LED, E27, 4W 95 BULB VINTAGE LED, E27, 4W 95 WATERPROOF CONNECTOR IP68 96 WATERPROOF „Y“ CONNECTOR IP68 96

LIGHT SOURCES AND ACCESSORIES





Outdoor
lighting



CUMULUS M 9715

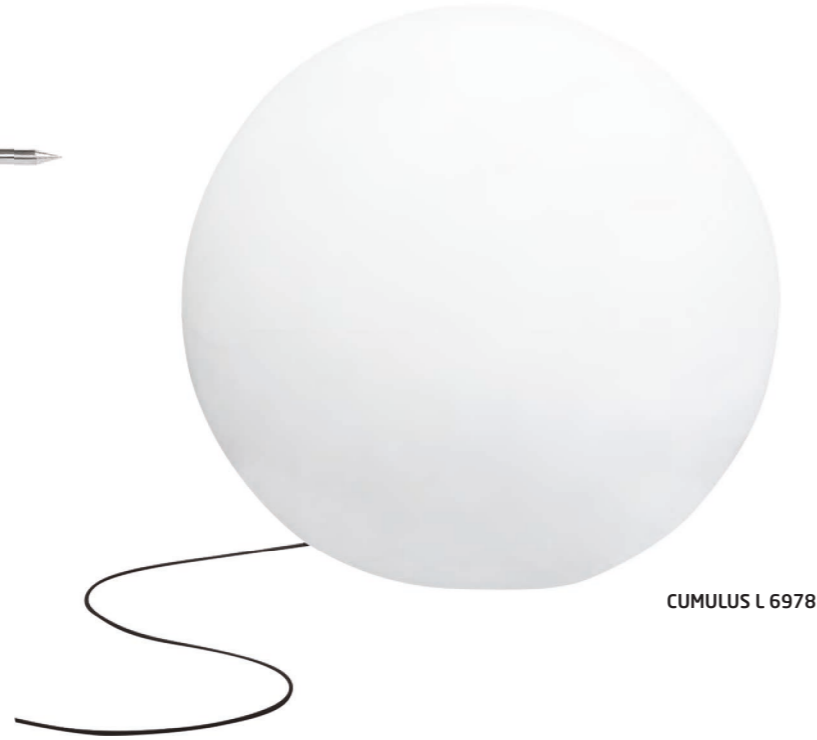
CUMULUS L 6978



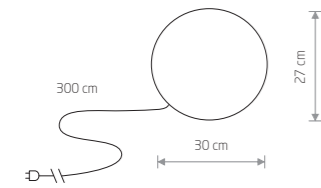
CUMULUS S 6976

CUMULUS M 6977





CUMULUS L 6978



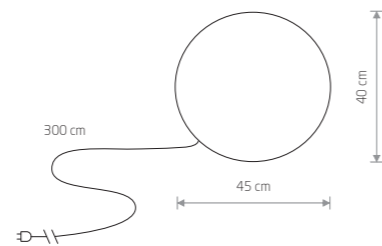
CUMULUS S

plastic PE

6976

1xE27, max 40W

IP44



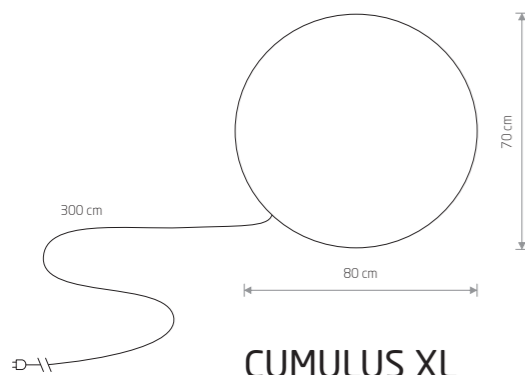
CUMULUS M

plastic PE

6977

1xE27, max 60W

IP44



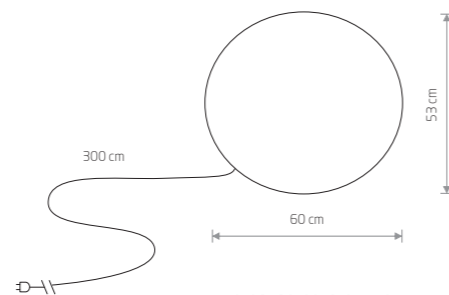
CUMULUS XL

plastic PE

9714

1xE27, max 60W

IP44



CUMULUS L

plastic PE

6978

1xE27, max 60W

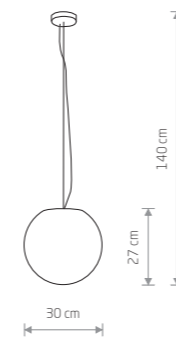
IP44



CUMULUS S 9751



CUMULUS M 9715



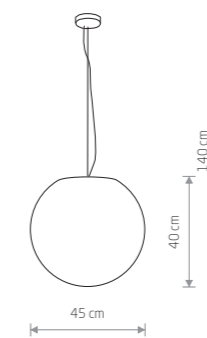
CUMULUS S

plastic PE, painted steel

9751

1xE27, max 60W

IP65



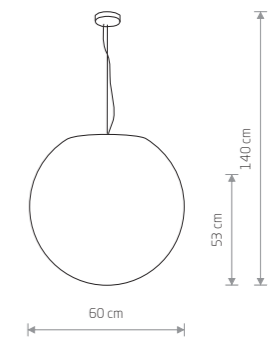
CUMULUS M

plastic PE, painted steel

9715

1xE27, max 60W

IP65



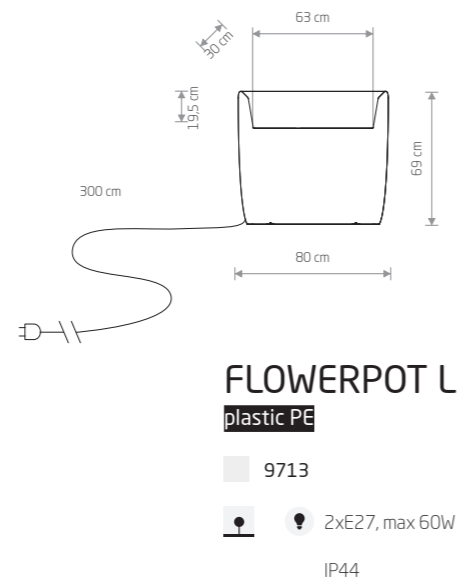
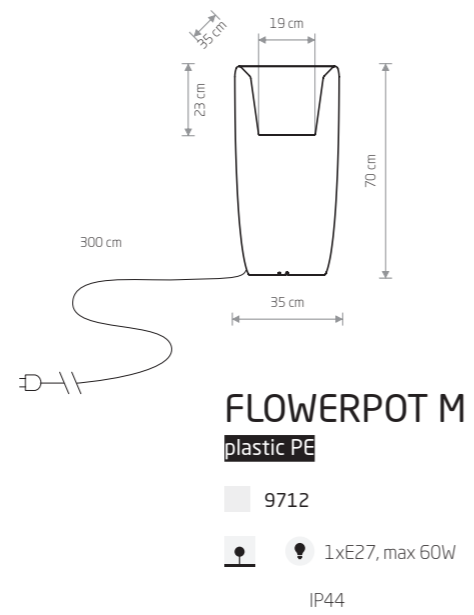
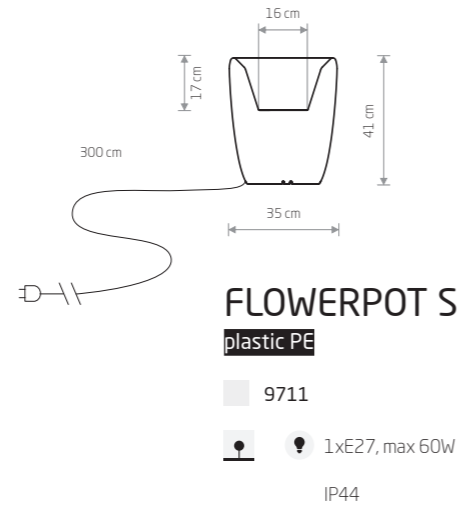
CUMULUS L

plastic PE

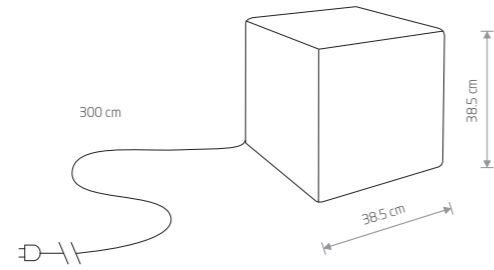
9607

1xE27, max 60W

IP65



FLOWERPOT S 9711



CUMULUS CUBE M

plastic PE

8966

1xE27, max 60W

IP44

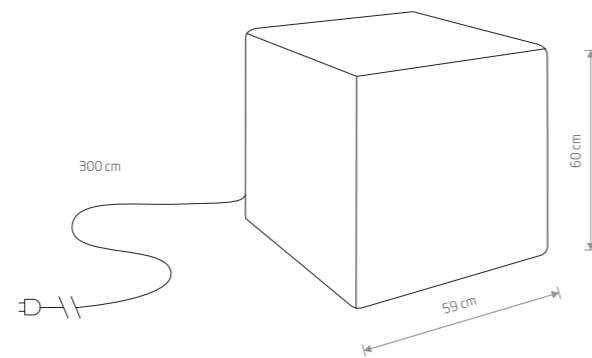
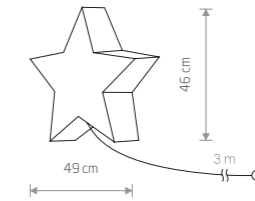
STAR

plastic PE

9426

1xE27, max 40W

IP44



CUMULUS CUBE L

plastic PE

8965

1xE27, max 60W

IP44

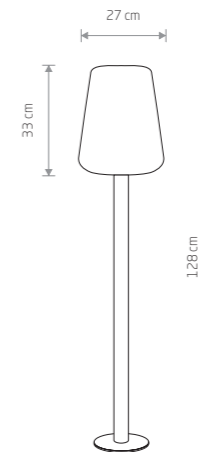
GALAXY

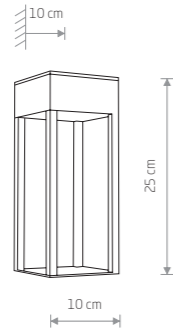
plastic PE, painted steel

9246

1xE27, max 40W

IP65

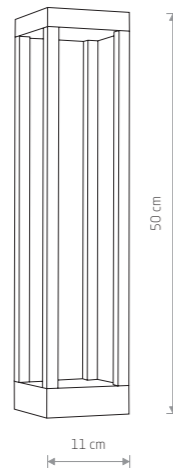




STRUCTURE LED

Painted aluminum, plastic PC

■ 8146



STRUCTURE LED

Painted aluminum, plastic PC

■ 8145



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
8145	13W LED	3000K	820 lm	120°	≥80	~220-230 V, 50/60 Hz	⊕	>0,9	IP54	20000h
8146	13W LED	3000K	820 lm	120°	≥80	~220-230 V, 50/60 Hz	⊕	>0,9	IP54	20000h

■ BLACK



STRUCTURE LED 8145

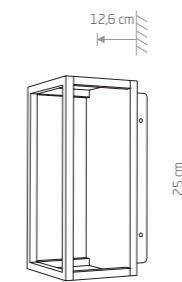


SYMMETRY LED 8176

SYMMETRY LED

painting aluminum, plastic PC

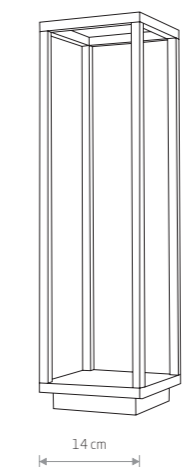
■ 8176



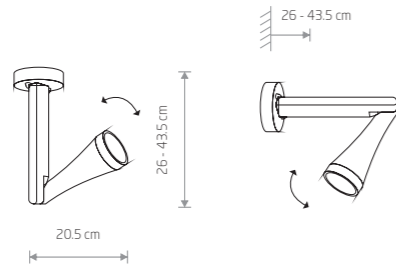
SYMMETRY LED

painting aluminum, plastic PC

■ 8180



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
8176	7W LED	3000K	212 lm	67 °	85	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	30000h
8180	7W LED	3000K	388 lm	66 °	85	~220-230 V, 50/60 Hz	⊕	>0,85	IP54	30000h



OTTAWA

■ painted aluminum, glass

■ 9562

● 1xGU10, max 35W

IP44



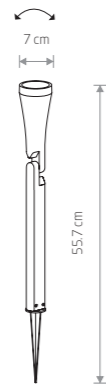
SOUL

■ painted aluminum, glass

■ 9555

● 1xGU10, max 35W

IP44



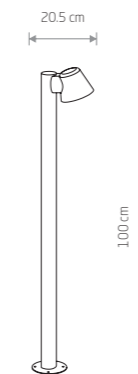
OTTAWA

■ painted aluminum, glass

■ 9561

● 1xGU10, max 35W

IP44



SOUL

■ painted aluminum, glass

■ 9557

● 1xGU10, max 35W

IP44



OTTAWA

■ painted aluminum, glass

■ 9563

● 1xGU10, max 35W

IP44



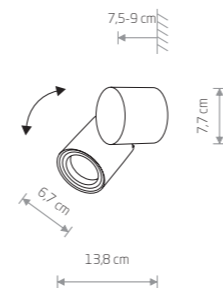
SOUL 9557



TUBINGS M 8161



TUBINGS 8158



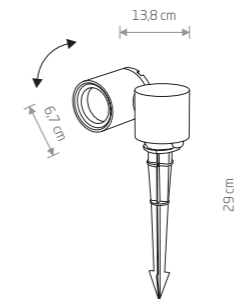
TUBINGS S

■ painted aluminum, glass

■ 8160

🔌 1xGU10, max 35W

IP54



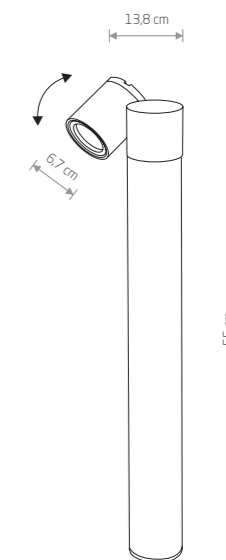
TUBINGS M

■ painted aluminum, glass, plastic

■ 8161

🔌 1xGU10, max 35W

IP54



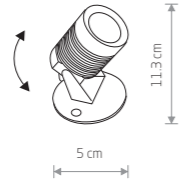
TUBINGS

■ painted aluminum, glass

■ 8158

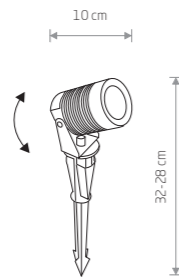
🔌 1xGU10, max 35W

IP54



SPIKE LED S
 painted aluminum, glass

■ 9101

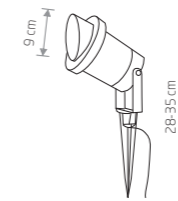


SPIKE LED M
 painted aluminum, glass, plastic

■ 9100



BUSH 3401



BUSH
 painted aluminum, glass

■ 3401

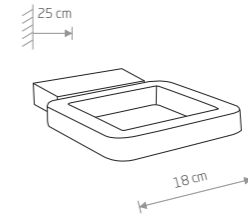
● 1xGU10, max 35W

IP65

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9100	5W LED	3000K	330 lm	30°	>80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9101	5W LED	3000K	330 lm	30°	>80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h

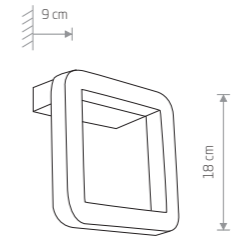


THIKA LED 9118



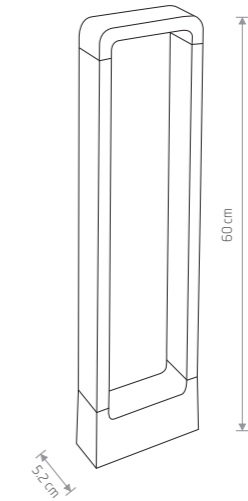
THIKA LED B
painted aluminum, glass

■ 9120



THIKA LED A
painted aluminum, glass

■ 9121



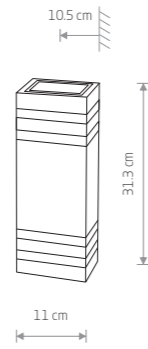
THIKA LED
painted aluminum, glass

■ 9118



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9118	9W LED	3000K	550 lm	39°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	20000h
9120	15W LED	3000K	1035 lm	110°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,9	IP54	20000h
9121	10W LED	3000K	996 lm	110°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,9	IP54	20000h

■ BLACK



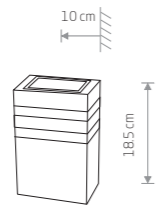
RIO

painting aluminum, plastic PC

4424

2xE27, max 40W

IP54



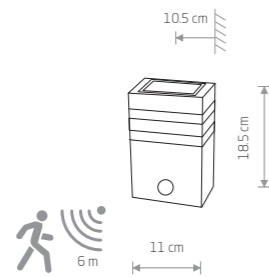
RIO

painting aluminum, plastic PC

4423

1xE27, max 40W

IP54



RIO SENSOR

painting aluminum, plastic PC

7017

1xE27, max 40W

IP54



RIO SENSOR

painting aluminum, plastic PC

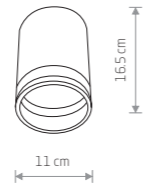
9097

1xE27, max 40W

IP54



RIO SENSOR 9097



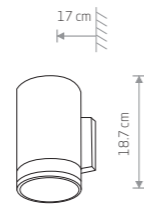
ROCK

■ painted aluminum, plastic PC

■ 3406

● 1xE27, max 60W

IP44



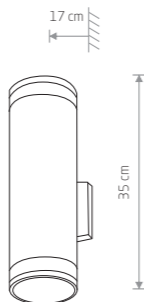
ROCK

■ painted aluminum, plastic PC

■ 3405

● 1xE27, max 60W

IP44



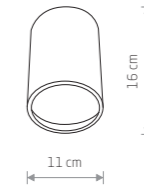
ROCK

■ painted aluminum, plastic PC

■ 3407

● 2xE27, max 60W

IP44



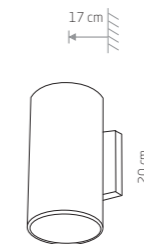
FOG

■ painted aluminum, glass

■ 3403

● 1xE27, max 60W

IP44



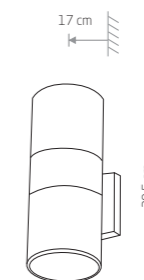
FOG

■ painted aluminum, glass

■ 3402

● 1xE27, max 60W

IP44



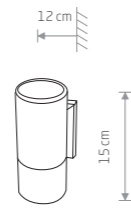
FOG

■ painted aluminum, glass

■ 3404

● 2xE27, max 60W

IP44



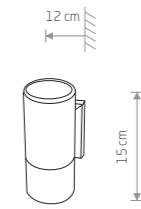
NEGRO

■ painted aluminum, glass

■ 4425

● 1xGU10, max 35W

IP54



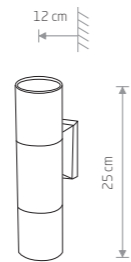
EXE

■ painted aluminum, glass

■ 8331

● 1xGU10, max 35W

IP54



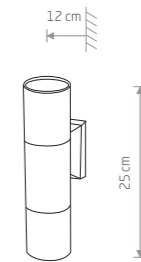
NEGRO

■ painted aluminum, glass

■ 4426

● 2xGU10, max 35W

IP54



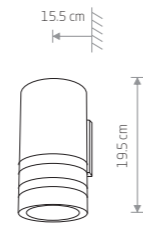
EXE

■ painted aluminum, glass

■ 8330

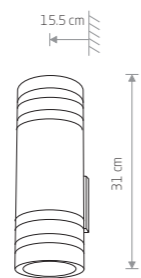
● 2xGU10, max 35W

IP54



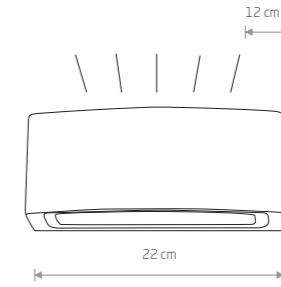
SIERRA
painted aluminum, plastic PC

■ 4421
 1xE27, max 40W
 IP54



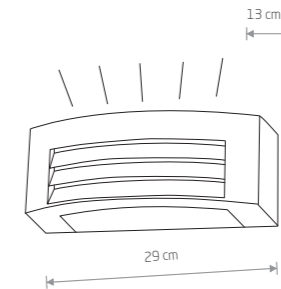
SIERRA
painted aluminum, plastic PC

■ 4422
 2xE27, max 40W
 IP54



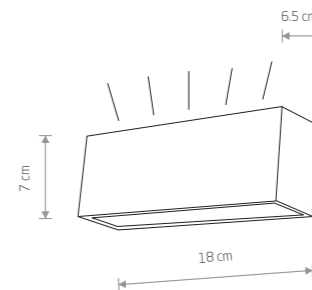
BRICK
painted aluminum, glass

■ 3408
 1xE27, max 60W
 IP65



ORINOKO
painted aluminum, plastic PC

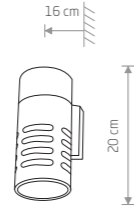
■ 4387
 1xE27, max 20W
 IP44



UNIT LED
painted aluminum

■ 9122

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9122	2x5W LED	3000K	727 lm	110°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,89	IP54	20000h



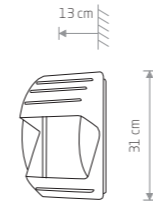
MEKONG

■ painted aluminum, glass

■ 4418

■ 1xE27, max 18W

IP42



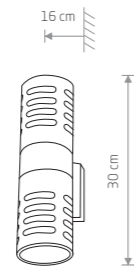
MISTRAL

■ painted aluminum, plastic PC

■ 4390

■ 1xE27, max 23W

IP44



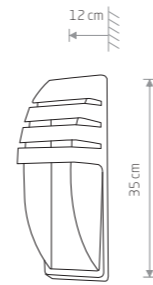
MEKONG

■ painted aluminum, glass

■ 4420

■ 2xE27, max 18W

IP42



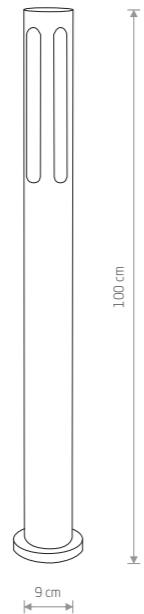
MISTRAL

■ painted aluminum, plastic PC

■ 3393

■ 1xE27, max 23W

IP44



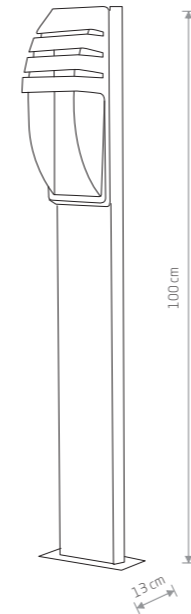
MEKONG

■ painted aluminum, glass

■ 4698

■ 1xE27, max 18W

IP42



MISTRAL

■ painted aluminum, plastic PC

■ 3394

■ 1xE27, max 23W

IP44



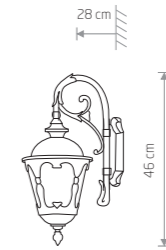
AMUR 4692



AMUR 4693



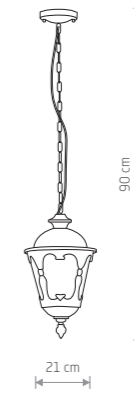
TYBR 4684



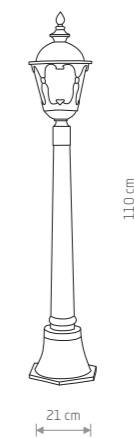
TYBR
painted aluminum, glass
4686
1xE27, max 60W
IP44



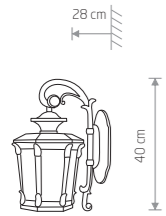
TYBR 4685



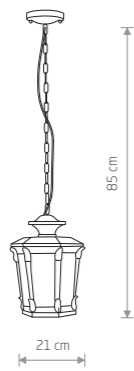
TYBR
painted aluminum, glass
4684
1xE27, max 60W
IP44



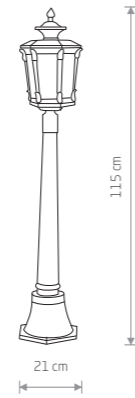
TYBR
painted aluminum, glass
4685
1xE27, max 60W
IP44



AMUR
painted aluminum, glass
4692
1xE27, max 60W
IP23



AMUR
painted aluminum, glass
4693
1xE27, max 60W
IP23



AMUR
painted aluminum, glass
4694
1xE27, max 60W
IP44



TAY 5294

25 cm



36 cm



TAY 5292

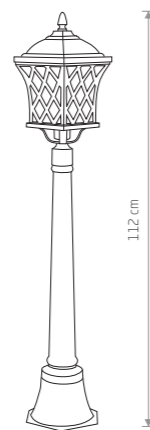
TAY

■ painted aluminum, glass

■ 5292

● 1xE27, max 60W

IP23



112 cm

18.5 cm

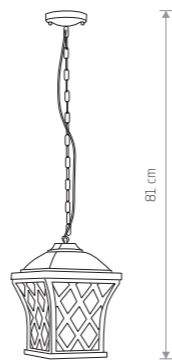
TAY

■ painted aluminum, glass

■ 5294

● 1xE27, max 60W

IP23



81 cm

18.5 cm

TAY

■ painted aluminum, glass

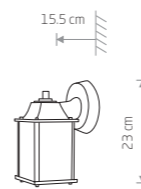
■ 5293

● 1xE27, max 60W

IP23



SPEY 5290



15.5 cm

23 cm

SPEY

■ painted aluminum, glass

■ 5290

● 1xE27, max 60W

IP23



SPEY 5291



75 cm

10 cm

SPEY

■ painted aluminum, glass

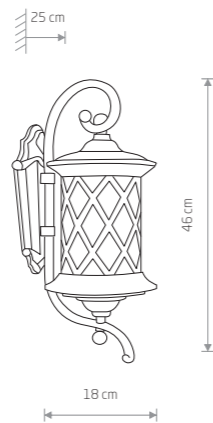
■ 5291

● 1xE27, max 60W

IP23

■ BLACK

■ BLACK



LANTERN

■ painted aluminum, glass

■ 6911

■ 1xE27, max 60W

IP23

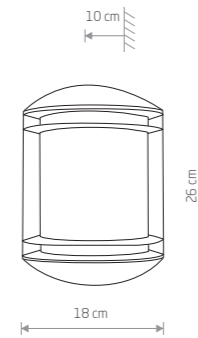
QUARTZ

■ painted aluminum, plastic PC

■ 3411

■ 1xE27, max 60W

IP21



QUARTZ SENSOR 7016

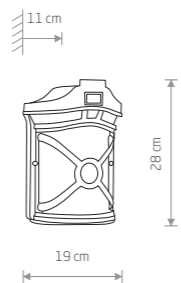
QUARTZ SENSOR

■ painted aluminum, plastic PC

■ 7016

■ 1xE27, max 60W

IP21



DON

■ painted aluminum, glass

■ 4687

■ 1xE27, max 60W

IP44

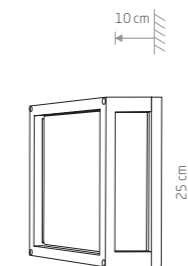
INDUS

■ painted aluminum, glass

■ 4440

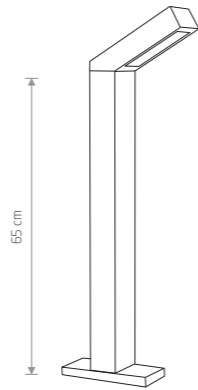
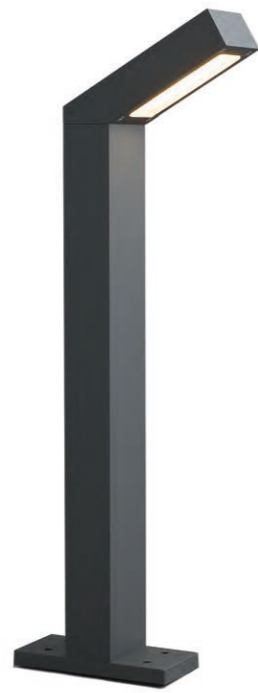
■ 2xE27, max 15W

IP44



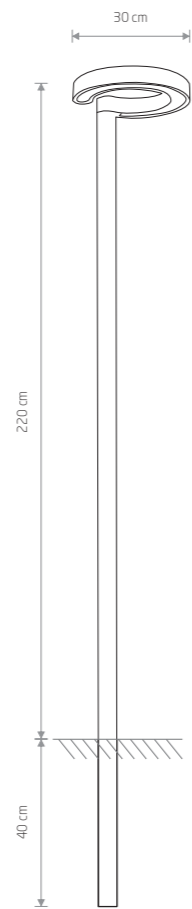


POLE LED 9185



LHOTSE LED
painted aluminum, plastic PC

■ 4448



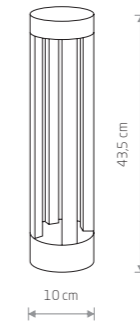
POLE LED
painted aluminum, plastic PC

■ 9185



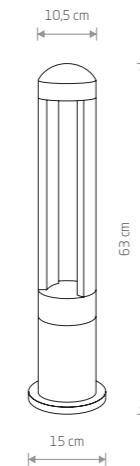
TEPIC LED
painted aluminum

■ 9508

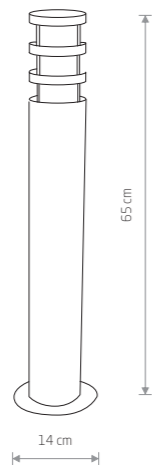


MONTERREY LED
painted aluminum

■ 9507



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9508	9W LED	3000K	395 lm	31 °	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,85	IP54	10000h
9507	9W LED	3000K	410 lm	39 °	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,85	IP54	10000h
4448	9W LED	3000K	169 lm	72 °	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,79	IP54	10000h
9185	20W LED	3000K	950 lm	54 °	>80	~220-230 V, 50/60 Hz	⊕	>0,94	IP54	30000h



NORIN

■ painted aluminum, glass

■ 4446

● 1xE27, max 20W

IP44

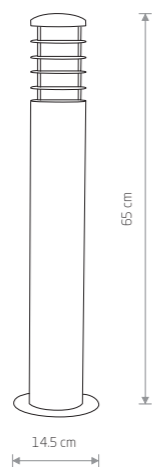
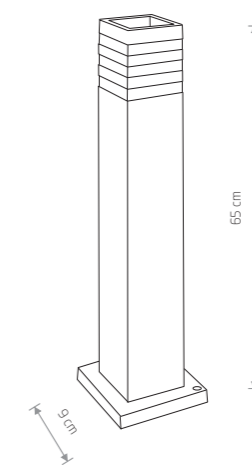
OIR

■ painted aluminum, plastic PC

■ 9158

● 1xE27, max 40W

IP44



HORN

■ painted aluminum, glass

■ 4906

● 1xE27, max 20W

IP44

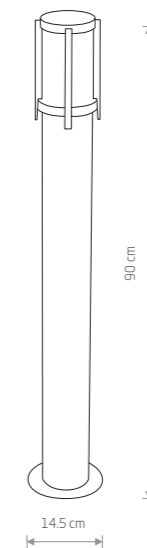
SIROCCO

■ aluminum, glass

■ 3396

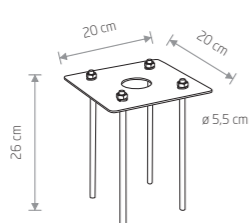
● 1xE27, max 60W

IP44





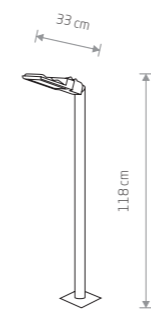
PATHWAY LED M 9252



PATHWAY FOUNDATION KIT

steel

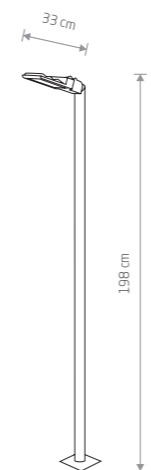
8795



PATHWAY LED S

painting steel, painting aluminum

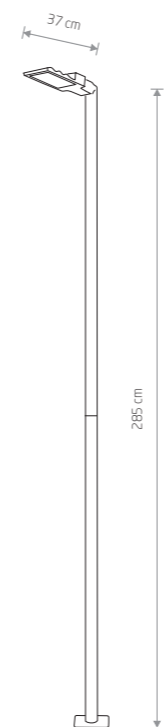
9420



PATHWAY LED M

painting steel, painting aluminum

9252



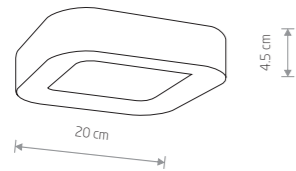
PATHWAY LED L

painting steel, painting aluminum

9125

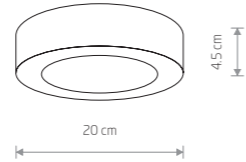


Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9420	24W LED	3000K	2200 lm	100°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,9	IP44	30000h
9252	24W LED	3000K	2200 lm	100°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,9	IP44	30000h
9125	36W LED	3000K	3600 lm	100°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,9	IP44	30000h



PUEBLA LED
painted aluminum, plastic PC

■ 9513

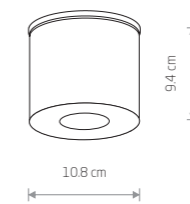


MERIDA LED
painted aluminum, plastic PC

■ 9514



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9513	12W LED	3000K	538 lm	110°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,93	IP54	20000h
9514	12W LED	3000K	538 lm	110°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,93	IP54	20000h

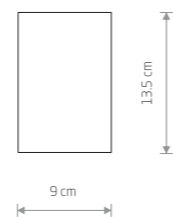


HEXA
painted aluminum, glass

■ 9564 ■ 9565



IP44



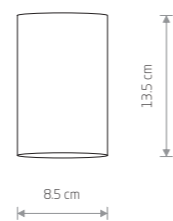
BRAVO

painting aluminum, glass

8364 8365

1xGU10, max 15W

IP54



ALPHA

painting aluminum, glass

8362 8363

1xGU10, max 15W

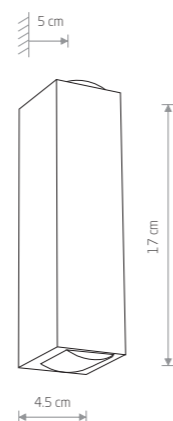
IP54



LENS LED 9113



LENS LED 9112

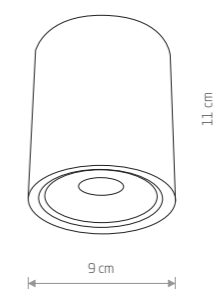


LENS LED
painted aluminum, glass

■ 9112 ■ 9113



EDESA LED M 9108

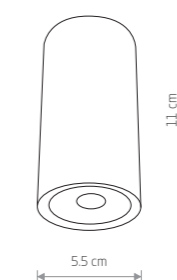


EDESA LED M
painted aluminum, glass

■ 9108 ■ 9107



EDESA LED S 9110



EDESA LED S
painted aluminum, glass

■ 9111 ■ 9110



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9112	2x2W LED	3000K	40 lm	10°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9113	2x2W LED	3000K	59 lm	10°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9107	7W LED	3000K	530 lm	68°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9108	6W LED	3000K	460 lm	68°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9110	3W LED	3000K	220 lm	52°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
9111	3W LED	3000K	220 lm	52°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h

WHITE

BLACK

WHITE

BLACK



NOOK 7965





NOOK 7972



NOOK 7970



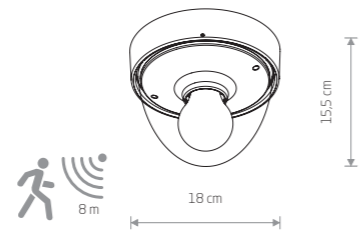
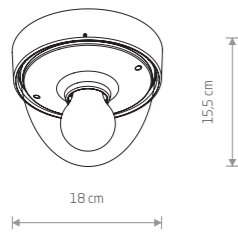
NOOK 7978



NOOK 7976



NOOK 7965



NOOK
plastic ABS, plastic PC

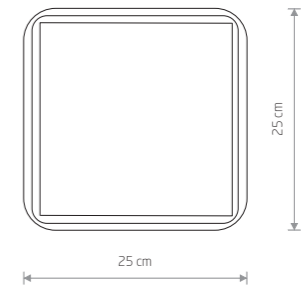
- 7972 7970 7965
- 7976 7978
- 1xE27, max 10W only LED
- IP44

NOOK SENSOR
plastic ABS, plastic PC

- 7971 7968 7964
- 7975 7977
- 1xE27, max 10W only LED
- IP44



TAHOE 7611



TAHOE
plastic PC, plastic ABS

- 3118 3250
- 1xE27, max 23W
- IP65



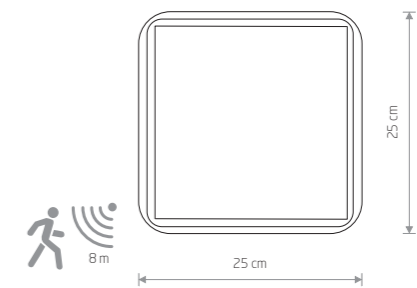
TAHOE 3242

TAHOE
plastic PC, plastic ABS

- 3240 3251
- 3242 7611
- 2xE27, max 23W
- IP65



TAHOE 8831

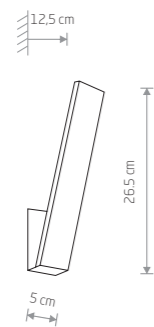


TAHOE SENSOR
plastic PC, plastic ABS

- 8831 8830
- 2xE27, max 23W
- IP65



ZOA LED 9421

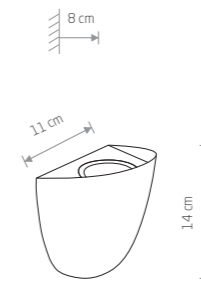


ZOA LED
painted aluminum, glass

■ 9421



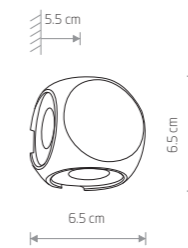
Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9421	10W LED	3000K	795 lm	110°	≥ 81	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	20000h



SINUS
painted aluminum, glass

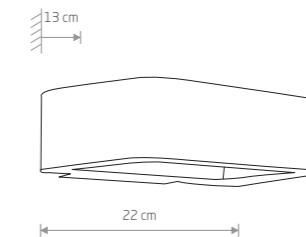
■ 8144

⊕ 1xGU10, max 35W
IP54



PATRAS LED
painted aluminum, glass

■ 9115

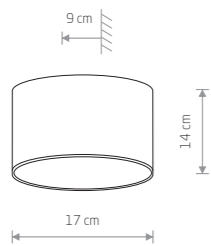


MUNO LED
painted aluminum, glass

■ 6776

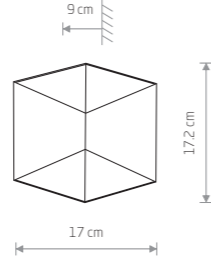
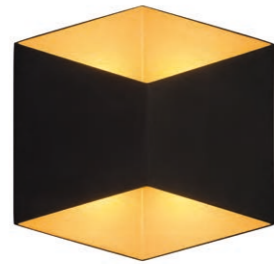
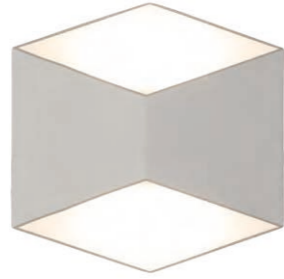


Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9115	4x1W LED	3000K	320 lm	38°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h
6776	6W LED	3000K	242 lm	120°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,54	IP54	8000h



ELLPSES LED
painted aluminum, glass

8140 8182 8181



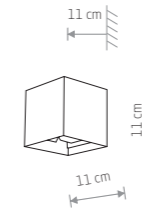
TRIANGLES LED
painted aluminum, glass

8143 8142 8141



LIMA LED
painted aluminum

9510

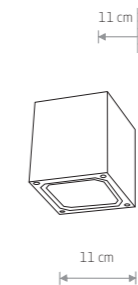


KHUMBU
painted aluminum, glass

4443

1xG9, max 40W

IP44



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
8140	2x5W LED	3000K	800 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h
8141	2x5W LED	3000K	750 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h
8142	2x5W LED	3000K	700 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h
8143	2x5W LED	3000K	800 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h
8181	2x5W LED	3000K	750 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h
8182	2x5W LED	3000K	700 lm	180°	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	10000h

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9510	6W LED	3000K	400 lm	97°	≥80	~220-230 V, 50/60 Hz	⊕	>0,55	IP54	10000h

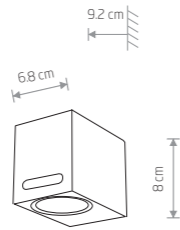
WHITE

BLACK-GOLD

BLACK

WHITE

GRAPHITE



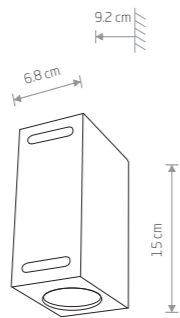
ASSOS

■ painted aluminum, glass

■ 9123

☛ 1xGU10, max 10W

IP54



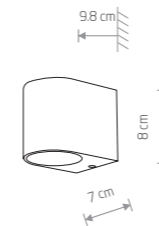
ASSOS

■ painted aluminum, glass

■ 9124

☛ 2xGU10, max 10W

IP54



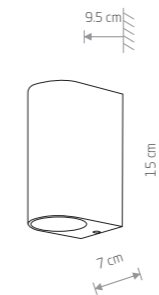
ARRIS

▨ steel, glass

▨ 9516

☛ 1xGU10, max 10W

IP54



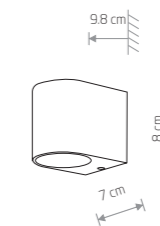
ARRIS

▨ steel, glass

▨ 9515

☛ 2xGU10, max 10W

IP54



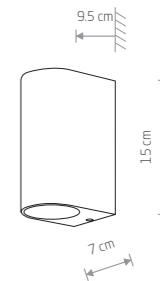
NICO

■ painted aluminum, glass

■ 9518

☛ 1xGU10, max 10W

IP54



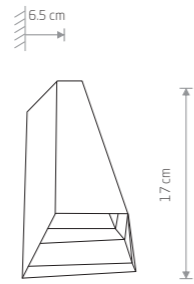
NICO

■ painted aluminum, glass

■ 9517

☛ 2xGU10, max 10W

IP54



PEAK LED

■ painted aluminum, glass

■ 4441



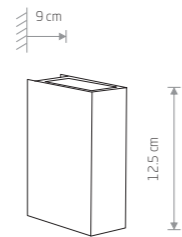
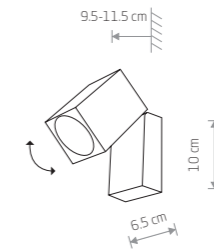
PRIMM

■ painted aluminum, glass

■ 9551

■ 1xGU10, max 10W

IP54



DRAS LED

■ painted aluminum, glass

■ 4442



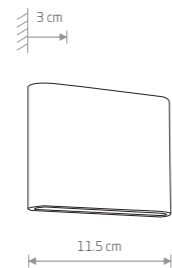
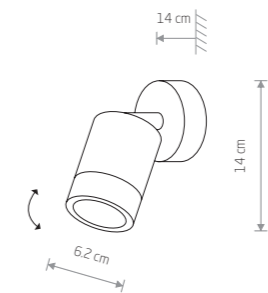
FALLON

■ painted aluminum, glass

■ 9552

■ 1xGU10, max 10W

IP54



SEMI LED

■ painted aluminum, glass

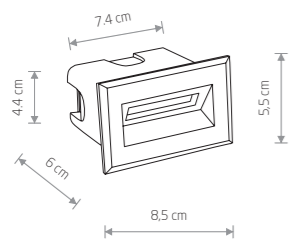
■ 6775



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
4441	2x3W LED	3000K	62 lm	83°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,91	IP54	10000h
4442	2x3W LED	3000K	122 lm	65°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,91	IP54	10000h
6775	7W LED	3000K	242 lm	120°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,54	IP54	8000h

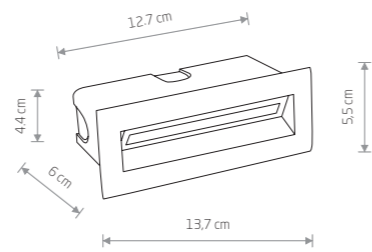


BAY LED M 8165



BAY LED
painted aluminum, plastic PC

■ 8164

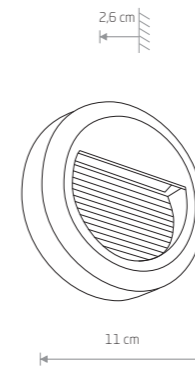


BAY LED
painted aluminum, plastic PC

■ 8165

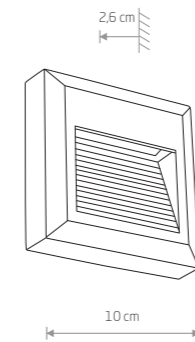


Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
8164	3W LED	3000K	200 lm	54 °	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP65	10000h
8165	5W LED	3000K	360 lm	51 °	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP65	10000h



SIDEWALK ROUND LED
painted aluminum, plastic PC

■ 8147



SIDEWALK SQUARE LED
painted aluminum, plastic PC

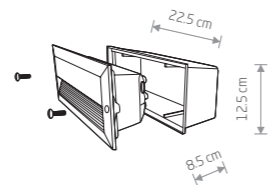
■ 8148



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
8147	1,6W LED	3000K	61 lm	120 °	≥80	~220-230 V, 50/60 Hz	⊕	>0,5	IP54	20000h
8148	1,6W LED	3000K	61 lm	120 °	≥80	~220-230V V, 50/60 Hz	⊕	>0,5	IP54	20000h

■ BLACK

■ BLACK



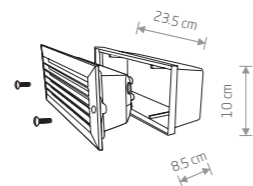
BASALT

■ painted aluminum, plastic

■ 3412 ■ 4966

⚡ 1xE14, max 60W

IP44



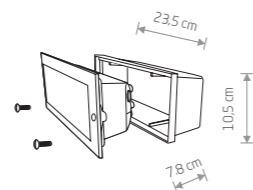
ASSAM

■ painted aluminum, glass, plastic

■ 4453

⚡ 1xE27, max 18W

IP65



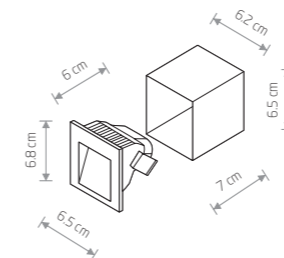
INA

■ painted aluminum, glass, plastic

■ 4907

⚡ 1xE27, max 18W

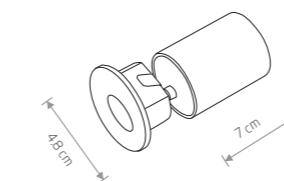
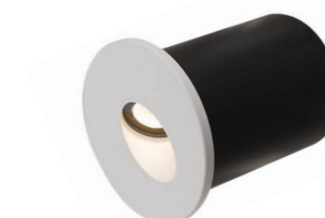
IP65



STEP LED

■ painted aluminum, plastic

■ 6907 ■ 6908



OIA LED

■ painted aluminum, plastic

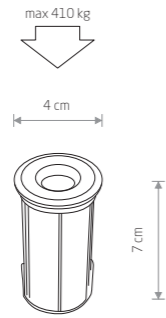
■ 9102 ■ 9103



⚡ cut out ø 40 mm



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9102 9103	1W LED	3000K	45 lm	49°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP20	10000h
6907	3W LED	3000K	120 lm	92°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,57	IP44	10000h
6908	3W LED	3000K	190 lm	92°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,57	IP44	10000h



PICCO LED S

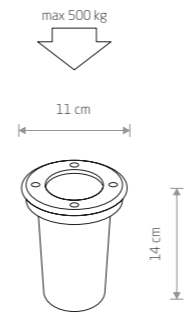
aluminum

9106



cut out ø 38 mm

IP67



PAOLI

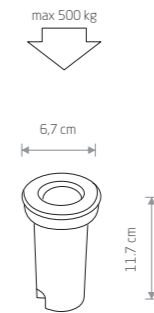
steel, glass

9554

1xGU10, max 10W

cut out ø 100 mm

IP67



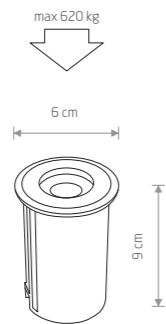
MON LED

aluminum, glass

4454

cut out ø 64 mm

IP67



PICCO LED M

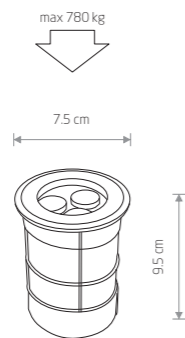
aluminum

9105



cut out ø 55 mm

IP67



PICCO LED L

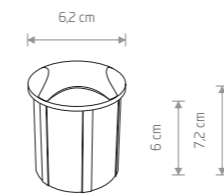
aluminum

9104



cut out ø 65 mm

IP67



PAT LED

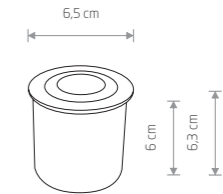
aluminum, plastic PC

8162



cut out ø 56 mm

IP65



CIRCLET LED

aluminum, plastic PC

8163

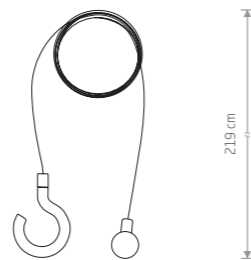
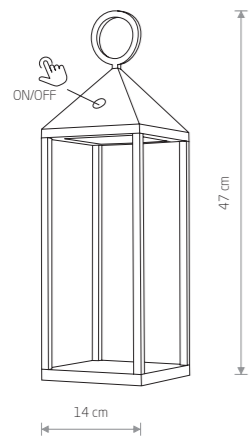


cut out ø 57 mm

IP65

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
9106	1W LED	3000K	47 lm	42°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP67	10000h
9105	1W LED	3000K	52 lm	51°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP67	10000h
9104	3W LED	3000K	130 lm	48°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,55	IP67	10000h

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Power factor	Ingress protection	Lifetime
4454	2W LED	3000K	100 lm	28°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,42	IP67	10000h
8162	3W LED	3000K	12 lm	25°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,5	IP65	10000h
8163	3W LED	3000K	120 lm	47°	≥ 80	~220-230 V, 50/60 Hz	⊕	>0,5	IP65	10000h



HANGING SET FOR PICNIC LED

aluminum, steel

8107 8106

Lampa bezprzewodowa, przenośna, zewnętrzna

- Podstawa ładowująca w komplecie
- Akumulator litowy 2×2200 mAh
- Czas pełnego ładowania 5-8 h
- Czas pracy 12 h
- Włącznik dotykowy
- Ściemniacz

Wireless lamp, portable, outdoor

- Charging base (set incl.)
- 2×2200 mAh lithium battery
- Full charge time 5-8h
- Work time 12 h
- Touch switch
- Dimmable

Беспроводный светильник, переносной, уличный

- База для зарядки в комплекте
- Литиевая батарея 2×2200 mAh
- Время полной зарядки 5-8 ч
- Рабочее время 12 ч
- Сенсорный выключатель
- Диммер

PICNIC LED

painted aluminum, plastic PC

8178 8177



Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Ingress protection	Lifetime
8177	2,2W LED	3000K	155 lm	46°	≥84	~220-230 V, 50/60 Hz	☐	IP54	30000h
8178	2,2W LED	3000K	155 lm	46°	≥84	~220-230 V, 50/60 Hz	☐	IP54	30000h

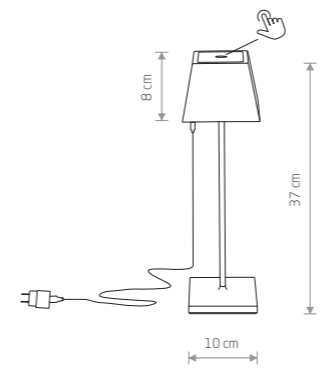
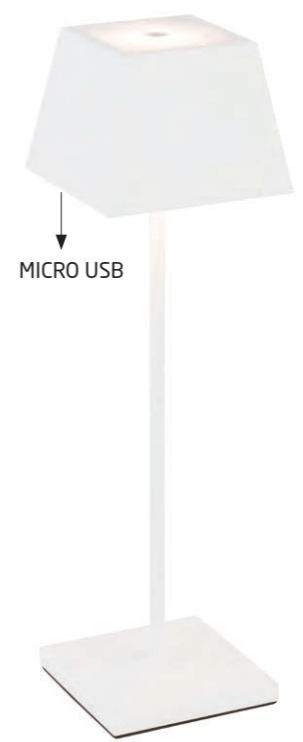
WHITE GRAPHITE



PICNIC LED 8177



MAHE LED 8397



MAHE LED
painted aluminum, plastic PC

- 8397
- 8398

- Lampa bezprzewodowa, przenośna, zewnętrzna
- Ładowarka MICRO USB (w zestawie)
 - Czas pełnego ładowania 5-7 h
 - Czas pracy 9 h
 - Włącznik dotykowy
 - Ściemniacz

- Wireless lamp, portable, outdoor
- Power adapter MICRO USB (set incl.)
 - Full charge time 5-7 h
 - Work time 9 h
 - Touch switch
 - Dimmable

- Беспроводный светильник, переносной, уличный
- Зарядное устройство MICRO USB (в наборе)
 - Время полной зарядки 5-7 ч
 - Рабочее время 9 ч
 - Сенсорный выключатель
 - Диммер

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Safety type	Ingress protection	Lifetime
8397	2,2W LED	3000K	168 lm	46°	≥ 84	~220-230 V, 50/60 Hz	☐	IP54	25000h
8398	2,2W LED	3000K	168 lm	46°	≥ 84	~220-230 V, 50/60 Hz	☐	IP54	25000h

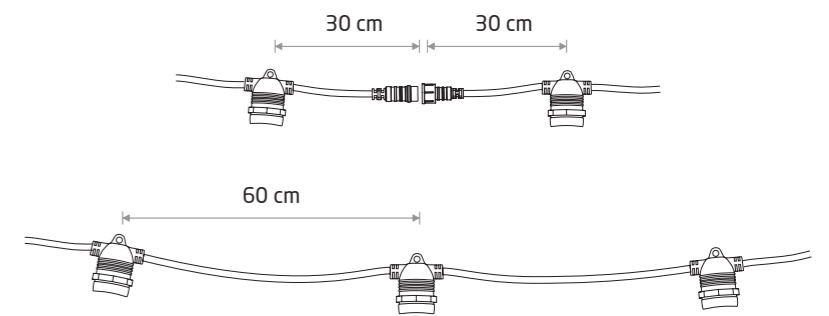
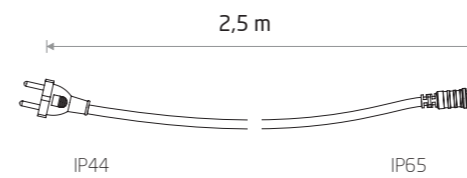




FASTOON LIGHTS 6 M 7873



MAX 2000W MAX 80m CONNECTABLE



**POWER CORD FOR
FESTOON LIGHTS**
rubber cable

- 7871
- IP65

FESTOON LIGHTS 6M
rubber cable

- 7873
- 10xE27, max 15W
- IP65

FESTOON LIGHTS 9M
rubber cable

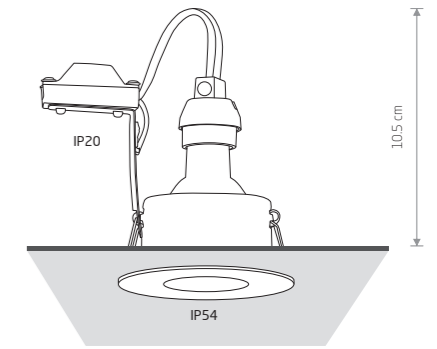
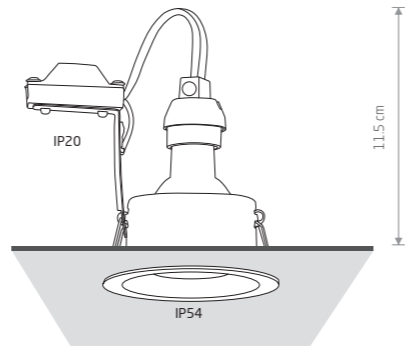
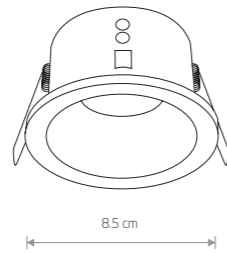
- 7872
- 15xE27, max 15W
- IP65



5 PC SET

**BULB LED E27, A60 2W,
5 PC SET**

- glass
- 7487



CHARLIE

■ painted aluminum, glass

■ 8366 ■ 8367

■ 1xGU10, max 15W

IP54/20

■ cut out ø 75 mm

GOLF

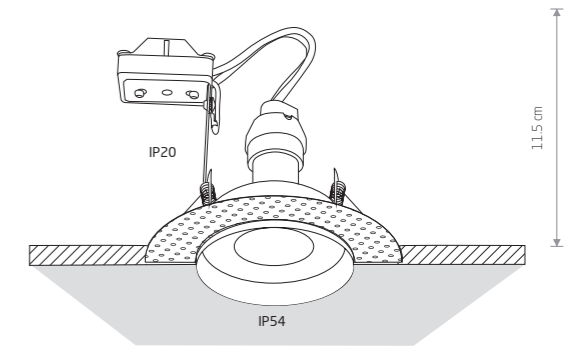
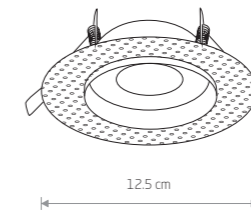
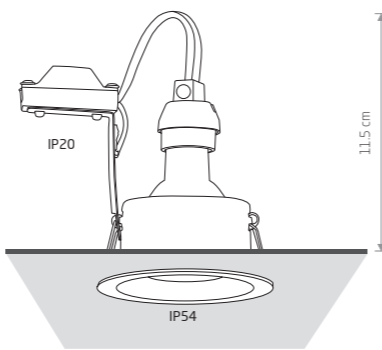
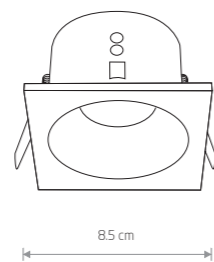
■ painted aluminum, glass

■ 8375 ■ 8376

■ 1xGU10, max 15W

IP54/20

■ cut out ø 68 mm



DELTA

■ painted aluminum, glass

■ 8368 ■ 8370

■ 1xGU10, max 15W

IP54/20

■ cut out ø 75 mm

ECHO

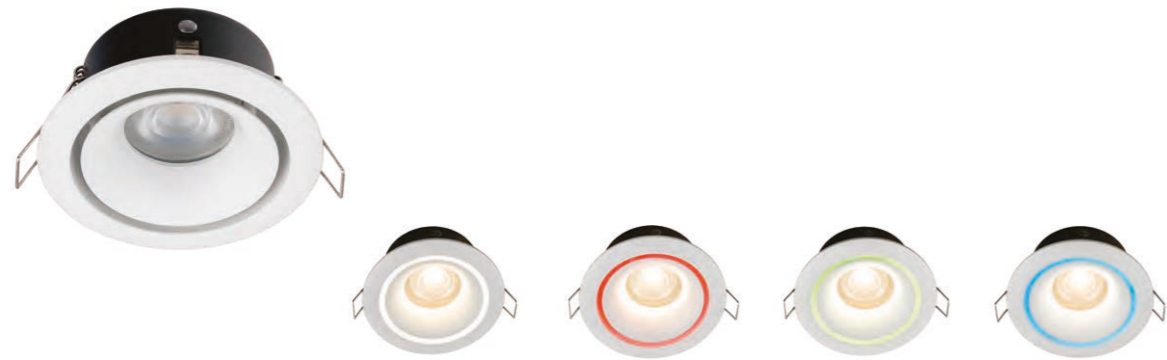
■ painted aluminum, glass

■ 8371 ■ 8372

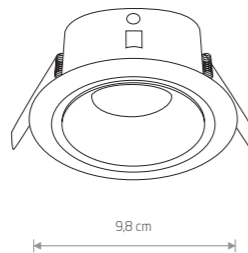
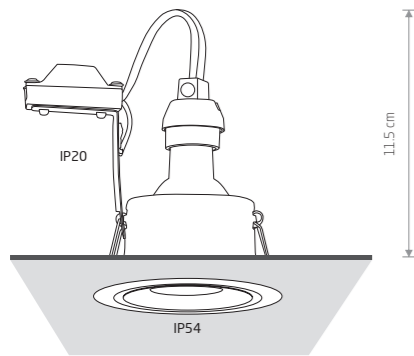
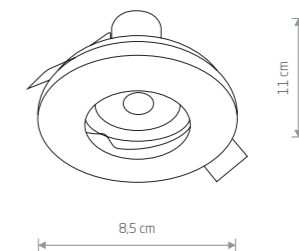
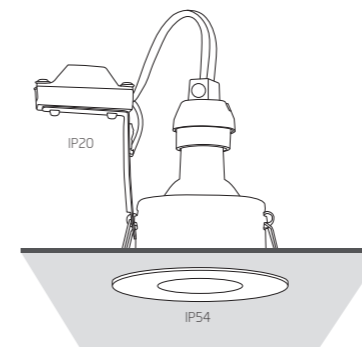
■ 1xGU10, max 15W

IP54/20

■ cut out ø 80 mm



ZESTAW ZAWIERA 4 KOLOROWE NAKŁADKI.
 THE SET INCLUDES FOUR COLOURED RINGS.
 В КОМПЛЕКТЕ 4 ЦВЕТНЫЕ НАКЛАДКИ

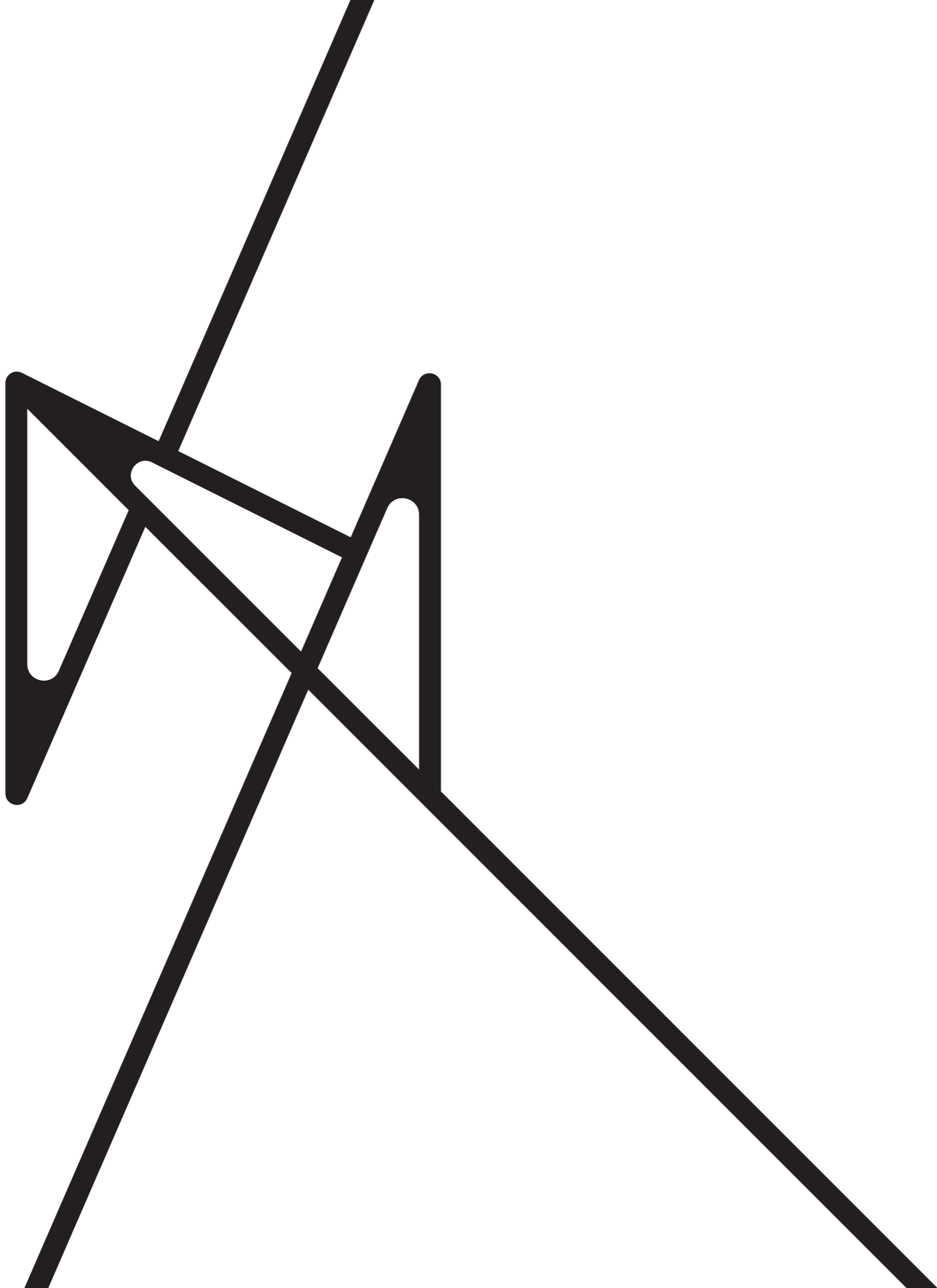


FOXTROT
 painted aluminum, glass

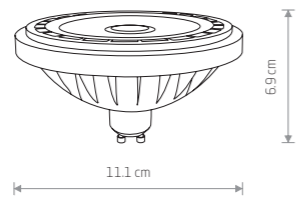
- 8373 8374
- 1xGU10, max 15W
- IP54/20
- cut out \varnothing 85 mm

JULIET
 steel

- 7663 7664
- 1xGU10, max 15W
- IP54/20
- cut out 56 mm



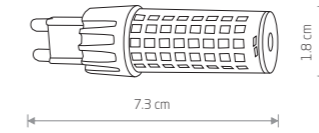
Light sources
and accessories



**REFLECTOR COB LED,
GU10 , ES111, 15W**

plastic

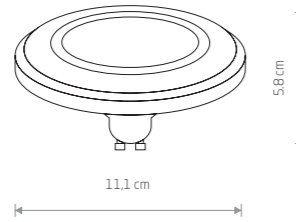
- 9831 4000K



BULB LED G9, 7W

ceramic housing, plastic PC

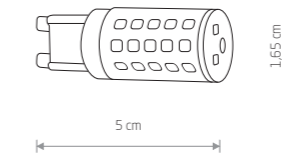
- 9197 3000K



**REFLECTOR LENS LED,
GU10, ES111, 9W**

plastic

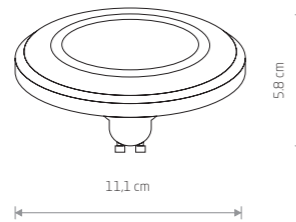
- 9343 3000K 9345 3000K
- 9213 4000K 9214 4000K



BULB LED G9, 4W

plastic PC

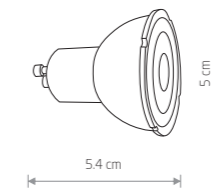
- 7503 3000K 7504 4000K



**REFLECTOR DIFFUSER
LED, GU10, ES111, 9W**

plastic

- 9342 3000K 9344 3000K
- 9211 4000K 9212 4000K



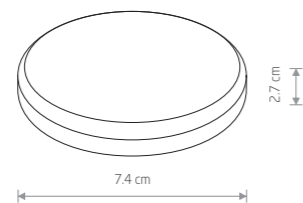
**REFLECTOR LED,
GU10, R50, 7W**

plastic

- 9180 3000K 8348 3000K
- 9178 4000K 8347 4000K

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Power factor	Lifetime
9831	15W LED COB	4000K	1200 lm	37°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9343	9W LED	3000K	770 lm	30°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9345	9W LED	3000K	870 lm	27°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9213	9W LED	4000K	870 lm	26°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9214	9W LED	4000K	930 lm	30°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9342	9W LED	3000K	660 lm	120°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9344	9W LED	3000K	700 lm	120°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9211	9W LED	4000K	680 lm	120°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9212	9W LED	4000K	730 lm	120°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h

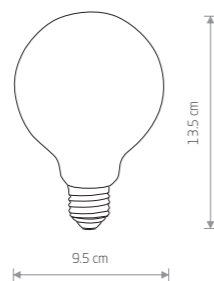
Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Power factor	Lifetime
9197	7W LED	3000K	750 lm	360°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
7503	4W LED	3000K	380 lm	360°	≥ 80	~220-230 V, 50/60 Hz	>0,4	25000h
7504	4W LED	4000K	390 lm	360°	≥ 80	~220-230 V, 50/60 Hz	>0,4	25000h
9173	3W LED	3000K	330 lm	90°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
8447	3W LED	4000K	310 lm	90°	>80	~220-230 V, 50/60 Hz	>0,5	25000h
9180	7W LED	3000K	600 lm	39°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
9178	7W LED	4000K	620 lm	50°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
8348	7W LED	3000K	560 lm	41°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
8347	7W LED	4000K	570 lm	40°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h



BULB LED GX53, 8W

plastic PC

8377 3000K 8378 4000K



BULB GLASS BALL LED, E27, 8W

glass

9177



5 PC SET

BULB LED E27, A60 2W, 5 PC SET

glass

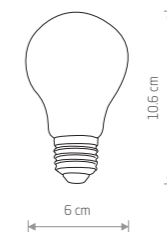
7487



BULB VINTAGE LED E14, 4W

glass

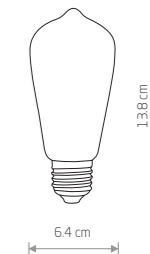
9793



BULB VINTAGE LED E27, 4W

glass

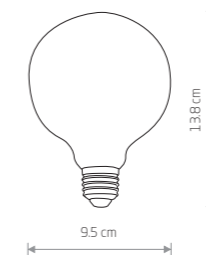
9794



BULB VINTAGE LED E27, 4W

glass

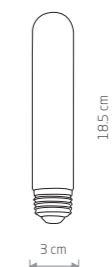
9796



BULB VINTAGE LED E27, 4W

glass

9797



BULB VINTAGE LED E27, 4W

glass

9795

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Power factor	Lifetime
8377	8W LED	3000K	610 lm	100°	>80	~220-230 V, 50/60 Hz	>0,5	25000h
8378	8W LED	4000K	650 lm	100°	>80	~220-230 V, 50/60 Hz	>0,5	25000h
9177	8W LED	3000K	840 lm	360°	≥ 80	~220-230 V, 50/60 Hz	>0,5	25000h
7487	2W LED	2200K	160 lm	360°	≥80	~220-230 V, 50/60 Hz	>0,4	15000h

Item No.	Power	Colour temp.	Luminous flux	Beam angle	Colour Rendering Index (CRI)	Input	Replacement	Switch cycles on/off	Lifetime
9793	4W LED	2200K	440 lm	360°	≥ 80	~220-230 V, 50/60 Hz	4W LED=35W	x 15 000	15000h
9794	4W LED	2200K	400 lm	360°	≥ 80	~220-230 V, 50/60 Hz	4W LED=35W	x 15 000	15000h
9796	4W LED	2200K	360 lm	360°	≥ 80	~220-230 V, 50/60 Hz	4W LED=35W	x 15 000	15000h
9797	4W LED	2200K	390 lm	360°	≥ 80	~220-230 V, 50/60 Hz	4W LED=35W	x 15 000	15000h
9795	4W LED	2200K	370 lm	360°	≥ 80	~220-230 V, 50/60 Hz	4W LED=35W	x 15 000	15000h

Informacje ogólne / General information / Главная Информация

Rzeczywiste parametry produktów mogą się różnić od wartości deklarowanych w katalogu o +/- 10%.
 The actual product parameters may differ from the values declared in the catalogue by +/- 10%.
 Фактические параметры товаров могут отличаться от заявленных в каталоге значений на +/- 10%.

Zdjęcia prezentowanego asortymentu w niniejszym katalogu mają charakter poglądowy.
 Rzeczywisty kolor produktów może nieznacznie odbiegać od prezentowanego na zdjęciach, ze względu na technologię druku.

Photos in this catalogue are for illustrative purposes only.
 The actual color of the products may slightly differ from that shown in the photos, due to the printing technology.

Фотографии представленного ассортимента в этом каталоге в качестве иллюстрации.
 Фактический цвет продуктов может незначительно отличаться от представленного на фотографиях из-за технологии печати.

Informacje techniczne / Technical information / Техническая информация

Temperatura barwowa (K) - w potocznym rozumieniu, to „kolor” światła białego emitowanego przez źródło, np. źródło LED.
 W uproszczeniu możemy podzielić je na światło o:

- barwie ciepłej
- barwie neutralnej
- barwie zimnej

Colour temperature (K) in common understanding is the colour of white light emitted by a source, for example such as an LED source.

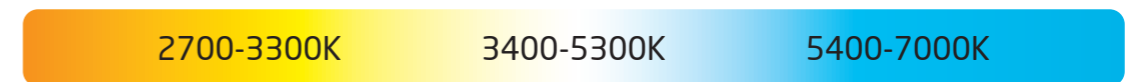
In simple terms, we can divide them into:

- Warm white
- White
- Cool white

Цветовая температура (K) в общепринятом понимании - это «цвет» белого света, излучаемого источником, например светодиодом.

Проще говоря, мы можем разделить их на:

- Теплый белый
- Белый
- Холодный белый



2700-3300K

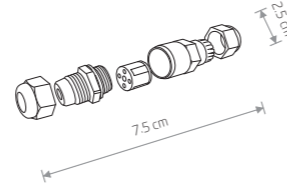
3400-5300K

5400-7000K

Barwa ciepła
Warm white
Теплый белый

Barwa neutralna
White
Белый

Barwa zimna
Cool white
Холодный белый

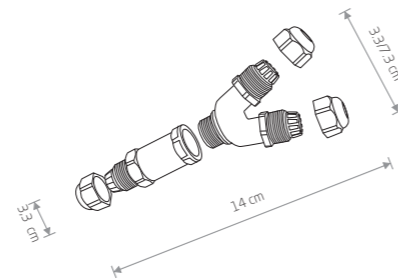


WATERPROOF
CONNECTOR IP68

plastic PA

8845

IP68



WATERPROOF „Y”
CONNECTOR IP68

plastic PA

8846

IP68

Strumień świetlny (lm/lumen) - w potocznym rozumieniu, to całkowita moc światła emitowanego z danego źródła światła.

Lumen (lm) - jednostka miary strumienia świetlnego w układzie SI

1 lm = 1 cd·sr

Luminous flux (lm / lumen) - the total power of light emitted from a light source.

Lumen (symbol: lm) - the unit of luminous flux in SI system.

1 lm = 1 cd·sr

Световой поток (лм / люмен) - общая мощность света, излучаемого данным источником света.

Люмен (лм) - единица светового потока в системе SI.

1 lm = 1 cd·sr

Natężenie oświetlenia (lx/luks) - w potocznym rozumieniu, to gęstość strumienia świetlnego padającego na daną powierzchnię.

Luks (lx) - jednostka natężenia oświetlenia w układzie SI.

1 lx = 1 cd·sr / m²

Illuminance (lx / lux) - in common understanding, it is the density of the luminous flux incident on a given surface.

Lux (lx) - a unit of illuminance in the SI system.

1 lx = 1 cd sr / m²

Освещенность (лк / люкс) - плотность светового потока на заданную площадь.

Единица освещенности в системе SI.

1 lx = 1 cd·sr / m²

CRI (od ang. colour rendering index), Ra - wskaźnik oddawania barw charakteryzujący źródło światła, który określa, jak dobrze postrzegane są barwy oświetlonych przedmiotów.

Im wskaźnik ten jest wyższy, tym barwy są lepiej oddawane, a oświetlane przedmioty wyglądają naturalniej.

Wyrażony jest liczbą z przedziału od 0 do 100, gdzie 100 to światło słoneczne.

Minimum wg przepisów w UE dla opraw wewnętrznych to 80.

CRI- is an index of a light source's ability to reveal colours. It determines how well illuminated colours are perceived.

The higher index, the better colour rendering and the illuminated objects look more natural.

It is expressed with a number from 0 to 100, where 100 is a sunlight.

The minimum according to EU regulations for indoor luminaires is 80.

CRI (colour rendering index) Индекс цветопередачи, характеризующий источник света, который определяет, насколько хорошо воспринимаются цвета освещенных объектов. Чем выше этот индекс, тем лучше передаются цвета и освещенные объекты выглядят естественнее.

Он выражается числом от 0 до 100, где 100 - солнечный свет.

Минимальное требование ЕС для светильников для внутреннего освещения - 80.

IKONY / ICONS / ИЗОБРАЖЕНИ



Lampa wisząca /
Pendant lamp /
Подвесные светильники



Kinkiet /
Wall lamp /
Настенные светильники



Źródło światła /
Light source /
Источник света



Lampa sufitowa /
Ceiling lamp /
Потолочные светильники



Kinkiet podtynkowy /
Recessed wall lamp /
Встраиваемые настенные
светильники



Wyciąć /
Cut out /
Вырезать



Lampa biurkowa /
Table lamp /
Настольные лампы



Podtynkowa lampa sufitowa /
Recessed ceiling lamp /
Встраиваемые потолочные
светильники



Lampa podłogowa /
Floor lamp /
Торшеры



Lampa najazdowa /
Overrun lamp /
Встраиваемые дорожные
светильники



Oprawy oznaczone tym symbolem nie wolno okrywać materiałem termoizolacyjnym.

Fittings marked with this symbol must not be covered with thermal insulation materials.

Светильники, обозначенные этим символом, нельзя покрывать термоизоляционным материалом.



Klasa ochronna druga oznacza, że oprawa posiada podwójną izolację ochronną, a przewód ochronny (żyła żółto-zielona) nie może być podłączony do oprawy oświetleniowej.

Protection class II means that the fittings are equipped with a double protective insulation, and the green and yellow protective conductor must not be connected to the fitting.

Второй защитный класс обозначает светильник с двойной защитной изоляцией, а защитный желто-зеленый провод не должен подключаться к светильнику.



Klasa ochronna pierwsza oznacza, że oprawa musi być podłączona za pomocą przewodu ochronnego (żyła żółto-zielona) do przewodu lub zacisku uziemiającego.

Protection class I means that the fitting must be connected with the yellow and green protective conductor to the grounding wire or terminal.

Первый защитный класс обозначает, что светильник должен быть подключен с помощью защитного желто-зеленого провода к заземленному проводу или зажиму.



Klasa ochronna III oznacza, bezpieczeństwo elektryczne gwarantowane przez bardzo niskie zasilanie (poniżej 50 V). Bez uziemienia.

Protection class III means, that electrical safety is guaranteed by a very low power supply (less than 50 Volt). No grounding.

Класс III электрическая безопасность гарантирована подачей электроэнергии низкого напряжения (меньше чем 50 вольт).



Oprawy oznaczone tym symbolem wolno instalować wyłącznie na podłożach niepalnych.

Fittings marked with this symbol are suitable for installation only on nonflammable surfaces.

Светильники, обозначенные этим символом, можно устанавливать только на негорючих поверхностях.



Zgodność produktów z ukraińskimi normami.

Ukrainian standards compliant.

Соответствие продукции украинским стандартам.



Zgodność z normami Unii Europejskiej.

EU standards compliant.

Соответствие стандартам Европейского Союза.



Zgodność produktów z normami Euroazjatyckiej Unii Gospodarczej.

EAEU standards compliant.

Соответствие продукции стандартам Евразийского экономического союза.



Do użytku zewnętrznego.

Interior use only.

Для внешнего использования.



Do wewnętrznego użytku.

Exterior use only.

Для внутреннего использования.



Do stosowania wewnątrz i na zewnątrz.

Interior and exterior use.

Для внутреннего и внешнего использования.



Zużyte oprawy oświetleniowe są surowcami wtórnymi - nie wolno wyrzucać ich do pojemników na odpady domowe, mogą zawierać substancje niebezpieczne dla zdrowia i życia ludzkiego oraz środowiska. Zgodnie z dyrektywą WEEE 2012/19/UE użytkownik zobowiązany jest do oddania opraw do punktu zbierania zużytego sprzętu, co przyczyni się do ochrony środowiska naturalnego.

Used lighting fixtures are recyclable materials - they must not be disposed of in household waste containers as they may contain substances hazardous to human health or life as well as to the natural environment. In accordance with Regulation WEEE 2012/19 /EU, luminaire user is obliged to return a used lighting fixture to a waste appliance collection point, which will contribute to the protection of the natural environment.

Использованные осветительные приборы являются вторсырьем, их нельзя выбрасывать в контейнеры с хозяйственными отходами, потому что они могут содержать в себе вещества, опасные для здоровья и жизни человека, и вредные для окружающей среды. Согласно директиве WEEE 2012/19/UE, потребитель обязан сдать осветительные приборы в пункт сбора использованного оборудования, что положительно влияет на окружающую среду.

Stopień ochrony IP / Degree of protection IP / Степень защиты IP

Stopień ochrony jest wyrażony dwoma cyframi. Pierwsza oznacza ochronę przed ciałami stałymi. Druga to ochrona przed cieczami.

Degree of protection is expressed by two figures. The first one stands for protection against solid particles. The second one stands for protection against liquids.

Степень защиты выражается двумя цифрами. Первая цифра относится к защите от твердых веществ, вторая, к защите от жидкостей.

1 cyfra / 1st figure / 1-ая цифра	
IP0...	Brak ochrony / Not protected / Нет защиты
IP1...	Ochrona przed ciałami stałymi większymi niż 50 mm / Protected against solid objects greater than 50 mm / Защита от попадания твердых веществ > 50 мм
IP2...	Ochrona przed ciałami stałymi większymi niż 12 mm / Protected against solid objects greater than 12 mm / Защита от попадания твердых веществ > 12 мм
IP3...	Ochrona przed ciałami stałymi większymi niż 2,5 mm / Protected against solid objects greater than 2,5 mm / Защита от попадания твердых веществ > 2,5 мм
IP4...	Ochrona przed ciałami stałymi większymi niż 1 mm / Protected against solid objects greater than 1 mm / Защита от попадания твердых веществ > 1 мм
IP5...	Ochrona przed pyłem / Protected against dust infiltration / Защита от попадания пыли
IP6...	Ochrona ryłuszczelna / Totally protected against dust infiltration / Полная защита от попадания пыли

2 cyfra / 2nd figure / 2-ая цифра	
IP...0	Brak ochrony / Not protected / Нет защиты
IP...1	Ochrona przed padającymi kroplami wody / Protected against vertically falling water drops / Защита от попадания капель воды в вертикальном падении
IP...2	Ochrona przed padającymi kroplami wody przy wychyleniu do 15° / Protected against falling water drops up to 15° from the vertical / Защита от попадания капель воды под углом не более 15°
IP...3	Ochrona przed natryskiwaną wodą / Protected against rain / Защита от дождя
IP...4	Ochrona przed bryzgami wody / Protected against splashing water / Защита от брызг воды
IP...5	Ochrona przed strugami wody / Protected against water jets / Защита от струи воды
IP...6	Ochrona przed falami / Protected against powered water jets / Защита от сильной струи воды
IP...7	Ochrona przed zanurzeniem / Protected against temporary immersion / Защита от временного погружения
IP...8	Ochrona przed głębokim zanurzeniem / Protected against continuous immersion / Защита от продолжительного погружения

Material	Materiał	Материал
Aluminum	Aluminium	Алюминий
Glass	Szkło	Стекло
Painted aluminum	Aluminium lakierowane	Окрашенный алюминий
Painted steel	Stal lakierowana	Лакированная сталь
Plastic	Tworzywo sztuczne	Пластик
Plastic ABS	Tworzywo sztuczne ABS	АБС-пластик
Plastic PA	Tworzywo sztuczne PA	РА-пластик
Plastic PC	Tworzywo sztuczne PC	РС-пластик
Plastic PP	Tworzywo sztuczne PP	РР-пластик
Plastic PS	Tworzywo sztuczne PS	РS-пластик
Plastic PC/ABS	Tworzywo sztuczne PC/ABS	РС-АБС-пластик
Plastic PE	Tworzywo sztuczne PE	ПЭ-пластик
Plastic PMMA	Tworzywo sztuczne PMMA	РММА-пластик
Rubber cable	Przewód gumowy	Резиновый кабель
Steel	Stal	Сталь

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Nowodvorski
LIGHTING



Nowodvorski sp.j.
ul. Bojemskiego 11
42-202 Częstochowa
POLAND



+48 34 344 91 10 / 11



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