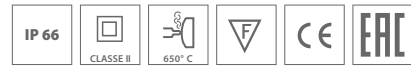
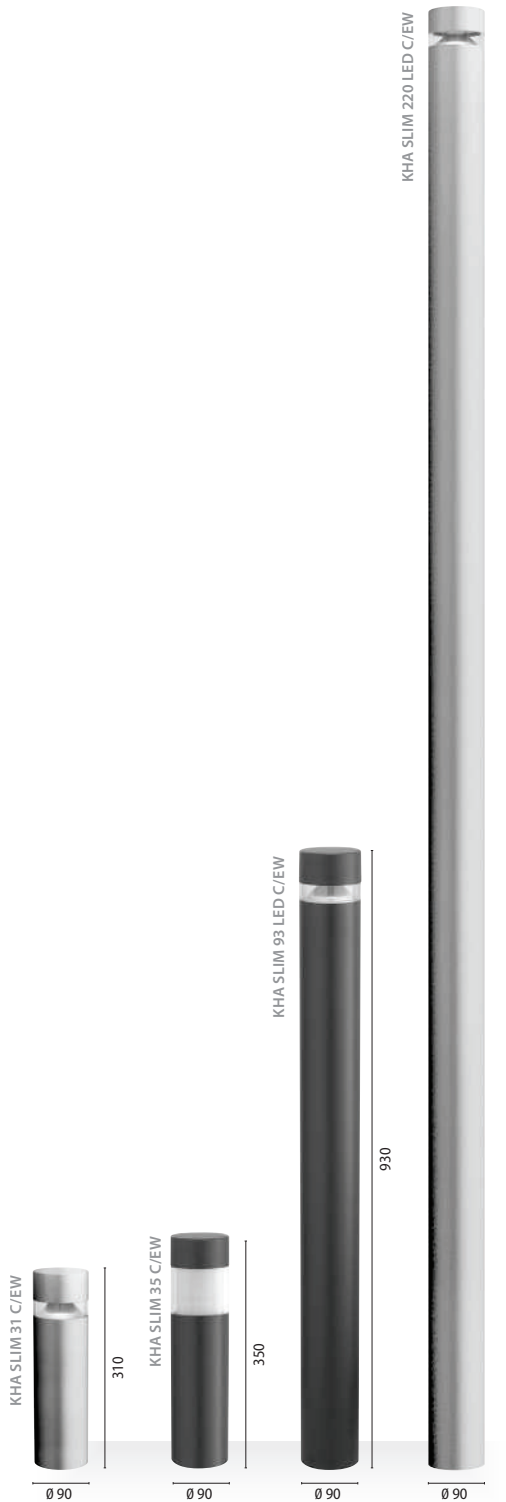


KHA SLIM

design by SILVIA PAOLA PENNACCHIO



- AN-96 / Anthracite gray / Textured
- BK-81 / Black / Textured
- INOX / Stainless steel / Matt




Range of bollards, comprising:

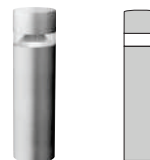
- Housing and cap made of AISI 316 electropolished stainless steel or powder coated aluminium, depending on versions
- Clear UV-stabilised and impact-resistant technopolymer cover
- Extra pure polished aluminium reflectors
- Anti-ageing silicone gasket
- Electrical connection with quick disconnect connector in PA66 without halogens and phosphorus with silver-plated copper contacts, for cables Ø 9 - Ø 14 mm
- For KHA SLIM 31 and 35 the electrical connection is done inside a polyamide connection box with Anti tear M16x1.5 cable gland for Ø 5 - Ø 10 mm cables
- LED versions are manufactured with high performance LED arrays
- Inner aluminum extruded LED heat sink
- Stainless steel external screws
- Technopolymer electrical gear support
- Fixing rods are available as accessories for installation on cement
- Die-cast aluminium floor mount base polyester, powder coated after chemical conversion treatment of the surface
- KHA SLIM 220 floor installation can be done through a galvanised steel plinth to be directly buried in concrete or with a stainless steel base to be fastened to the floor with anchor bolts (included)



KHA SLIM 31 C/EW


IK09 10J xx7

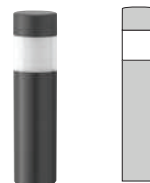
| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|--|---------|-------|---|-----|--------|--------------------------|-------|------------|-----------------------------|---------------------------|---|---|----------|----------------|-------------|
| Discharge - electronic ballast 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05192596 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05192681 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05192704 |



KHA SLIM 35 C/EW


IK09 10J xx7

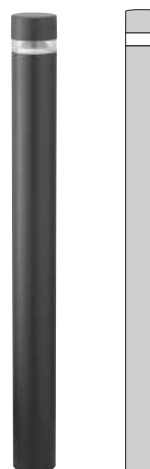
| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|--|---------|-------|---|-----|--------|--------------------------|-------|------------|-----------------------------|---------------------------|---|---|----------|----------------|-------------|
| Fluorescent - electronic ballast 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| G24q-1 | 1x10 W | II | - | - | - | - | - | C/EW | - | - | - | - | - | ● | 05191996 |
| G24q-1 | 1x10 W | II | - | - | - | - | - | C/EW | - | - | - | - | - | ● | 05192081 |
| G24q-1 | 1x10 W | II | - | - | - | - | - | C/EW | - | - | - | - | - | ● | 05192104 |



KHA SLIM 93 LED C/EW


IK09 10J xx7

| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|-------------------------------------|---------|-------|---|-----|---------|--------------------------|-------|------------|-----------------------------|---------------------------|--------|-------|----------|----------------|-------------|
| Power LED 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06084096 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06083796 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06083496 |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06083981 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06083681 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06083381 |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06084104 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06083804 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06083504 |




KHA SLIM 93 C/EW

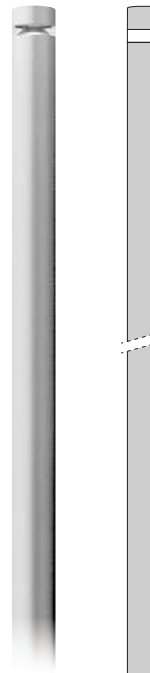
IK09 10J xx7

| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|--|---------|-------|---|-----|--------|--------------------------|-------|------------|-----------------------------|---------------------------|---|---|----------|----------------|-------------|
| Discharge - electronic ballast 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05192896 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05192981 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05193004 |

KHA SLIM 220 LED C/EW


IK09 10J xx7

| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|---|---------|-------|---|-----|---------|--------------------------|-------|------------|-----------------------------|---------------------------|--------|-------|----------|----------------|-------------|
| Power LED dimmable 1-10 V 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06081696 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06081396 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06081096 |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06081581 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06081281 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06080981 |
| LED | 13 W | II | - | - | 70 5000 | - | • | C/EW | - | 1899 lm | 592 lm | 80 10 | 50000 h | ● | 06081704 |
| LED | 13 W | II | - | - | 80 4000 | - | • | C/EW | - | 1733 lm | 546 lm | 80 10 | 50000 h | ● | 06081404 |
| LED | 13 W | II | - | - | 80 3000 | - | • | C/EW | - | 1677 lm | 483 lm | 80 10 | 50000 h | ● | 06081104 |



KHA SLIM 220 C/EW

IK09 10J xx7

| LAMPHOLDER | WATTAGE | CLASS |  | CRI | KELVIN | COS ϕ $\geq 0,9$ | OPTIC | OPTIC BEAM | LIGHTSOURCE LUMEN OUTPUT | LUMINAIRE LUMEN OUTPUT | L | B | LIFETIME | COLOUR/ RAL | PART NUMBER |
|--|---------|-------|---|-----|--------|--------------------------|-------|------------|-----------------------------|---------------------------|---|---|----------|----------------|-------------|
| Discharge - electronic ballast 220-240 V 50/60 Hz | | | | | | | | | | | | | | | |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05193196 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05193281 |
| PGJ5 | 1x20 W | II | - | - | - | - | • | C/EW | - | - | - | - | - | ● | 05193304 |

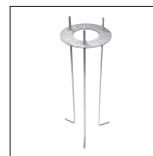


OPTIONAL ACCESSORIES

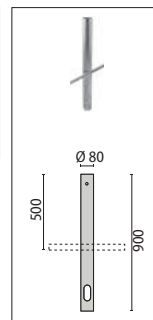
| DESCRIPTION | COLOR | PART NUMBER |
|--|-------|-----------------|
| KHA SLIM "Soft" glass for mounting inside the PC lamp cover provides a more diffused light emission. | | 14073220 |
| Anchor rods for in-ground concrete mounting stainless steel plate with galvanised steel rods (KHA SLIM H max 93 cm/36.61" only). | | 14071320 |
| Hot dipped galvanised fixing base for recessing into concrete (suitable only for models 220/250 cm height). | | 14071220 |
| AISI 316 stainless steel floor installation base (suitable only for models 220/250 cm height). | ● | 14071120 |
| M16x1.5 anti-tearing cable gland for through-wiring. | | 14066020 |



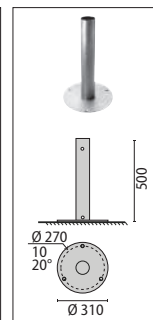
14073220



14071320



14071220



14071120



14066020

