LEO 80

LEO 120

LEO 120 ON POST

LEO 160

LEO 160 ON POST

IP65

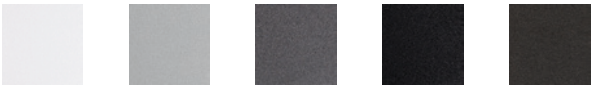
LEO 80

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: transparent glass or lens with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a cable holder (5mm<Ø<9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION::
Class A/A+/A++
Luminaire supplied
with integrated LED modules
that cannot be replaced

HALOGEN VERSION:
Class D
QT14/G9

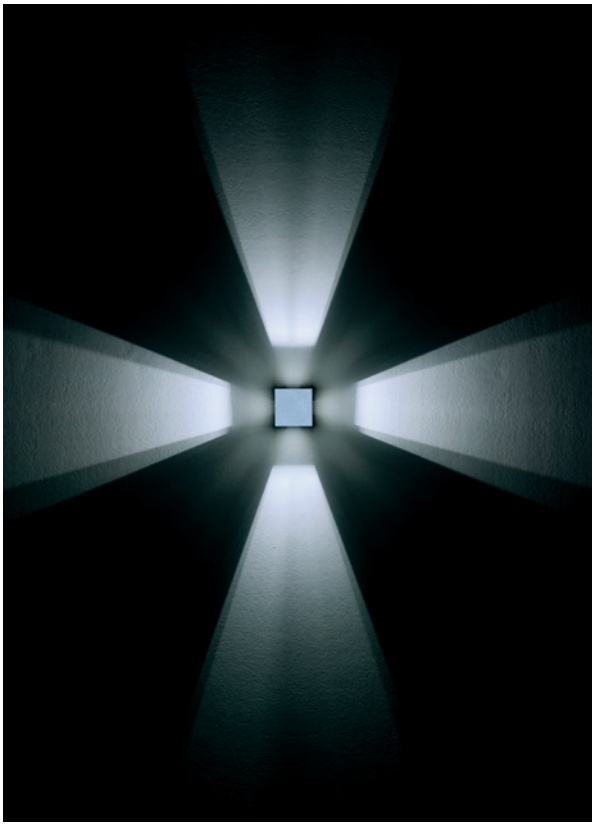


.1 White .6 Grey .3 Anthracite .4 Black .18 Deep Brown

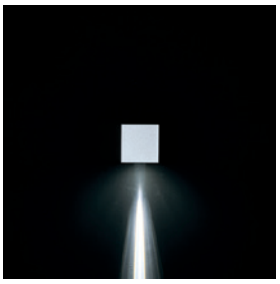
Wall fitting

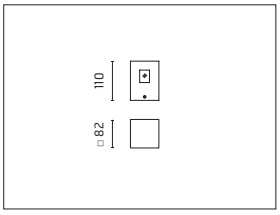
The fitting is
equipped with
1 cable input

Protection against
impact.
IK 07 - 2,00 joule



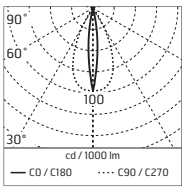
Leo80 / Unidirectional - Narrow Beam 10° - Convex Lens

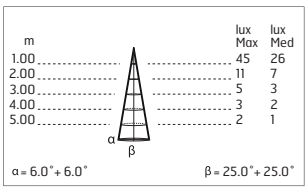




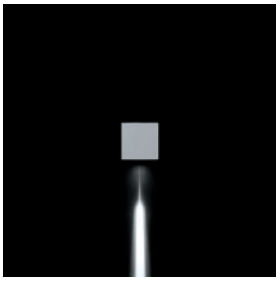
1232743 D

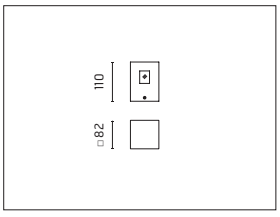
QT 14 40W 230V G9





Leo80 Power LED / Unidirectional - Narrow Beam 3° - Convex Lens

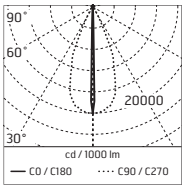


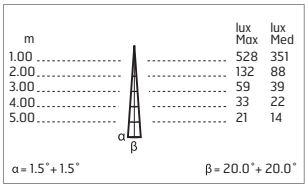


12316343 A A+ A++

NATURAL WHITE 4000K
POWER LED
1,1W/100÷240V
Total power 2,5W
Lm LED 148≠ Lm OUTPUT 26
CRI>80

Integral electronic power supply



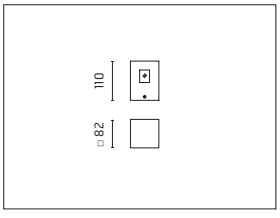


12311643 A A+ A++

WARM WHITE 3000K
POWER LED
1,1W/100÷240V
Total power 2,5W
Lm LED 139 ≠ Lm OUTPUT 24
CRI>80

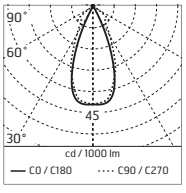
Integral electronic power supply

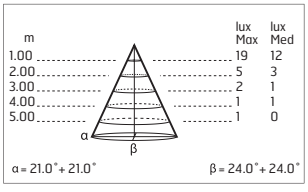
Leo80 / Unidirectional - Medium Beam 40°



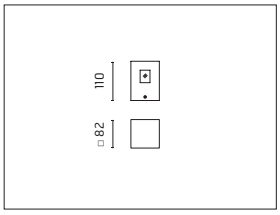
1232750 D

QT 14 40W 230V G9

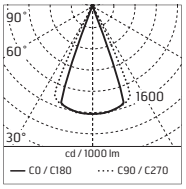


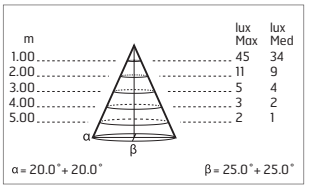


Leo80 Power LED / Unidirectional - Medium Beam 40°



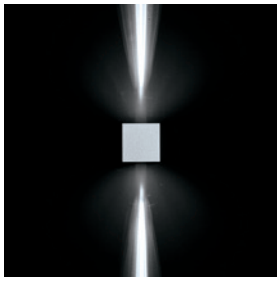
12316450 A A+ A++
NATURAL WHITE 4000K
POWER LED
1,1W/100÷240V
Total power 2,5W
Lm LED 148≠ Lm OUTPUT 28
CRI>80
Integral electronic power supply

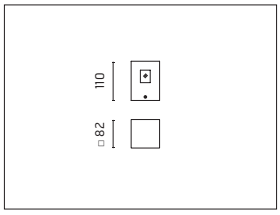




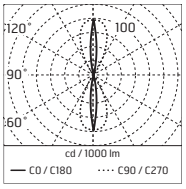
12311650 A A+ A++
WARM WHITE 3000K
POWER LED
1,1W/100÷240V
Total power 2,5W
Lm LED 139 ≠ Lm OUTPUT 26
CRI>80
Integral electronic power supply

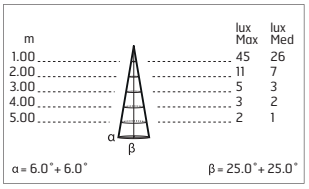
Leo80 / Bidirectional - Narrow Beam 10° - Convex Lens



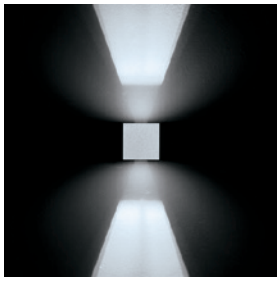


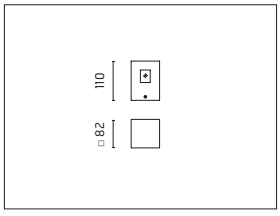
1232744 D
QT 14 40W 230V G9



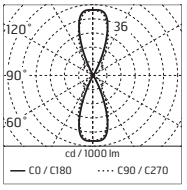


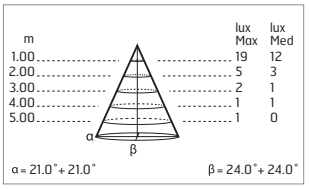
Leo80 / Bidirectional - Medium Beam 40°



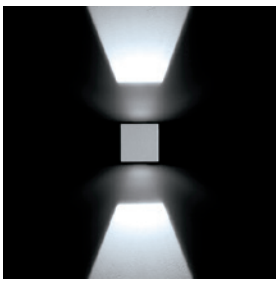


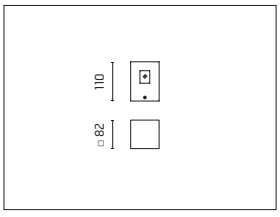
1232751 D
QT 14 40W 230V G9

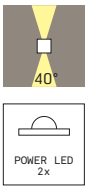




Leo80 Power LED / Bidirectional - Medium Beam 40°



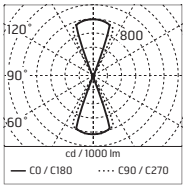


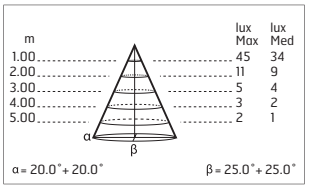


12316451 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x148 ≠ Lm OUTPUT 2x28
CRI>80

Integral electronic power supply



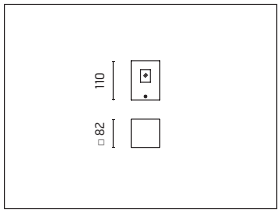


12311951 A A+ A++

WARM WHITE 3000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x139 ≠ Lm OUTPUT 2x26
CRI>80

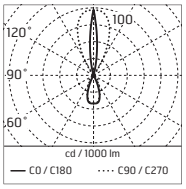
Integral electronic power supply

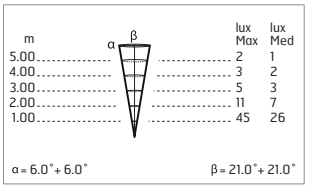
Leo80 / Bidirectional - Combined: Narrow Beam 10° (Convex Lens) + Medium Beam 40°



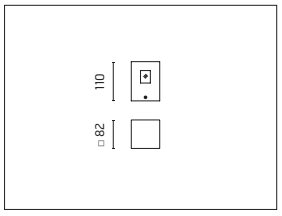
1232753 D

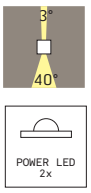
QT 14 40W 230V G9





Leo80 Power LED / Bidirectional - Combined: Narrow Beam 3° (Convex Lens) + Medium Beam 40°

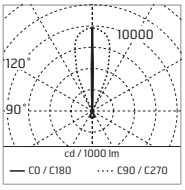


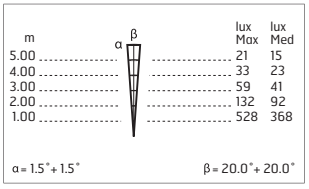


12316453 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x148≠ Lm OUTPUT 26+28
CRI>80

Integral electronic power supply



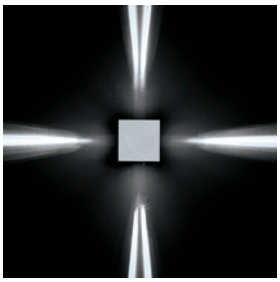


12312253 A A+ A++

WARM WHITE 3000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x139≠ Lm OUTPUT 24+26
CRI>80

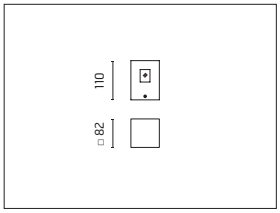
Integral electronic power supply

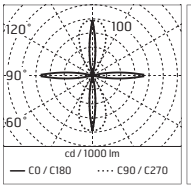
Leo80 / Omnidirectional - Narrow Beam 10° - Convex Lens

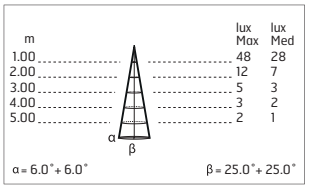


1232745 D

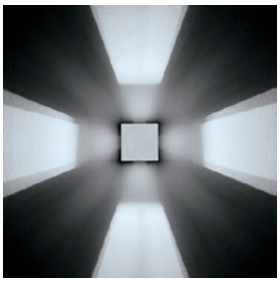
QT 14 40W 230V G9





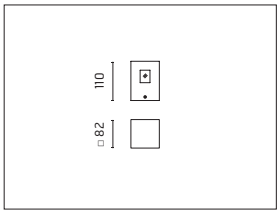


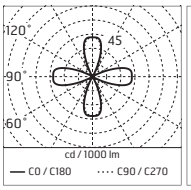
Leo80 / Omnidirectional - Medium Beam 40°

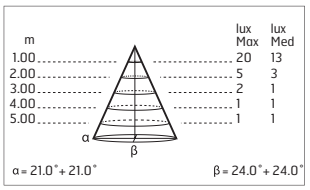


1232752 D

QT 14 40W 230V G9



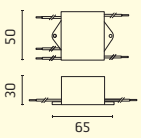




Accessories: Leo80

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶ / prod. code ▼	237
1232743	
1232744	
1232745	
1232750	
1232751	
1232752	
1232753	
12311643	●
12311650	●
12311951	●
12312253	●

acc. code ▶ / prod. code ▼	237
12316343	●
12316450	●
12316451	●
12316453	●


mercoledì
05.00 - 08.00
corso
g. garibaldi

IP65

LEO 120

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<Ø<13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION::
Class A/A+/A++
Luminaire supplied
with integrated LED modules
that cannot be replaced

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-1

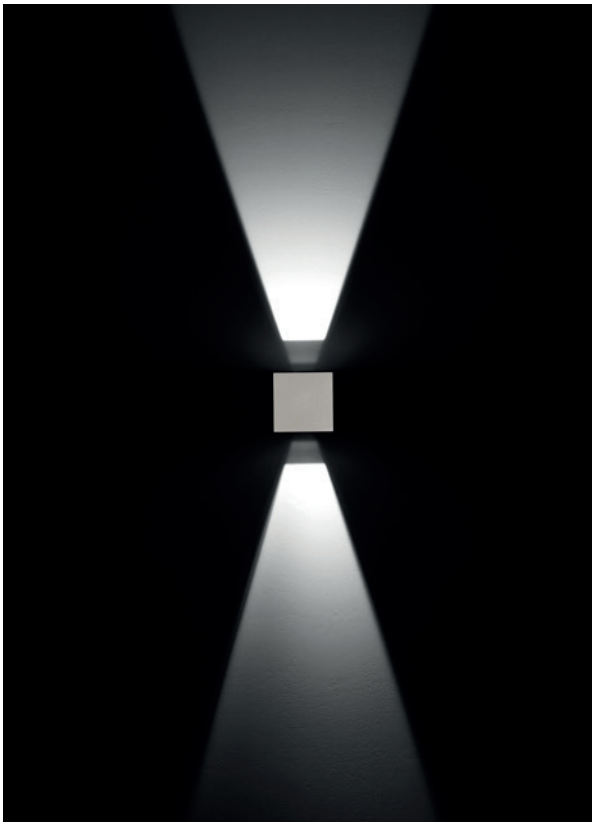
METAL HALIDE VERSION:
Class A/A+
HIT-TC-CE/G8,5

.1 White .6 Grey .3 Anthracite .4 Black .18 Deep Brown

Wall fitting

The fitting is equipped with 2 cable input

Protection against impact.
IK 05 - 7,00 joule



IP65

LEO 120 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<Ø<13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-1

METAL HALIDE VERSION:
Class A/A+
HIT-TC-CE/G8,5

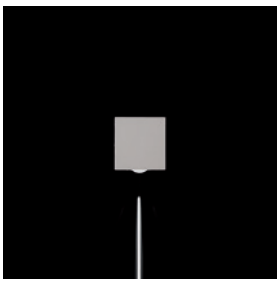
.1 White | .6 Grey | .3 Anthracite | .4 Black | .18 Deep Brown

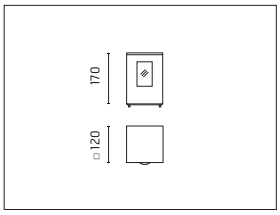
Bollard light

The fitting is equipped with 2 cable input

Protection against impact.
IK 05 - 7,00 joule

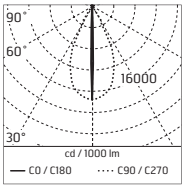
Leo120 Power LED / Unidirectional - Narrow Beam 3° - Convex Lens

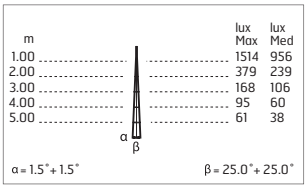




12316744 A A+ A++

NATURAL WHITE 4000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 510 ≠ Lm OUTPUT 88
CRI>80
Integral electronic power supply

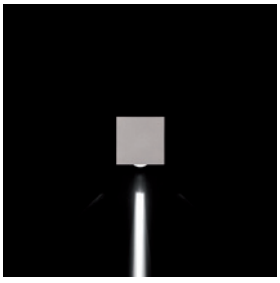


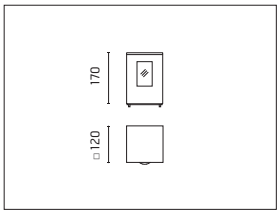


12316644 A A+ A++

WARM WHITE 3000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 475 ≠ Lm OUTPUT 82
CRI>80
Integral electronic power supply

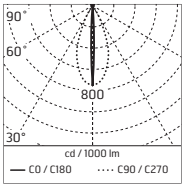
Leo120 / Unidirectional - Narrow Beam 4° - Convex Lens

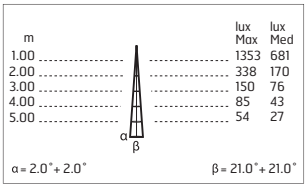




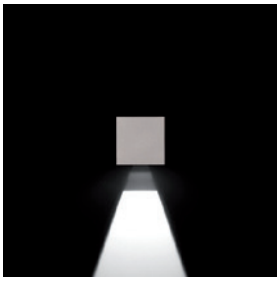
12316243 A A+

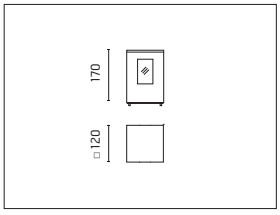
HIT-TC-CE 20W GU6,5
Electronic ballast





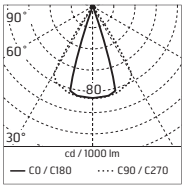
Leo120 / Unidirectional - Medium Beam 35°

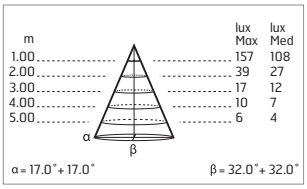




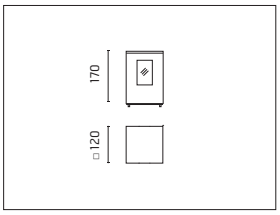
12316250 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast

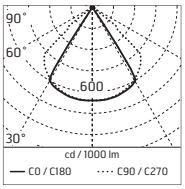


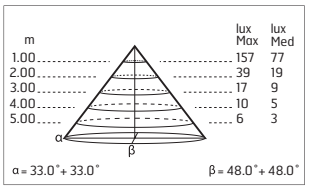


Leo120 Power LED / Unidirectional - Wide Beam 65°



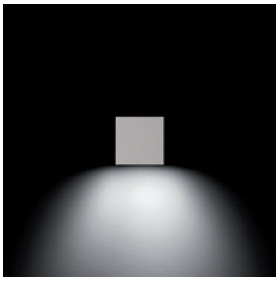
12316752 A A+ A++
NATURAL WHITE 4000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 510 ≠ Lm OUTPUT 241
CRI>80
Integral electronic power supply

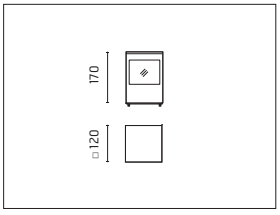




12316652 A A+ A++
WARM WHITE 3000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 475 ≠ Lm OUTPUT 224
CRI>80
Integral electronic power supply

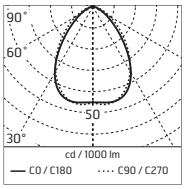
Leo120 / Unidirectional - Sandblasted Glass

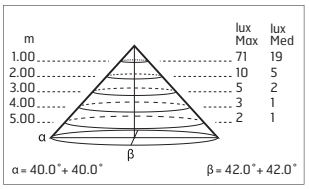




12316146 A

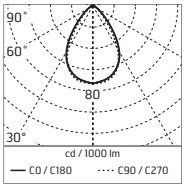
TC-TEL 13W GX24 q-1
Electronic ballast

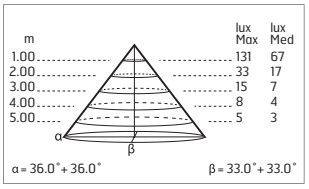




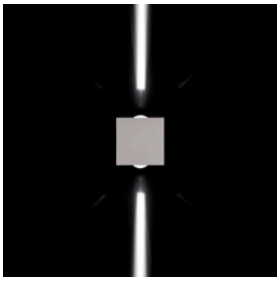
12316246 A A+

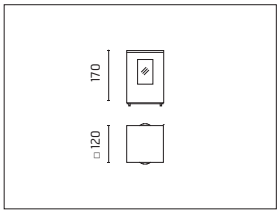
HIT-TC-CE 20W GU6,5
Electronic ballast





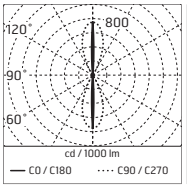
Leo120 / Bidirectional - Narrow Beam 4° - Convex Lens

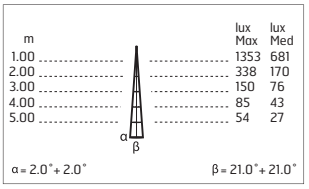




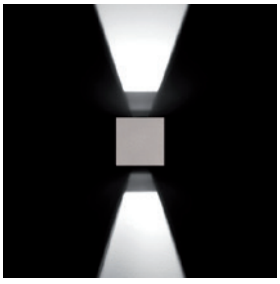
12316244 A A+

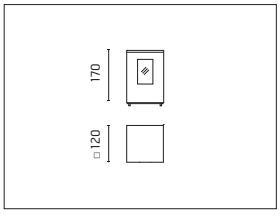
HIT-TC-CE 20W GU6,5
Electronic ballast





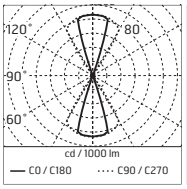
Leo120 / Bidirectional - Medium Beam 35°

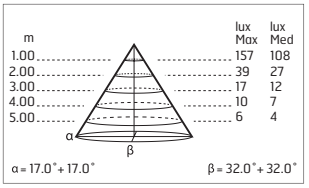




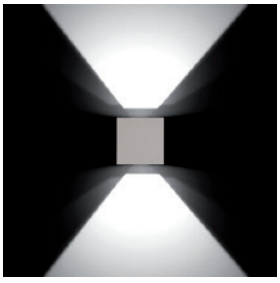
12316251 A A+

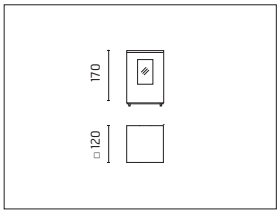
HIT-TC-CE 20W GU6,5
Electronic ballast





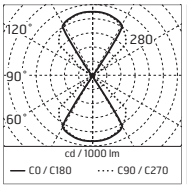
Leo120 Power LED / Bidirectional - Wide Beam 65°

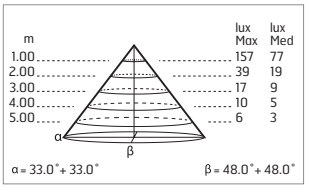




12316753 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x510≠ Lm OUTPUT 2x241
CRI>80
Integral electronic power supply

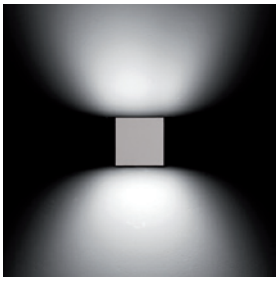


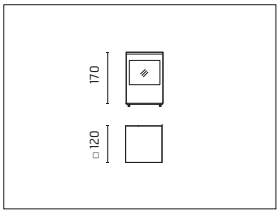


12316653 A A+ A++

WARM WHITE 3000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x475 ≠ Lm OUTPUT 2x224
CRI>80
Integral electronic power supply

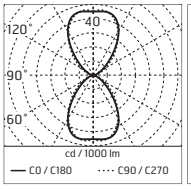
Leo120 / Bidirectional - Sandblasted Glass

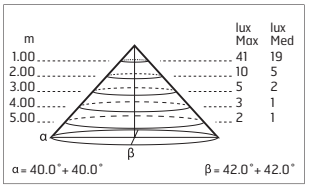




12316147 A

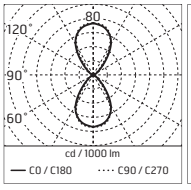
TC-TEL 13W GX24 q-1
Electronic ballast

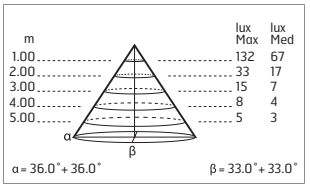




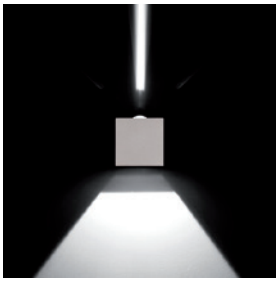
12316247 A A+

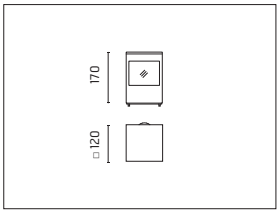
HIT-TC-CE 20W GU6,5
Electronic ballast





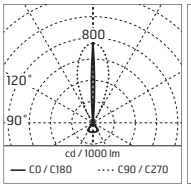
Leo120 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°

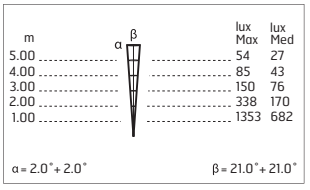




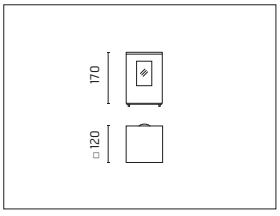
12316254 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



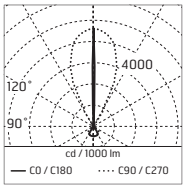


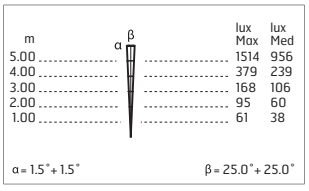
Leo120 Power LED / Bidirectional - Combined: Narrow Beam 3° (Convex Lens) + Wide Beam 65°



12316755 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x510≠ Lm OUTPUT 88+241
CRI>80
Integral electronic power supply

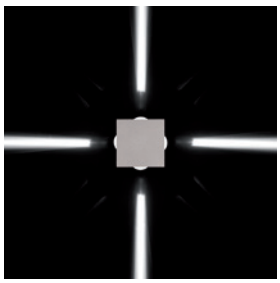


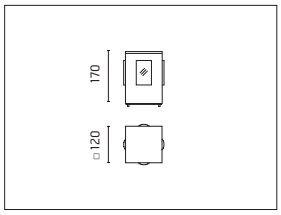


12316655 A A+ A++

WARM WHITE 3000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x475 ≠ Lm OUTPUT 82+224
CRI>80
Integral electronic power supply

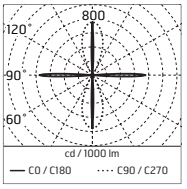
Leo120 / Omnidirectional - Narrow Beam 4° - Convex Lens



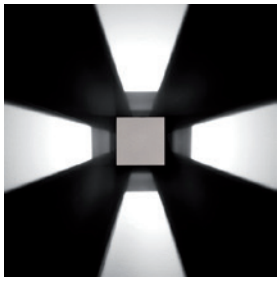


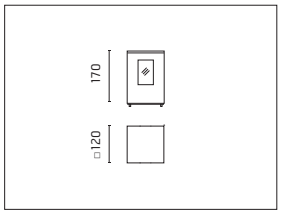
12316245 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



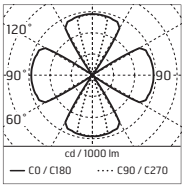
Leo120 / Omnidirectional - Medium Beam 35°



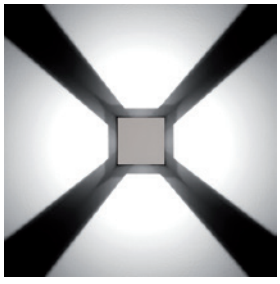


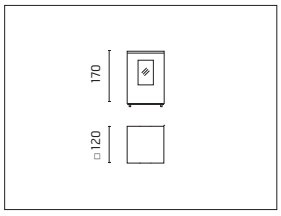
12316253 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



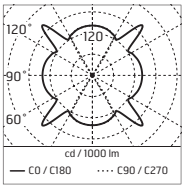
Leo120 Power LED / Omnidirectional - Wide Beam 65°





12317054 A A+ A++

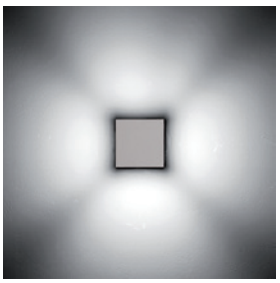
NATURAL WHITE 4000K
POWER LEDs
17,6W/220÷240V
Total power 18,6W
Lm LED 4x510 ≠ Lm OUTPUT 4x241
CRI>80
Integral electronic power supply

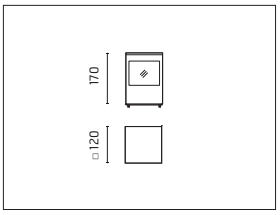


12316854 A A+ A++

WARM WHITE 3000K
POWER LEDs
17,6W/220÷240V
Total power 18,6W
Lm LED 4x475 ≠ Lm OUTPUT 4x224
CRI>80
Integral electronic power supply

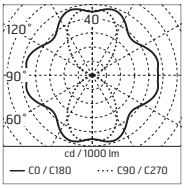
Leo120 / Omnidirectional - Sandblasted Glass





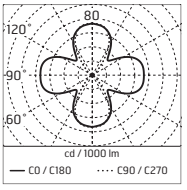
12316148 A

TC-TEL 13W GX24 q-1
Electronic ballast

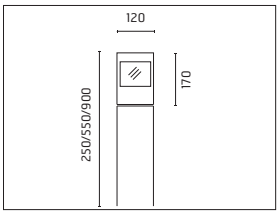


12316248 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast

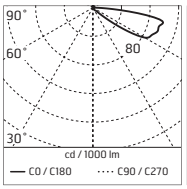


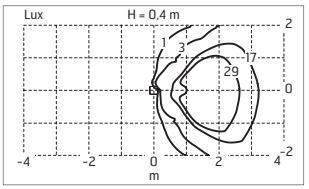
Leo120 on post / Unidirectional - Transparent Glass



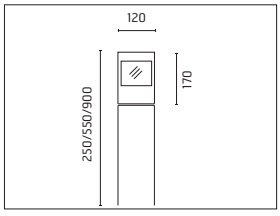
123162116 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



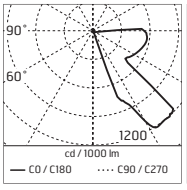


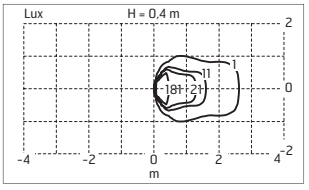
Leo120 on post Power LED / Unidirectional - Transparent Glass



123234117 A A+ A++

NATURAL WHITE 4000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 510 ≠ Lm OUTPUT 185
CRI>80
Integral electronic power supply

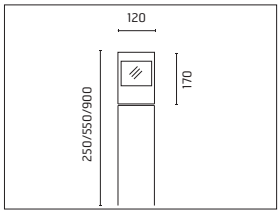




123235117 A A+ A++

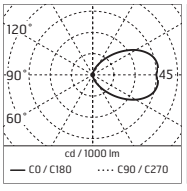
WARM WHITE 3000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 475 ≠ Lm OUTPUT 172
CRI>80
Integral electronic power supply

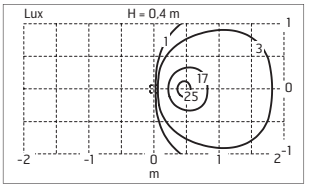
Leo120 on post / Unidirectional - Sandblasted Glass



12316146 A

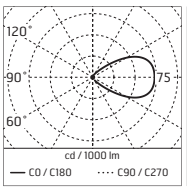
TC-TEL 13W GX24 q-1
Electronic ballast

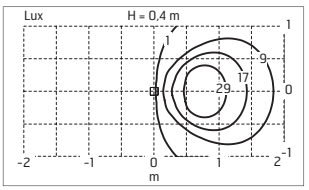




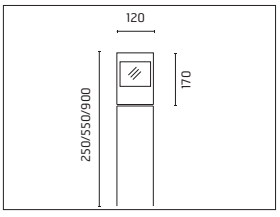
12316246 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



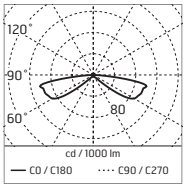


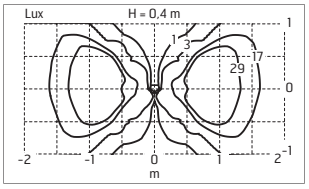
Leo120 on post / Bidirectional - Transparent Glass



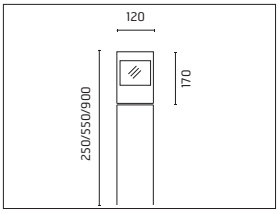
123162136 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



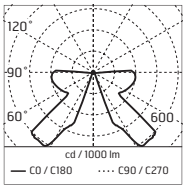


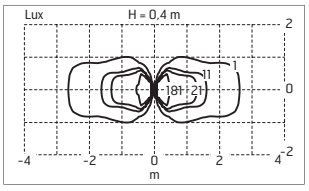
Leo120 on post Power LED / Bidirectional - Transparent Glass



123167137 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x510 ≠ Lm OUTPUT 2x185
CRI>80
Integral electronic power supply

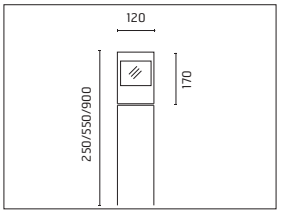




123166137 A A+ A++

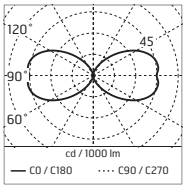
WARM WHITE 3000K
POWER LEDs
8,8W/220÷240V
Total power 10,4W
Lm LED 2x475 ≠ Lm OUTPUT 2x172
CRI>80
Integral electronic power supply

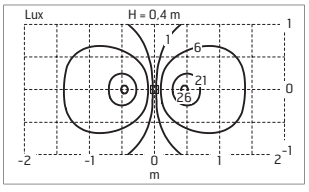
Leo120 on post / Bidirectional - Sandblasted Glass



12316147 A

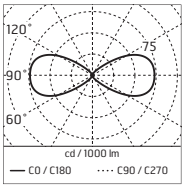
TC-TEL 13W GX24 q-1
Electronic ballast

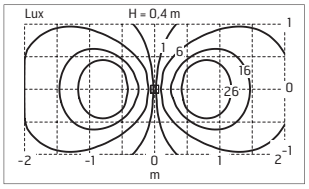




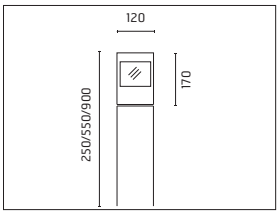
12316247 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



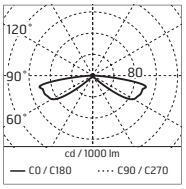


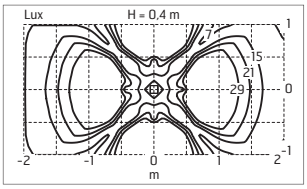
Leo120 on post / Omnidirectional - Transparent Glass



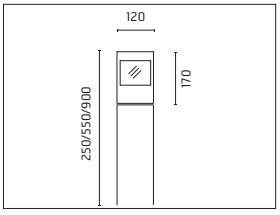
123162117 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast



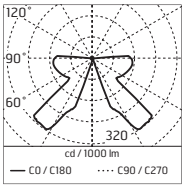


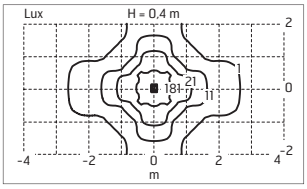
Leo120 on post Power LED / Omnidirectional - Transparent Glass



123170118 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
17,6W/220÷240V
Total power 18,6W
Lm LED 4x510 ≠ Lm OUTPUT 4x185
CRI>80
Integral electronic power supply

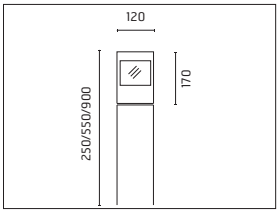




123168118 A A+ A++

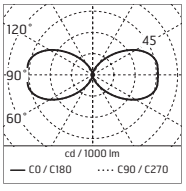
WARM WHITE 3000K
POWER LEDs
17,6W/220÷240V
Total power 18,6W
Lm LED 4x475 ≠ Lm OUTPUT 4x172
CRI>80
Integral electronic power supply

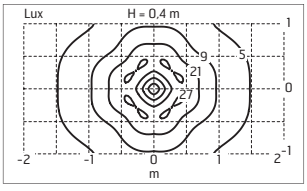
Leo120 on post / Omnidirectional - Sandblasted Glass



12316148 A

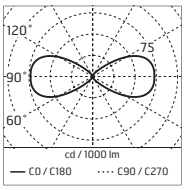
TC-TEL 13W GX24 q-1
Electronic ballast

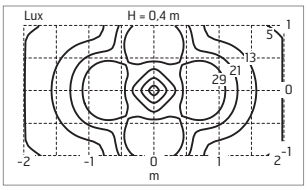




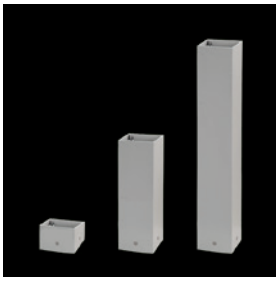
12316248 A A+

HIT-TC-CE 20W GU6,5
Electronic ballast





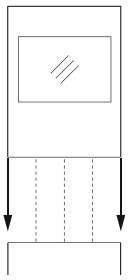
Leo120 on post / Poles



12325
H. 80 mm

12355
H. 380 mm

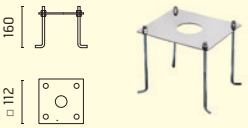
12390
H. 730 mm



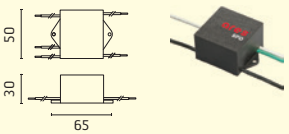
Top installation on pole

Accessories: Leo120 - Leo120 on post

130
BASE PLATE AND FIXING BOLTS
112 x 112 x H 160mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶ / prod. code ▼	130	237
12316146		
12316147		
12316148		
12316243		
12316244		
12316245		
12316246		
12316247		
12316248		
12316250		
12316251		
12316253		
12316254		
12316644		●
12316652		●
12316653		●
12316655		●
12316744		●
12316752		●
12316755		●
12316853		●
12316854		●
12317054		●

acc. code ▶ / prod. code ▼	130	237
123162116		
123162117		
123162136		
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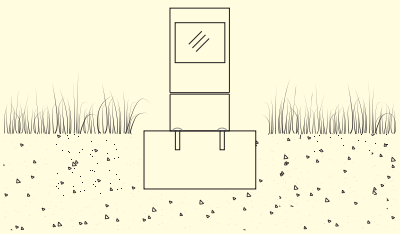
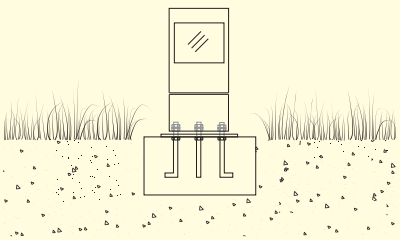
123167137		●
123168118		●
123170118		●
123234117		●
123235117		●
12325	●	
12355	●	
12390	●	

Correct Fixing Method
Bollard fixed on plint + suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground

IP65

LEO 160

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<Ø<13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION::
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

METAL HALIDE VERSION:
Class A+
HIT-CE/G12

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-3

.1 White | .6 Grey | .3 Anthracite | .4 Black | .18 Deep Brown

Wall fitting

The fitting is equipped with 2 cable input

Protection against impact.
IK 05 - 7,00 joule

IP65

LEO 160 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<Ø<13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

METAL HALIDE VERSION:
Class A+
HIT-CE/G12

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-3

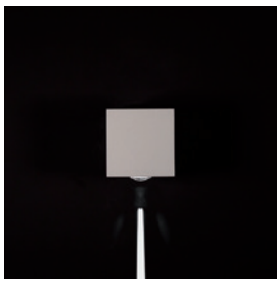
.1 White .6 Grey .3 Anthracite .4 Black .18 Deep Brown

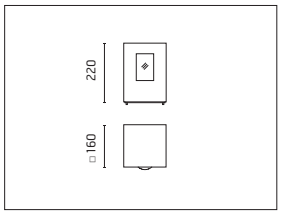
Bollard light

The fitting is equipped with 2 cable input

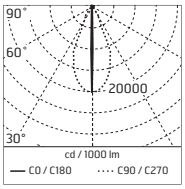
Protection against impact.
IK 05 - 7,00 joule

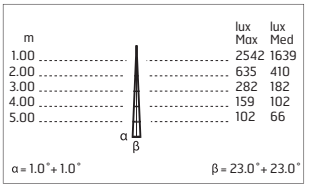
Leo160 Power LED / Unidirectional - Narrow Beam 2° - Convex Lens





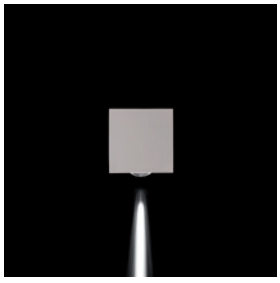
12324044 A A+ A++
NATURAL WHITE 4000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 663 ≠ Lm OUTPUT 129
CRI>80
Integral electronic power supply

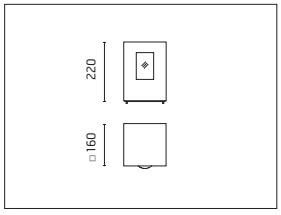




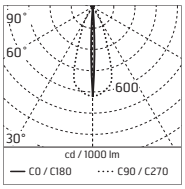
12324144 A A+ A++
WARM WHITE 3000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 617 ≠ Lm OUTPUT 120
CRI>80
Integral electronic power supply

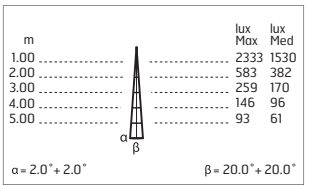
Leo160 / Unidirectional - Narrow Beam 4° - Convex Lens



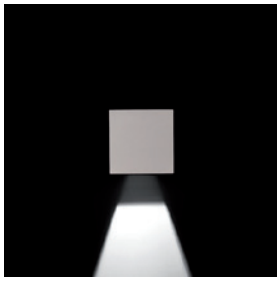


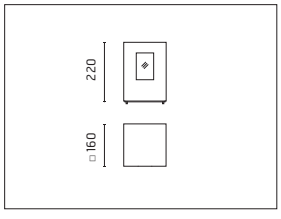
1233543 A+
HIT-CE 35W G12
Electronic ballast



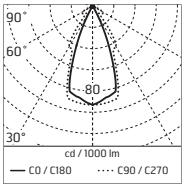


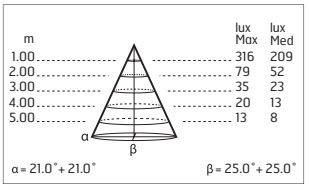
Leo160 / Unidirectional - Medium Beam 40°



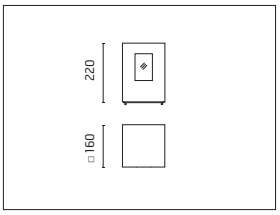


1233550 A+
HIT-CE 35W G12
Electronic ballast

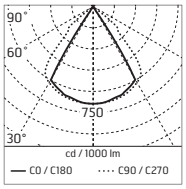


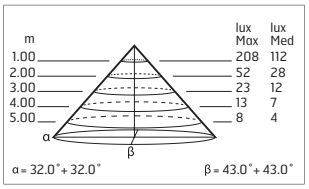


Leo160 Power LED / Unidirectional - Wide Beam 65°



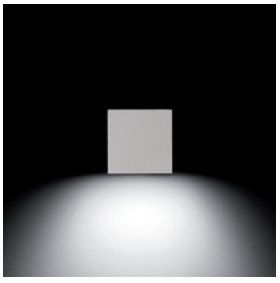
12324052 A A+ A++
NATURAL WHITE 4000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 663 ≠ Lm OUTPUT 297
CRI>80
Integral electronic power supply

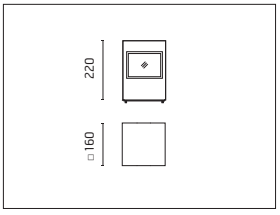




12324152 A A+ A++
WARM WHITE 3000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 617 ≠ Lm OUTPUT 276
CRI>80
Integral electronic power supply

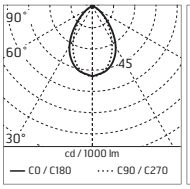
Leo160 / Unidirectional - Sandblasted Glass

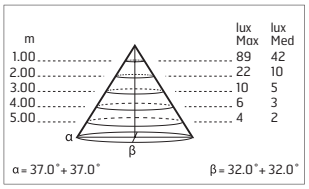




1239846 A

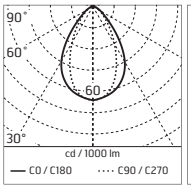
TC-TEL 26W GX24 q-3
Electronic ballast

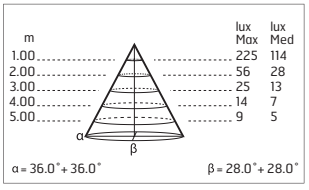




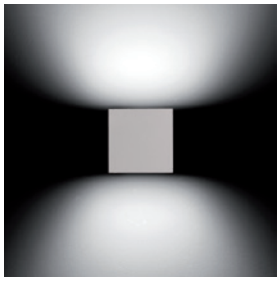
1233546 A+

HIT-CE 35W G12
Electronic ballast



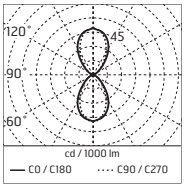


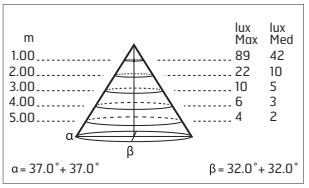
Leo160 / Bidirectional - Sandblasted Glass



1239847 A

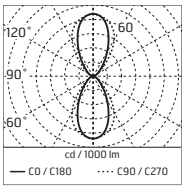
TC-TEL 26W GX24 q-3
Electronic ballast

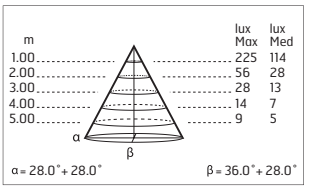


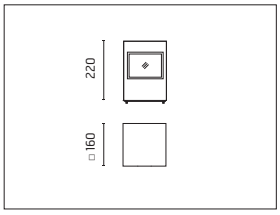


1233547 A+

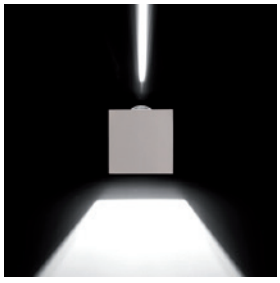
HIT-CE 35W G12
Electronic ballast





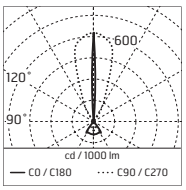


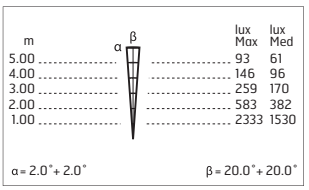
Leo160 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°

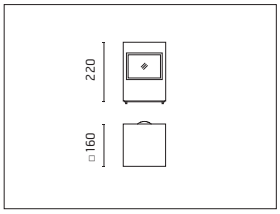


1233554 A+

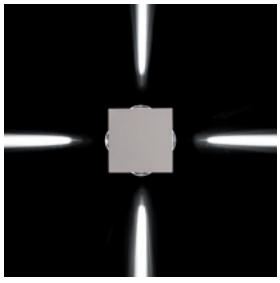
HIT-CE 35W G12
Electronic ballast





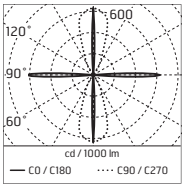


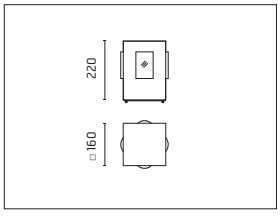
Leo160 / Omnidirectional - Narrow Beam 4° - Convex Lens



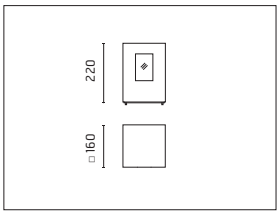
1233545 A+

HIT-CE 35W G12
Electronic ballast



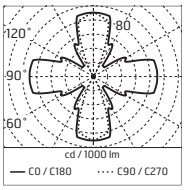


Leo160 / Omnidirectional - Medium Beam 40°

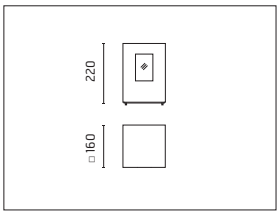


1233553 A+

HIT-CE 35W G12
Electronic ballast

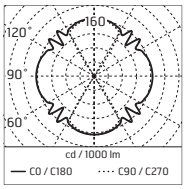


Leo160 Power LED / Omnidirectional - Wide Beam 65°



12324354 A A+ A++

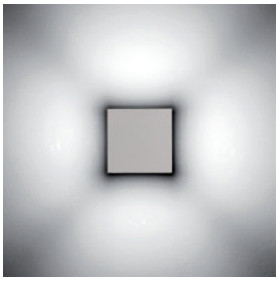
NATURAL WHITE 4000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x663 ≠ Lm OUTPUT 4x297
CRI>80
Integral electronic power supply

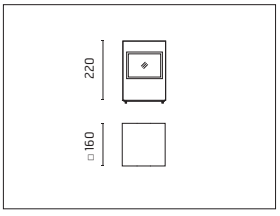


12324454 A A+ A++

WARM WHITE 3000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x617 ≠ Lm OUTPUT 4x276
CRI>80
Integral electronic power supply

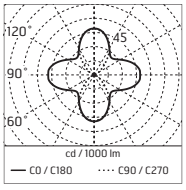
Leo160 / Omnidirectional - Sandblasted Glass





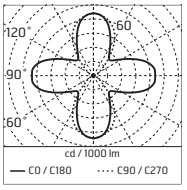
1239848 A

TC-TEL 26W GX24 q-3
Electronic ballast

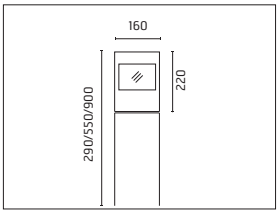


1233548 A+

HIT-CE 35W G12
Electronic ballast

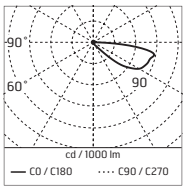


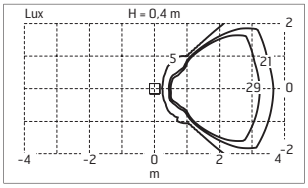
Leo160 on post / Unidirectional - Transparent Glass



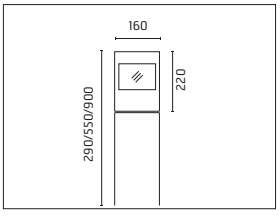
12335116 A+

HIT-CE 35W G12
Electronic ballast





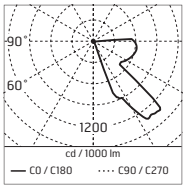
Leo160 on post Power LED / Unidirectional - Transparent Glass

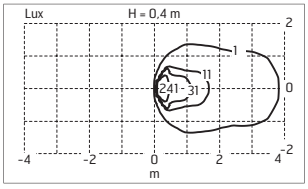


123240117 A A+ A++

NATURAL WHITE 4000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 663 ≠ Lm OUTPUT 240
CRI>80

Integral electronic power supply



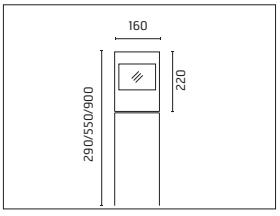


123241117 A A+ A++

WARM WHITE 3000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 617 ≠ Lm OUTPUT 223
CRI>80

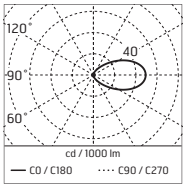
Integral electronic power supply

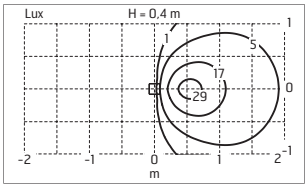
Leo160 on post / Unidirectional - Sandblasted Glass



1239846 A

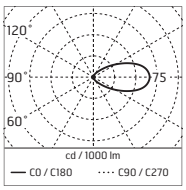
TC-TEL 26W GX24 q-3
Electronic ballast

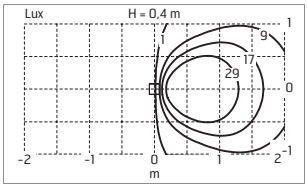




1233546 A+

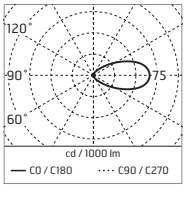
HIT-CE 35W G12
Electronic ballast

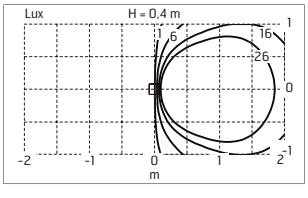




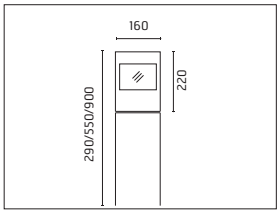
1237146 A+

HIT-CE 70W G12
Electronic ballast



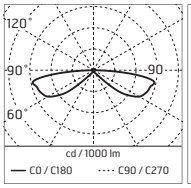


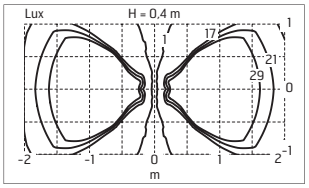
Leo160 on post / Bidirectional - Transparent Glass



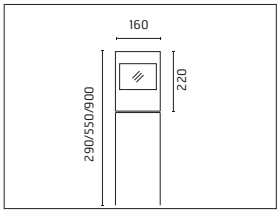
12335136 A+

HIT-CE 35W G12
Electronic ballast



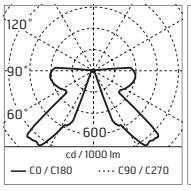


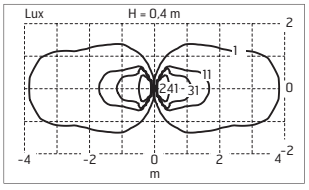
Leo160 on post Power LED / Bidirectional - Transparent Glass



123240137 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
12,4W/110÷240V
Total power 16W
Lm LED 2x663 ≠ Lm OUTPUT 2x240
CRI>80
Integral electronic power supply

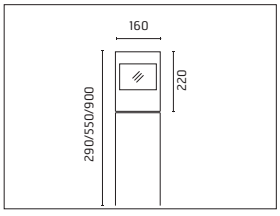




123241137 A A+ A++

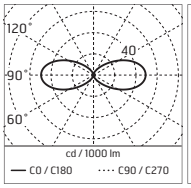
WARM WHITE 3000K
POWER LEDs
12,4W/110÷240V
Total power 16W
Lm LED 2x617 ≠ Lm OUTPUT 2x223
CRI>80
Integral electronic power supply

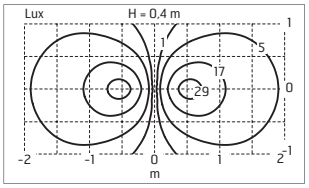
Leo160 on post / Bidirectional - Sandblasted Glass



1239847 A

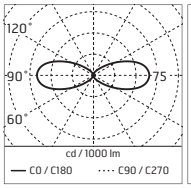
TC-TEL 26W GX24 q-3
Electronic ballast

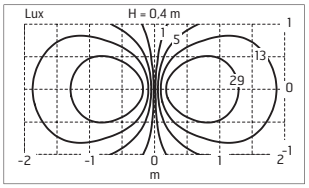




1233547 A+

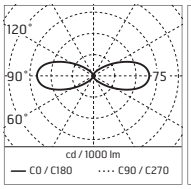
HIT-CE 35W G12
Electronic ballast

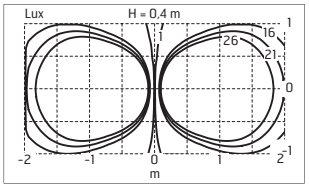




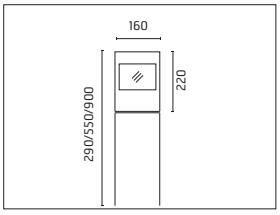
1237147 A+

HIT-CE 70W G12
Electronic ballast



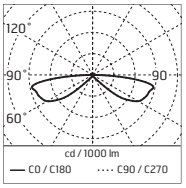


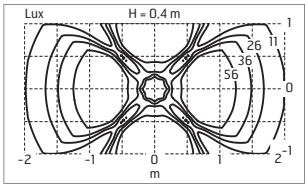
Leo160 on post / Omnidirectional - Transparent Glass



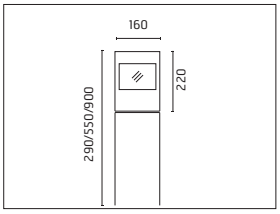
12335117 A+

HIT-CE 35W G12
Electronic ballast





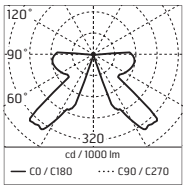
Leo160 on post Power LED / Omnidirectional - Transparent Glass

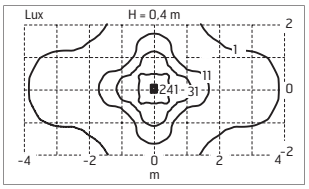


123243118 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x663≠ Lm OUTPUT 4x240
CRI>80

Integral electronic power supply



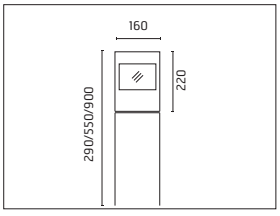


123244118 A A+ A++

WARM WHITE 3000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x617≠ Lm OUTPUT 4x223
CRI>80

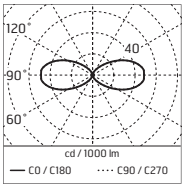
Integral electronic power supply

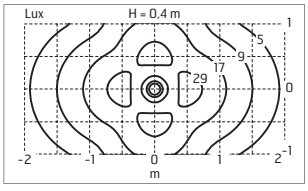
Leo160 on post / Omnidirectional - Sandblasted Glass



1239848 A

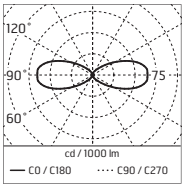
TC-TEL 26W GX24 q-3
Electronic ballast

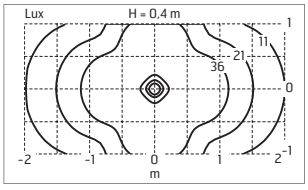




1233548 A+

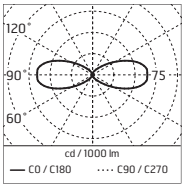
HIT-CE 35W G12
Electronic ballast

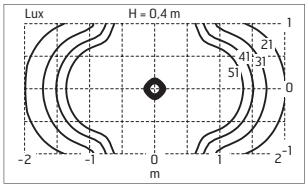




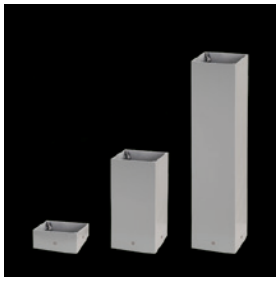
1237148 A+

HIT-CE 70W G12
Electronic ballast





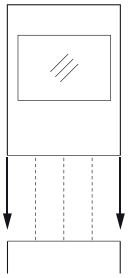
Leo160 on post / Poles



12425
H. 70 mm

12455
H. 330 mm

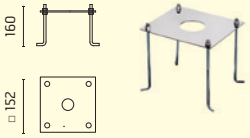
12490
H. 680 mm



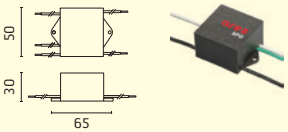
Top installation on pole

Accessories: Leo160 - Leo160 on post

131
BASE PLATE AND FIXING BOLTS
152 x 152 x H 160mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶ / prod. code ▼	131	237
1233543		
1233545		
1233546		
1233547		
1233548		
1233550		
1233553		
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1237146		
1237147		
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12324052		●
12324144		●
12324152		●

acc. code ▶ / prod. code ▼	131	237
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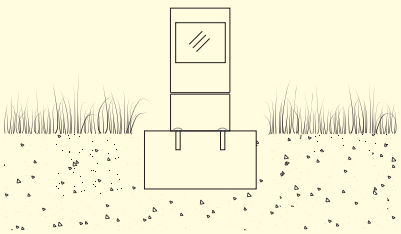
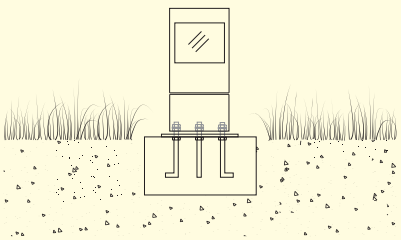
123244118		●

acc. code ▶ / prod. code ▼	131	237
12425	●	
12455	●	
12490	●	

Correct Fixing Method
Bollard fixed on plint + suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground