





- Linear luminaire for installation in ground or ceiling – recessed.
- Configuration: extruded aluminium body and die-cast double closing end on each side. Glass diffuser: 8mm thick transparent or sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which 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 which 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: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: fluorescent lamp: II; LED module: I; RGB module: II
- Installation: the electrical components are installed on a removable frame. Wiring through two plastic M20 cable glands (6<math>\times</math>12mm cables) placed on one of the two closing ends where a plastic box allows connection to the removable electric module. RGB version: the luminaire is equipped with two pieces of cable for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

## EU Regulation 874/2012 - Illumination equipment energy classes

|   |   |
|---|---|
|  | <b>LED VERSION:</b><br>Class A/A+/A++<br>Luminaire supplied with integrated LED modules that cannot be replaced |
|  |   |
|  |   |
|  | <b>FLUORESCENT VERSION:</b><br>Class A+<br>T16/G5   |



.6 Grey



Recessed ground fitting



Ceiling recessed installation (for L 645 and L 1245 version only)



Do not install in hollow areas



Installation requires a 20cm water drainage layer (gravel)



The fitting is equipped with 2 cable input.



Version RGB: Pre-wired with approx 200mm of cable



Static load: 1500Kg walk over

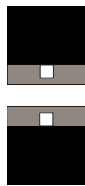


Check that diffuser's temperature "T max °C"(tested at 25°C) complies with your local regulation  
Glass surface temperature <70°C for LED source

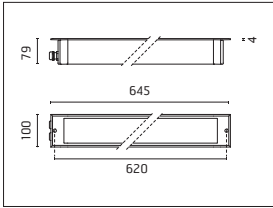
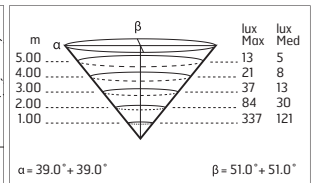
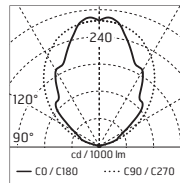


Protection against impact.  
IK 09 - 10,00 joule

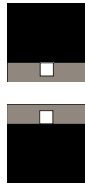
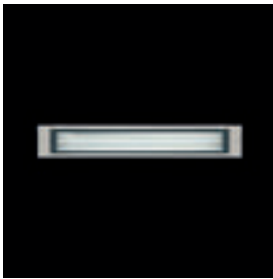
Cielo / L 645 mm - Transparent Glass - Symmetric Optic



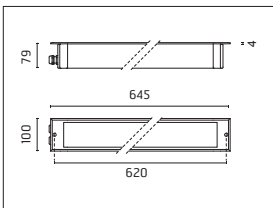
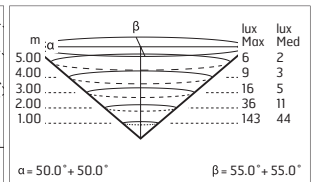
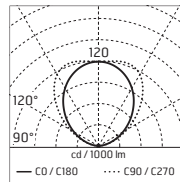
**944213**   
 T16 14W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



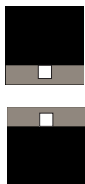
Cielo / L 645 mm - Sandblasted Glass - Symmetric Optic



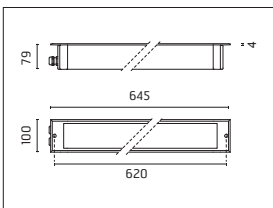
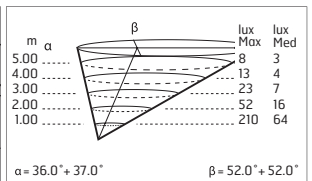
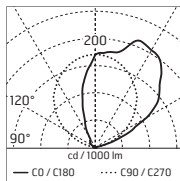
**944257**   
 T16 14W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



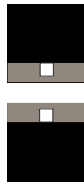
Cielo / L 645 mm - Transparent Glass - Asymmetric Optic



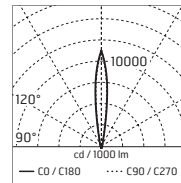
**944214**   
 T16 14W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°

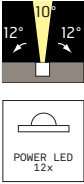
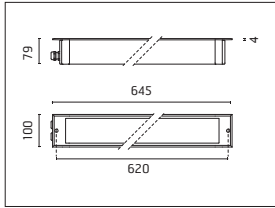


**9418612**   
 NATURAL WHITE 4000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1560 ≈ lm OUTPUT 1423  
 CRI >80  
 Integral electronic power supply



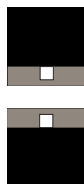
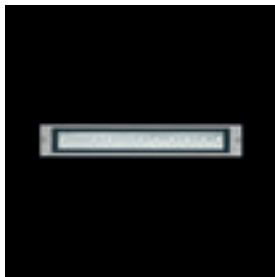
| m    | lux   |      |
|------|-------|------|
|      | Max   | Med  |
| 5.00 | 637   | 397  |
| 4.00 | 995   | 621  |
| 3.00 | 1769  | 1104 |
| 2.00 | 3980  | 2484 |
| 1.00 | 15922 | 9936 |

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

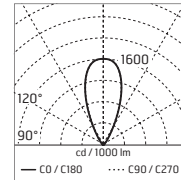


**948312**   
 WARM WHITE 3000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1440 ≈ lm OUTPUT 1314  
 CRI >80  
 Integral electronic power supply

Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Medium Beam 45°

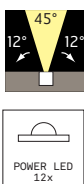
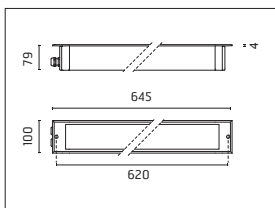


**9418613**   
 NATURAL WHITE 4000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1560 ≈ lm OUTPUT 1248  
 CRI >80  
 Integral electronic power supply



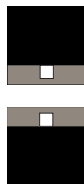
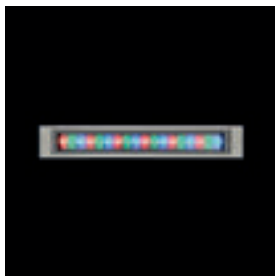
| m    | lux  |      |
|------|------|------|
|      | Max  | Med  |
| 5.00 | 80   | 49   |
| 4.00 | 125  | 76   |
| 3.00 | 223  | 135  |
| 2.00 | 502  | 303  |
| 1.00 | 2007 | 1213 |

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$



**948313**   
 WARM WHITE 3000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1440 ≈ lm OUTPUT 1152  
 CRI >80  
 Integral electronic power supply

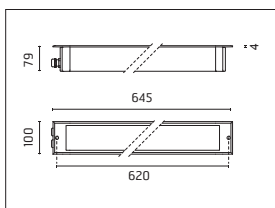
Cielo RGB Power LED / L 645 mm - Sandblasted Glass



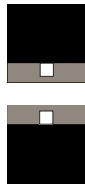
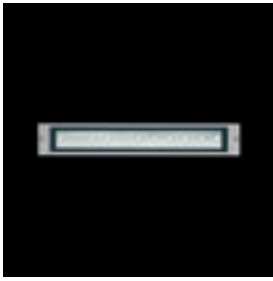
**9418713**   
 RGB  
 POWER LEDs  
 20,4W/220÷240V with DMX  
 interface  
 Total power 26W  
 Integral electronic power supply

Wiring diagram and installation scheme RGB

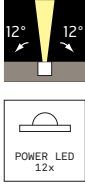
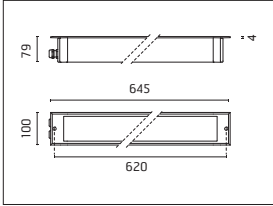
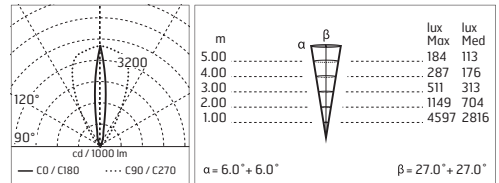
>> See Page 517  
 Wiring Diagram n.8



Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Elliptical Beam



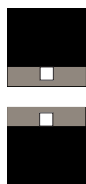
**94186131**   
 NATURAL WHITE 4000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1560 ≈ lm OUTPUT 1251  
 CRI >80  
 Integral electronic power supply



**9483131**   
 WARM WHITE 3000K  
 POWER LEDs  
 13,2W/220÷240V  
 Total power 16W  
 lm LED 1440 ≈ lm OUTPUT 1155  
 CRI >80  
 Integral electronic power supply



Cielo / L 1245 mm - Transparent Glass - Symmetric Optic



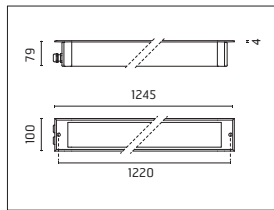
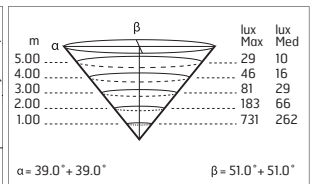
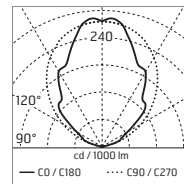
944813 A+

T16 28W G5

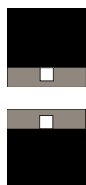
Electronic ballast

T 40°C

Dimmable ballast on request



Cielo / L 1245 mm - Sandblasted Glass - Symmetric Optic



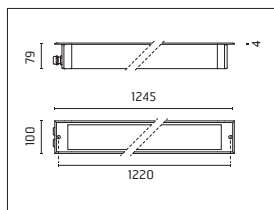
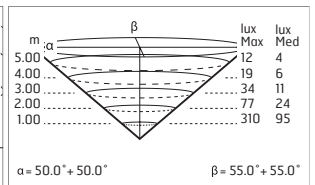
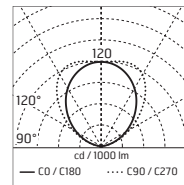
944857 A+

T16 28W G5

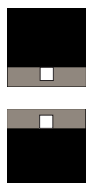
Electronic ballast

T 40°C

Dimmable ballast on request



Cielo / L 1245 mm - Transparent Glass - Asymmetric Optic



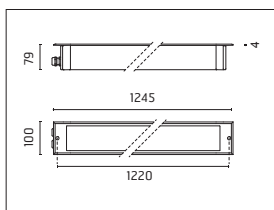
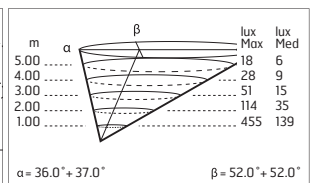
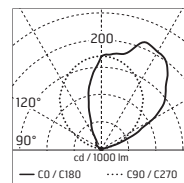
944814 A+

T16 28W G5

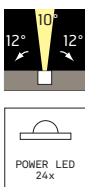
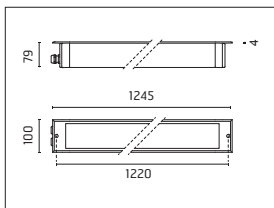
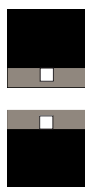
Electronic ballast

T 40°C

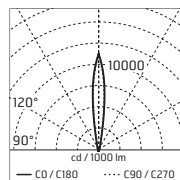
Dimmable ballast on request



## Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



**9418812** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 3120 ≈ lm OUTPUT 2847  
 CRI >80  
 Integral electronic power supply

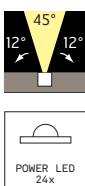
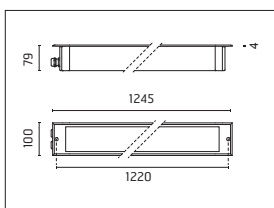
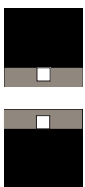


| m    | lux   |       |
|------|-------|-------|
|      | Max   | Med   |
| 5.00 | 1274  | 795   |
| 4.00 | 1991  | 1242  |
| 3.00 | 3539  | 2209  |
| 2.00 | 7964  | 4970  |
| 1.00 | 31855 | 19878 |

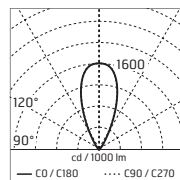
$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

**948012** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 2880 ≈ lm OUTPUT 2628  
 CRI >80  
 Integral electronic power supply

## Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Medium Beam 45°



**9418813** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 3120 ≈ lm OUTPUT 2495  
 CRI >80  
 Integral electronic power supply

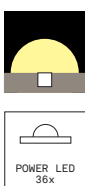
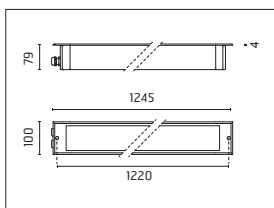
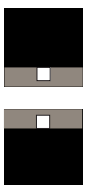
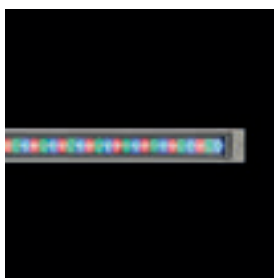


| m    | lux  |      |
|------|------|------|
|      | Max  | Med  |
| 5.00 | 161  | 97   |
| 4.00 | 251  | 152  |
| 3.00 | 446  | 270  |
| 2.00 | 1004 | 607  |
| 1.00 | 4015 | 2426 |

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$

**948013** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 2880 ≈ lm OUTPUT 2303  
 CRI >80  
 Integral electronic power supply

## Cielo RGB Power LED / L 1245 mm - Sandblasted Glass

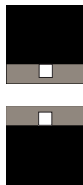
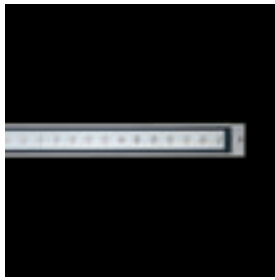


**9418913** **A A+ A++**  
 RGB  
 POWER LEDs  
 40,8W/220÷240V with DMX  
 interface  
 Total power 44W  
 Integral electronic power supply

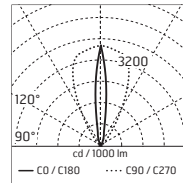
### Wiring diagram and installation scheme RGB

>> See Page 517  
 Wiring Diagram n.8

Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Elliptical Beam

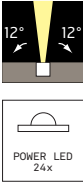
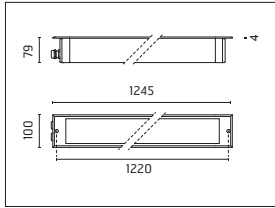


**94188131**   
 NATURAL WHITE 4000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 3120 ≠ lm OUTPUT 2503  
 CRI >80  
 Integral electronic power supply



| m    | lux  |      |
|------|------|------|
|      | Max  | Med  |
| 5.00 | 368  | 225  |
| 4.00 | 575  | 352  |
| 3.00 | 1022 | 626  |
| 2.00 | 2299 | 1408 |
| 1.00 | 9194 | 5632 |

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 27.0^\circ + 27.0^\circ$



**9480131**   
 WARM WHITE 3000K  
 POWER LEDs  
 26,4W/220÷240V  
 Total power 32W  
 lm LED 2880 ≠ lm OUTPUT 2310  
 CRI >80  
 Integral electronic power supply

Symmetric Optic - Transparent Glass



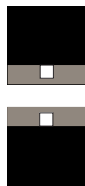
Sandblasted Glass



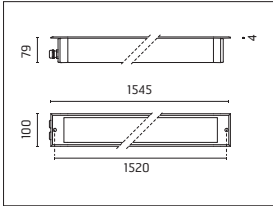
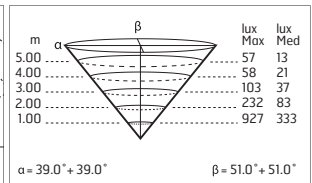
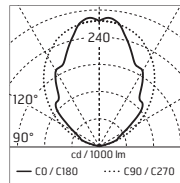
Asymmetric Optic - Transparent Glass



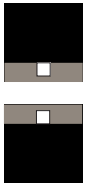
Cielo / L 1545 mm - Transparent Glass - Symmetric Optic



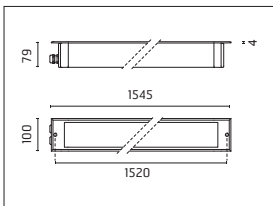
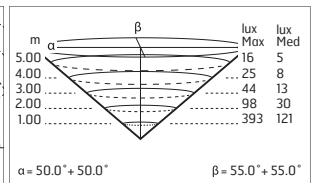
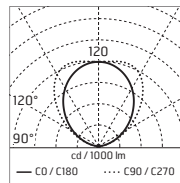
945413   
 T16 35W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



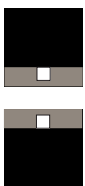
Cielo / L 1545 mm - Sandblasted Glass - Symmetric Optic



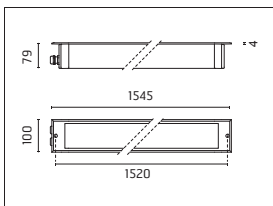
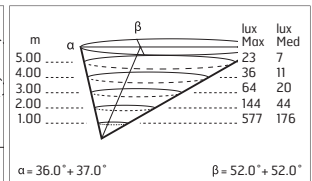
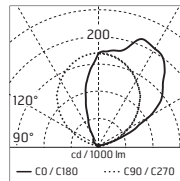
945457   
 T16 35W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



Cielo / L 1545 mm - Transparent Glass - Asymmetric Optic



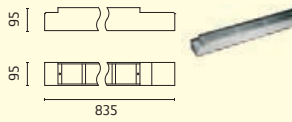
945414   
 T16 35W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



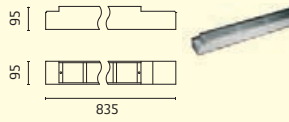


**Accessories: Cielo**

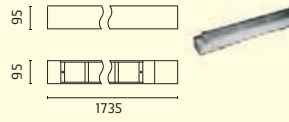
**71**  
BOX FOR INSTALLATION  
835 x 95 H 95mm



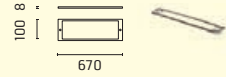
**72**  
BOX FOR INSTALLATION  
1435 x 95 H 95mm



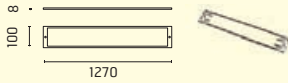
**80**  
BOX FOR INSTALLATION  
1735 x 95 H 95mm



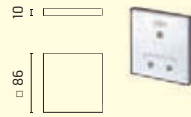
**81**  
FRAME FOR RECESSED INSTALLATION  
IN THE CEILING. 670 x 100 x H 8mm



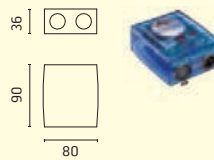
**82**  
FRAME FOR RECESSED INSTALLATION  
IN THE CEILING. 1270 x 100 x H 8mm



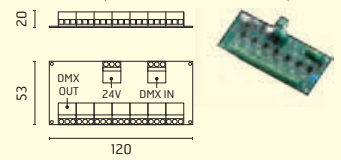
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



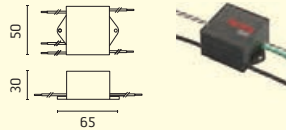
**187**  
DMX SPLITTER - ELECTRONIC DEVICE TO  
REGENERATE THE DMX SIGNAL. 1 INPUT  
AND 7 OUTPUT. 12÷24Vdc POWER SUPPLY TO  
BE ORDERED (87 OR 175 RECOMMENDED)



**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



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



| acc. code ▶  | 71 | 72 | 80 | 81 | 82 | 142 | 143 | 187 | 186 | 237 |
|--------------|----|----|----|----|----|-----|-----|-----|-----|-----|
| prod. code ▼ |    |    |    |    |    |     |     |     |     |     |
| 944213       | •  |    |    | •  |    |     |     |     |     |     |
| 944214       | •  |    |    | •  |    |     |     |     |     |     |
| 944257       | •  |    |    | •  |    |     |     |     |     |     |
| 944813       |    | •  |    |    | •  |     |     |     |     |     |
| 944814       |    | •  |    |    | •  |     |     |     |     |     |
| 944857       |    | •  |    |    | •  |     |     |     |     |     |
| 945413       |    |    | •  |    |    |     |     |     |     |     |
| 945414       |    |    | •  |    |    |     |     |     |     |     |
| 945457       |    |    | •  |    |    |     |     |     |     |     |
| 948012       |    | •  |    |    | •  |     |     |     |     | •   |
| 948013       |    | •  |    |    | •  |     |     |     |     | •   |
| 948312       | •  |    |    | •  |    |     |     |     |     | •   |
| 948313       | •  |    |    | •  |    |     |     |     |     | •   |
| 9418713      | •  |    |    | •  |    | •   | •   | •   | •   | •   |
| 9480131      |    | •  |    |    | •  |     |     |     |     | •   |
| 9418612      | •  |    |    | •  |    |     |     |     |     | •   |
| 9418613      | •  |    |    | •  |    |     |     |     |     | •   |
| 9418812      |    | •  |    |    | •  |     |     |     |     | •   |
| 9418813      |    | •  |    |    | •  |     |     |     |     | •   |
| 9418913      |    | •  |    |    | •  | •   | •   | •   | •   | •   |
| 9483131      | •  |    |    | •  |    |     |     |     |     | •   |
| 94186131     | •  |    |    | •  |    |     |     |     |     | •   |
| 94188131     |    | •  |    |    | •  |     |     |     |     | •   |