



- 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 (6xø<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

**A++**  
**A+**  
**A**  
**A+**

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

**FLUORESCENT VERSION:**  
Class A+  
T16/G5



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

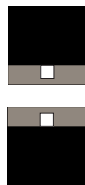
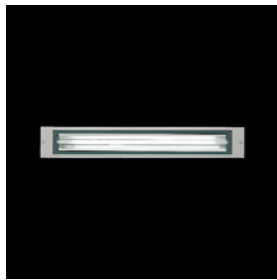


Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation  
Glass surface temperature <70°C for LED source

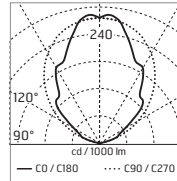


Protection against impact.  
IK 09 - 10,00 joule

Cielo / L 645 mm - Transparent Glass - Symmetric Optic

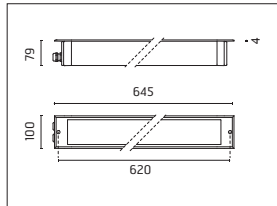


944213   
 T16 14W G5   
 Electronic ballast   
 T 40°C   
 Dimmable ballast on request

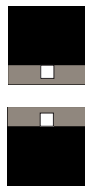


m	α	β		lux	lux
		Max	Med	Max	Med
5.00		13	5		
4.00		21	8		
3.00		37	13		
2.00		84	30		
1.00		337	121		

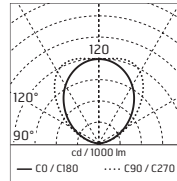
α = 39.0° + 39.0°      β = 51.0° + 51.0°



Cielo / L 645 mm - Sandblasted Glass - Symmetric Optic

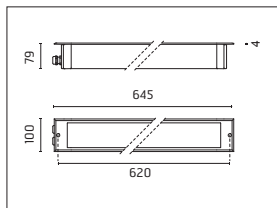


944257   
 T16 14W G5   
 Electronic ballast   
 T 40°C   
 Dimmable ballast on request

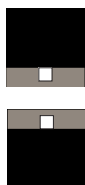


m	α	β		lux	lux
		Max	Med	Max	Med
5.00		6	2		
4.00		9	3		
3.00		16	5		
2.00		36	11		
1.00		143	44		

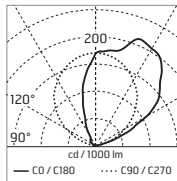
α = 50.0° + 50.0°      β = 55.0° + 55.0°



Cielo / L 645 mm - Transparent Glass - Asymmetric Optic

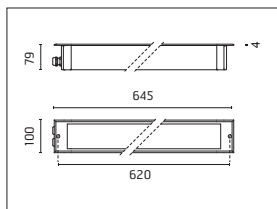


944214   
 T16 14W G5   
 Electronic ballast   
 T 40°C   
 Dimmable ballast on request

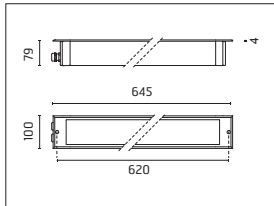
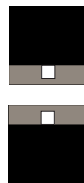
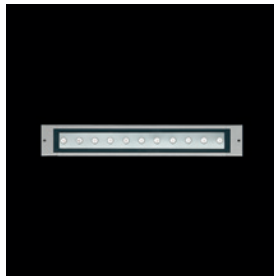


m	α	β		lux	lux
		Max	Med	Max	Med
5.00		8	3		
4.00		13	4		
3.00		23	7		
2.00		52	16		
1.00		210	64		

α = 36.0° + 37.0°      β = 52.0° + 52.0°

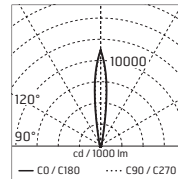


### Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



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



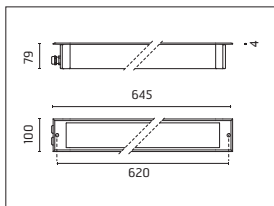
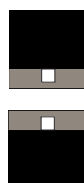
m	lux	
	Max	Med
5.00	637	397
4.00	995	621
3.00	1769	1104
2.00	3980	2484
1.00	15922	9936

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

948312

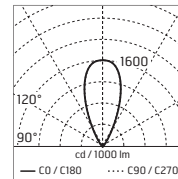
WARM WHITE 3000K  
POWER LEDs  
13,2W/220÷240V  
Total power 16W  
lm LED 1440 ≈ lm OUTPUT 1314  
CRI >80  
Integral electronic power supply

### 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



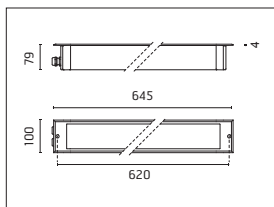
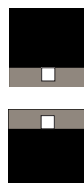
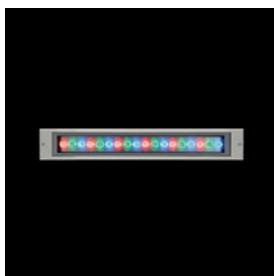
m	lux	
	Max	Med
5.00	80	49
4.00	125	76
3.00	223	135
2.00	502	303
1.00	2007	1213

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

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



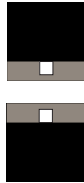
9418713

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

Wiring diagram and installation scheme RGB

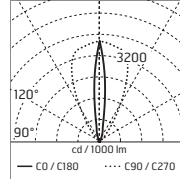
>> See Page 517  
Wiring Diagram n.8

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



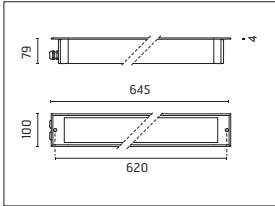
**94186131**

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



m	lux Max	lux Med
5.00	184	113
4.00	287	176
3.00	511	313
2.00	1149	704
1.00	4597	2816

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

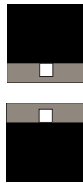


**9483131**

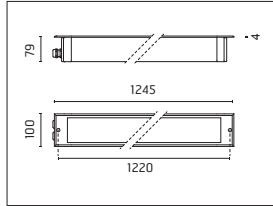
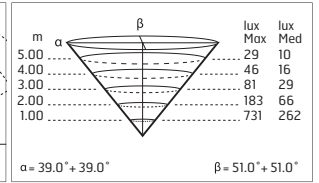
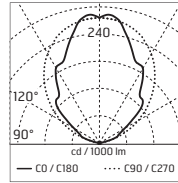
WARM WHITE 3000K  
 POWER LEDs  
 13,2W/220=240V  
 Total power 16W  
 lm LED 1440 = lm OUTPUT 1155  
 CRI >80  
 Integral electronic power supply



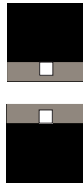
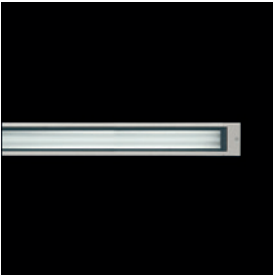
Cielo / L 1245 mm - Transparent Glass - Symmetric Optic



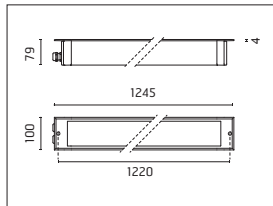
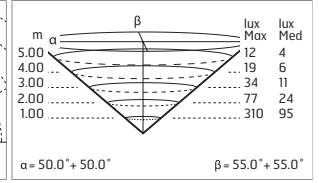
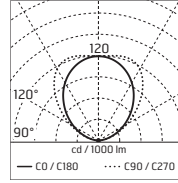
**944813**   
 T16 28W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



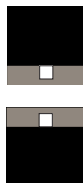
Cielo / L 1245 mm - Sandblasted Glass - Symmetric Optic



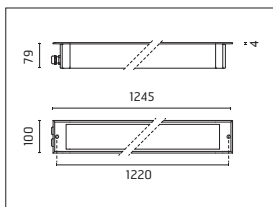
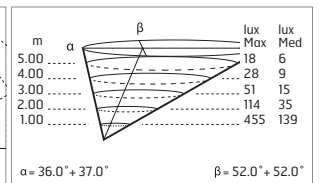
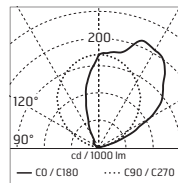
**944857**   
 T16 28W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request



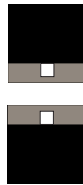
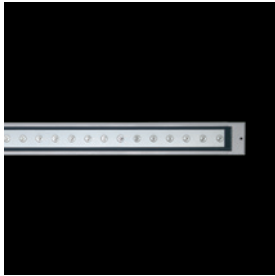
Cielo / L 1245 mm - Transparent Glass - Asymmetric Optic



**944814**   
 T16 28W G5  
 Electronic ballast  
 T 40°C  
 Dimmable ballast on request

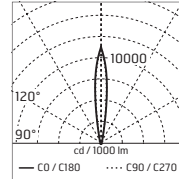


### Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



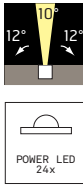
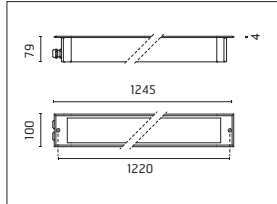
**9418812** **A A+ A++**

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	α	β	lux	
			Max	Med
5.00			1274	795
4.00			1991	1242
3.00			3539	2209
2.00			7964	4970
1.00			31855	19878

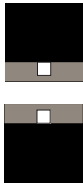
α = 6.0° + 6.0°      β = 6.0° + 6.0°



**948012** **A A+ A++**

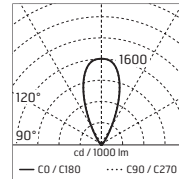
WARM WHITE 3000K  
POWER LEDs  
26,4W/220÷240V  
Total power 32W  
lm LED 2880 ≈ lm OUTPUT 2628  
CRI >80  
Integral electronic power supply

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



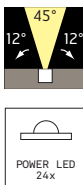
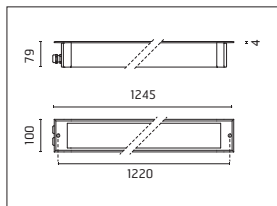
**9418813** **A A+ A++**

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	α	β	lux	
			Max	Med
5.00			161	97
4.00			251	152
3.00			446	270
2.00			1004	607
1.00			4015	2426

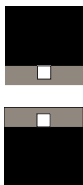
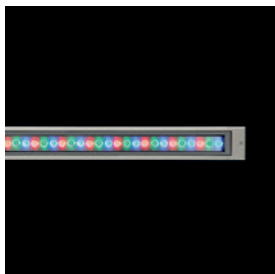
α = 22.0° + 22.0°      β = 22.0° + 22.0°



**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

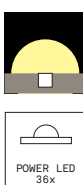
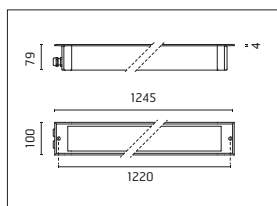


**9418913** **A A+ A++**

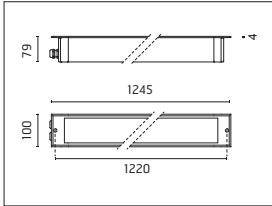
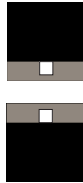
RGB  
POWER LEDs  
40,8W/220÷240V with DMX interface  
Total power 44W  
Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517  
Wiring Diagram n.8

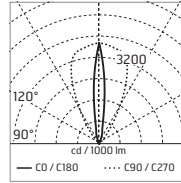


Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Elliptical Beam



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



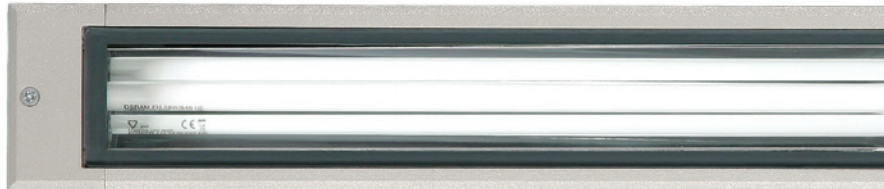
m	lux	
	Max	Med
5.00	368	225
4.00	575	352
3.00	1022	626
2.00	2299	1408
1.00	9194	5632

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

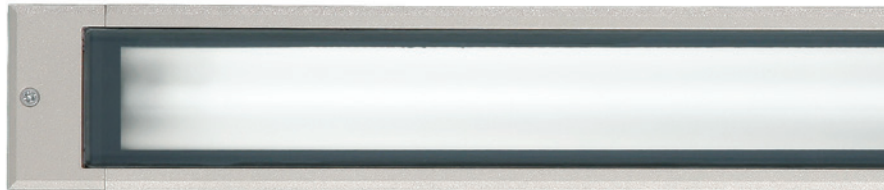
9480131

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

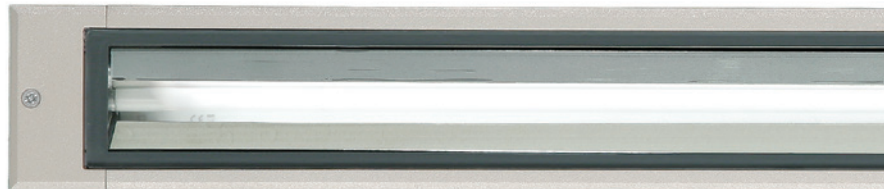
Symmetric Optic - Transparent Glass



Sandblasted Glass

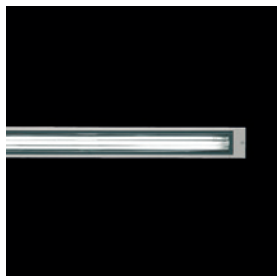


Asymmetric Optic - Transparent Glass



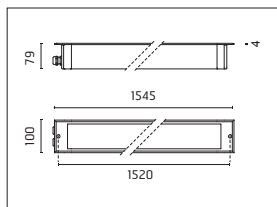
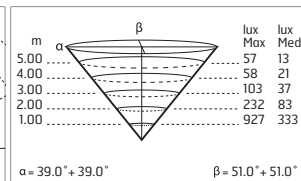
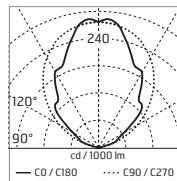


### Cielo / L 1545 mm - Transparent Glass - Symmetric Optic



945413 A+

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

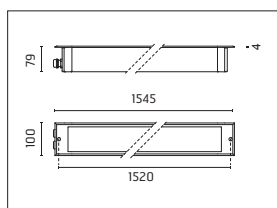
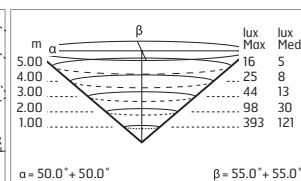
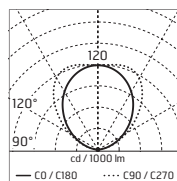


### Cielo / L 1545 mm - Sandblasted Glass - Symmetric Optic



945457 A+

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

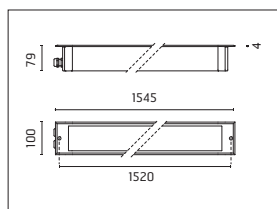
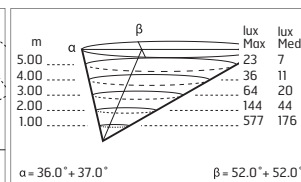
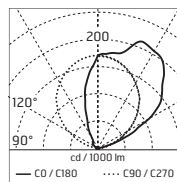


### Cielo / L 1545 mm - Transparent Glass - Asymmetric Optic



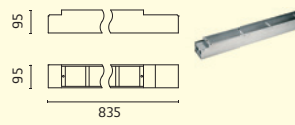
945414 A+

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

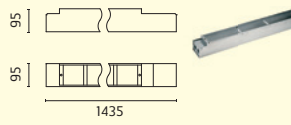


## Accessories: Cielo

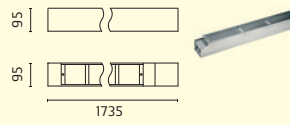
**71**  
BOX FOR INSTALLATION  
835 x 95 H 95mm



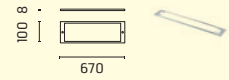
**72**  
BOX FOR INSTALLATION  
1435 x 95 H 95mm



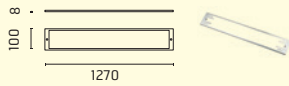
**80**  
BOX FOR INSTALLATION  
1735 x 95 H 95mm



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



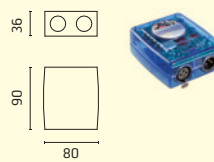
**82**  
FRAME FOR RECESSED INSTALLATION  
IN THE CEILING. 1270 x 100 x H 8mm



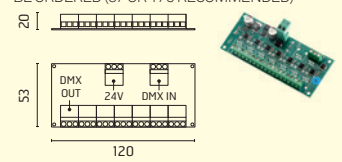
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



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



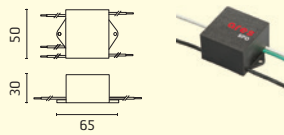
**187**  
DMX SPLITTER - ELECTRONIC DEVICE TO  
REGENERATE THE DMX SIGNAL. 1 INPUT  
AND 7 OUTPUT. 12-24Vdc POWER SUPPLY TO  
BE ORDERED (87 OR 175 RECOMMENDED)



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



**237**  
SPD: (SURGE PROTECTION DEVICE) 275V<sub>ac</sub>  
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		•			•					•