



ARCADIA

- Linear luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium closing ends, EN AB-47100 alloy (low copper content), extruded aluminium structure and zinc-coated steel fixing brackets. Glass diffuser: transparent or sandblasted with silkscreen border, fixed to the aluminium 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 EN60598-1 standards.
- Class of insulation: I; RGB: III
- Installation: the luminaire is equipped with a piece of cable (approx. 500mm) and an M16 cable-gland (4,5mm<math>< \varnothing < 10\text{mm}</math> cables) closed with a removable cap. The electrical components are installed on a removable frame accessible by unscrewing the closing ends. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- 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


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


A+


FLUORESCENT VERSION:
Class A+
T16/G5




 Wall fitting

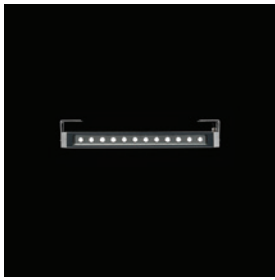
 Ceiling fitting

 The fitting is equipped with 1 cable (500mm) and 1 cable input

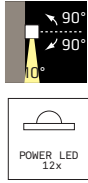
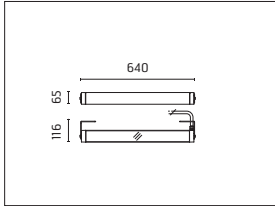
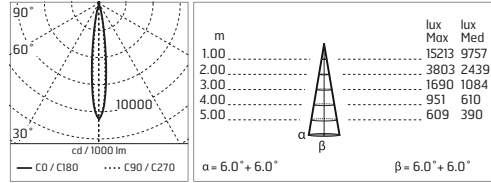
 Remote device for RGB versions

 Protection against impact, IK 07 - 2,00 joule

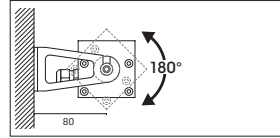
Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



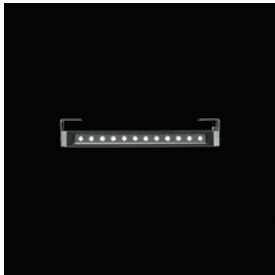
545002
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1423
 CRI>80
 Integral electronic power supply



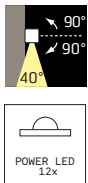
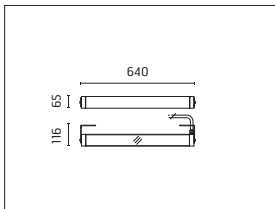
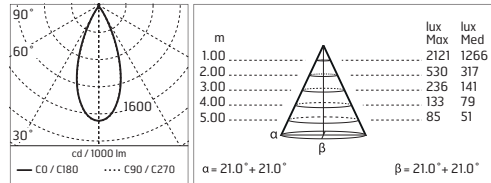
545003
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1314
 CRI>80
 Integral electronic power supply



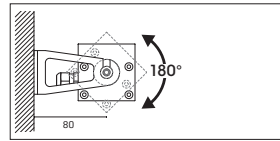
Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°



545005
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1247
 CRI>80
 Integral electronic power supply



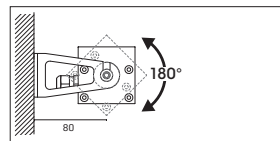
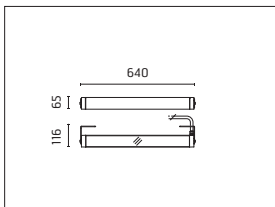
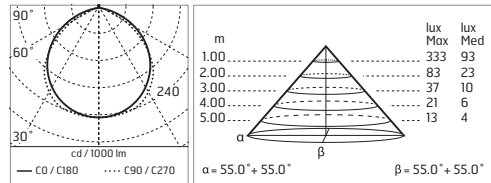
545006
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1151
 CRI>80
 Integral electronic power supply



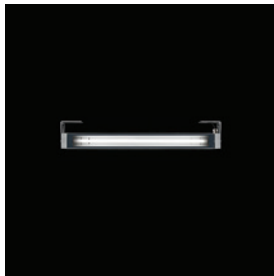
Arcadia640 / With Brackets L 80mm - Transparent Glass - Adjustable



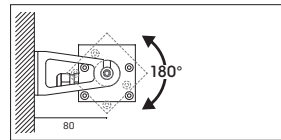
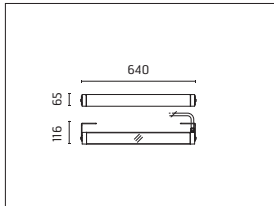
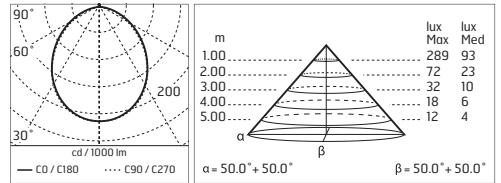
545007
 T16 14W G5
 Electronic ballast



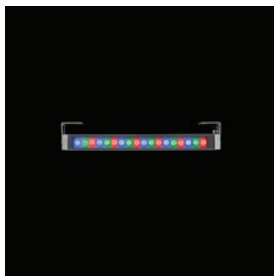
Arcadia640 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545008
 T16 14W G5
 Electronic ballast



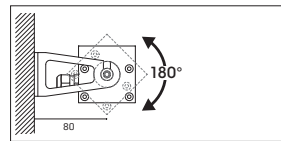
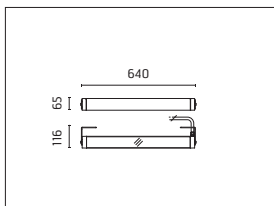
Arcadia640 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable



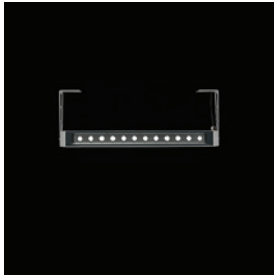
545009
 RGB
 POWER LEDs
 20,4W/48Vdc
 with DMX interface
 Total power 28W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 2 luminaires ARCADIA RGB
 for each code 149

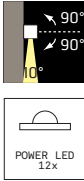
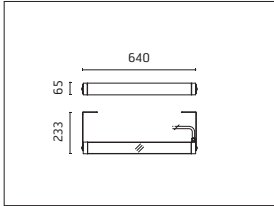
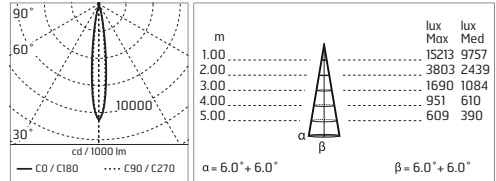
>> See Page 517
 Wiring Diagram n.7



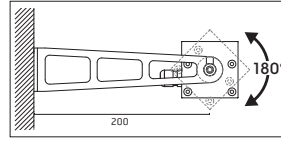
Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545011
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1423
 CRI>80
 Integral electronic power supply



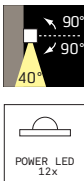
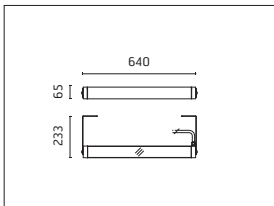
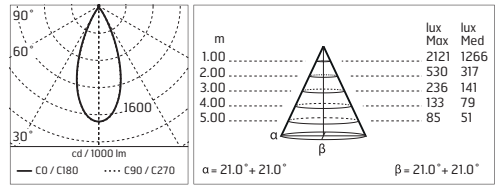
545012
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1314
 CRI>80
 Integral electronic power supply



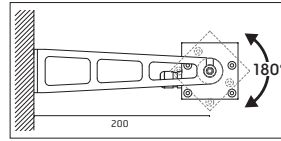
Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



545014
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1247
 CRI>80
 Integral electronic power supply



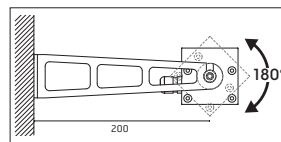
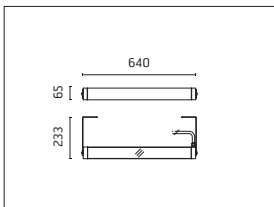
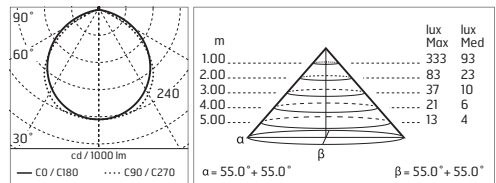
545015
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1151
 CRI>80
 Integral electronic power supply



Arcadia640 / With Brackets L 200mm - Transparent Glass - Adjustable



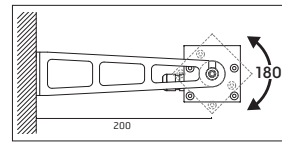
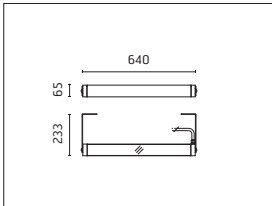
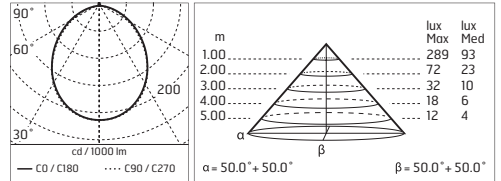
545016
 T16 14W G5
 Electronic ballast



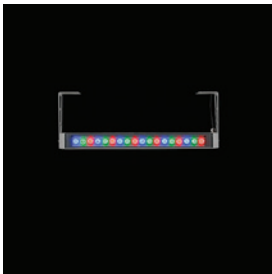
Arcadia640 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545017
 T16 14W G5
 Electronic ballast



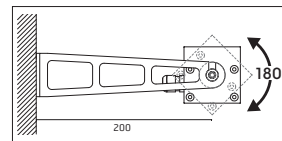
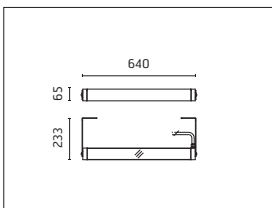
Arcadia640 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545018
 RGB
 POWER LEDs
 20,4W/48Vdc
 with DMX interface
 Total power 28W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 2 luminaires ARCADIA RGB
 for each code 149

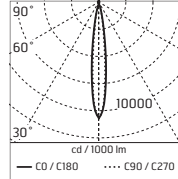
>> See Page 517
 Wiring Diagram n.7



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°

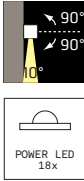
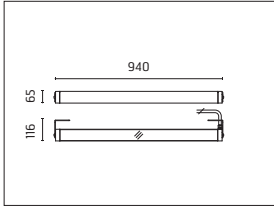


545020
 NATURAL WHITE 4000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≈ Lm OUTPUT 2135
 CRI>80
 Integral electronic power supply

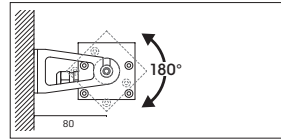


m	lux	
	Max	Med
1.00	22825	14639
2.00	5706	3660
3.00	2536	1627
4.00	1427	915
5.00	913	586

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



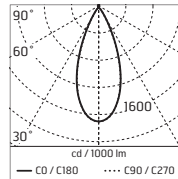
545021
 WARM WHITE 3000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≈ Lm OUTPUT 1971
 CRI>80
 Integral electronic power supply



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°

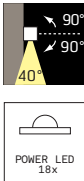
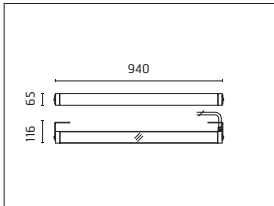


545023
 NATURAL WHITE 4000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≈ Lm OUTPUT 1871
 CRI>80
 Integral electronic power supply

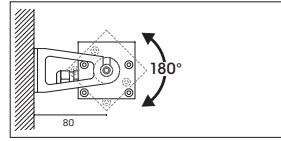


m	lux	
	Max	Med
1.00	3183	1900
2.00	796	475
3.00	354	211
4.00	199	119
5.00	127	76

$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



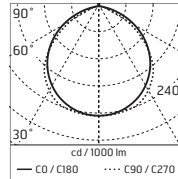
545024
 WARM WHITE 3000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≈ Lm OUTPUT 1726
 CRI>80
 Integral electronic power supply



Arcadia940 / With Brackets L 80mm - Transparent Glass - Adjustable

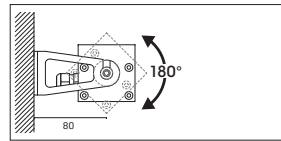
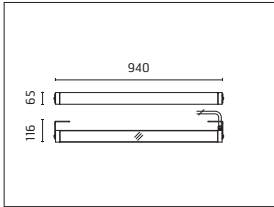


545025
 T16 21W G5
 Electronic ballast



m	lux	
	Max	Med
1.00	468	131
2.00	117	33
3.00	52	15
4.00	29	8
5.00	19	5

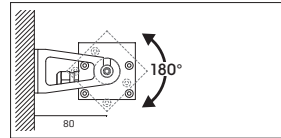
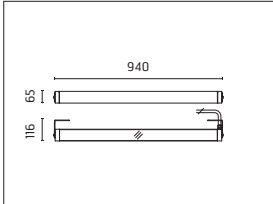
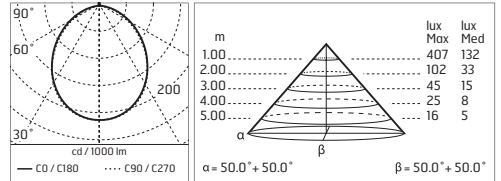
$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$



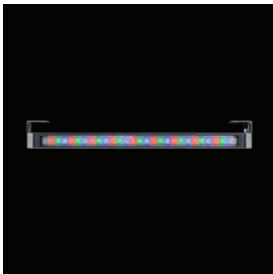
Arcadia940 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545026
 T16 21W G5
 Electronic ballast



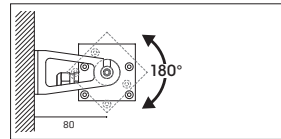
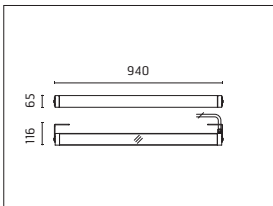
Arcadia940 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable



545027
 RGB
 POWER LEDs
 30,6W/48Vdc
 with DMX interface
 Total power 38W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 1 luminaire ARCADIA RGB
 for each code 149

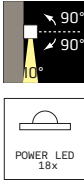
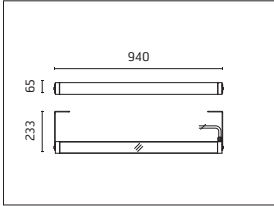
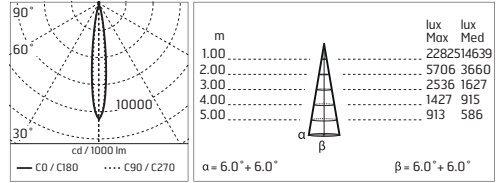
>> See Page 517
 Wiring Diagram n.7



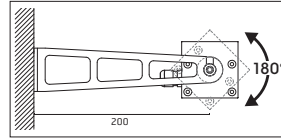
Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545029 **NATURAL WHITE 4000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≠ Lm OUTPUT 2135
 CRI>80
 Integral electronic power supply



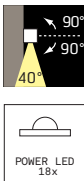
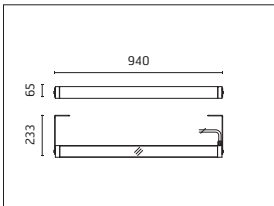
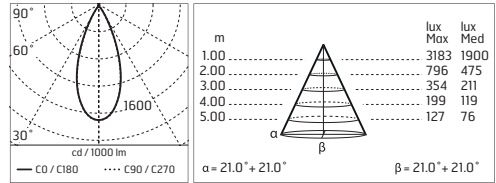
545030 **WARM WHITE 3000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≠ Lm OUTPUT 1971
 CRI>80
 Integral electronic power supply



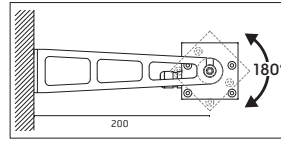
Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



545032 **NATURAL WHITE 4000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≠ Lm OUTPUT 1871
 CRI>80
 Integral electronic power supply



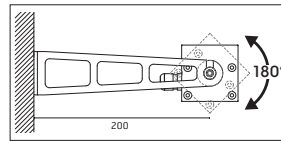
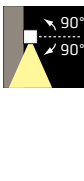
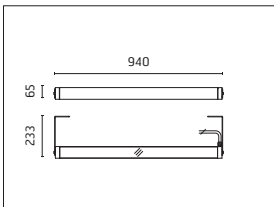
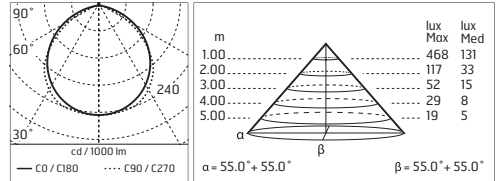
545033 **WARM WHITE 3000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≠ Lm OUTPUT 1726
 CRI>80
 Integral electronic power supply



Arcadia940 / With Brackets L 200mm - Transparent Glass - Adjustable



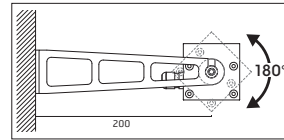
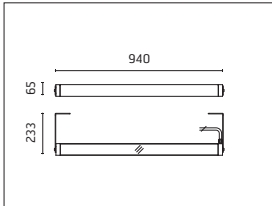
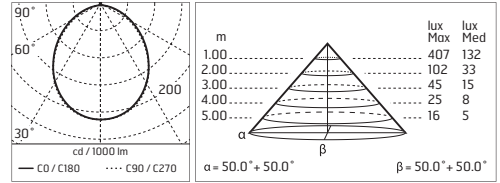
545034 **T16 21W G5**
 Electronic ballast



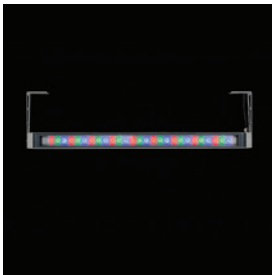
Arcadia940 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545035 A+
T16 21W G5
Electronic ballast



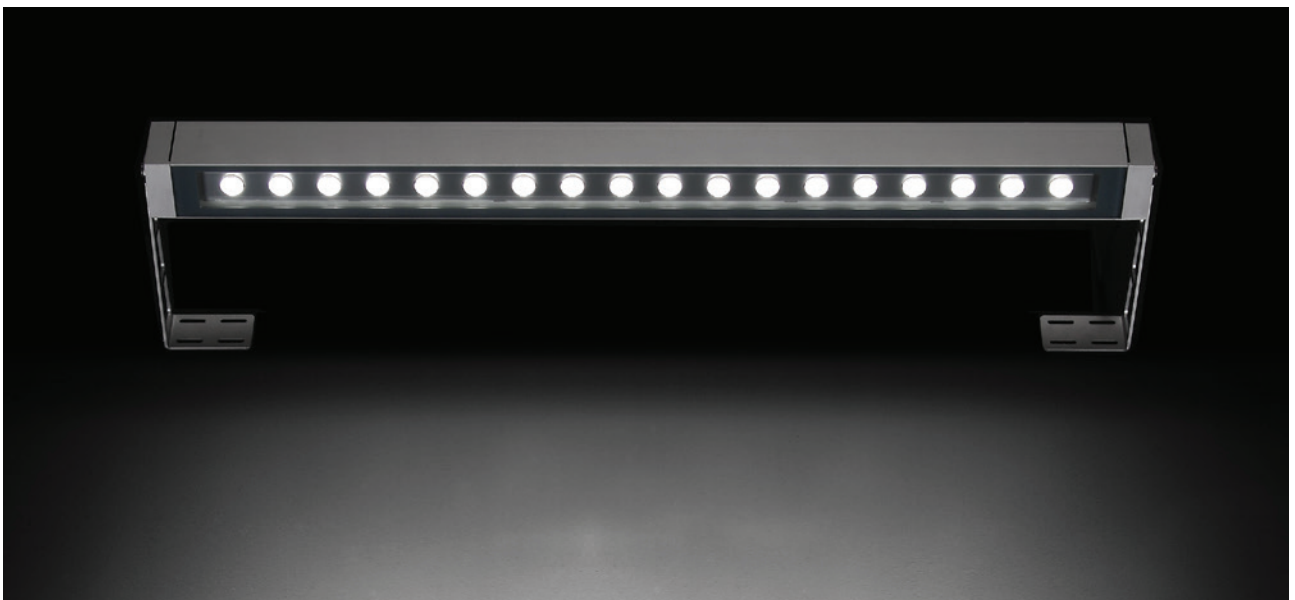
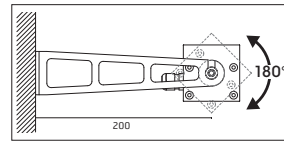
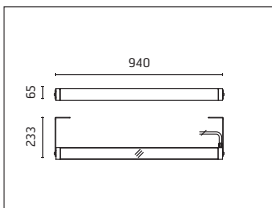
Arcadia940 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



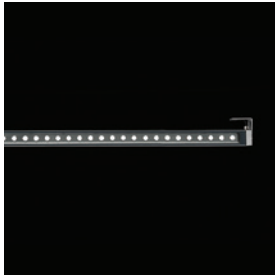
545036 A A+ A++
RGB
POWER LEDs
30,6W/48Vdc
with DMX interface
Total power 38W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB
Max 1 luminaire ARCADIA RGB
for each code 149

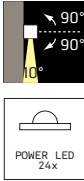
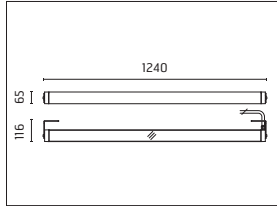
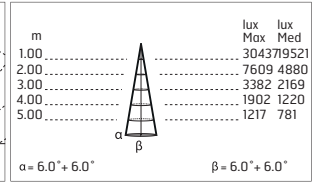
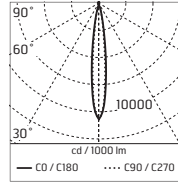
>> See Page 517
Wiring Diagram n.7



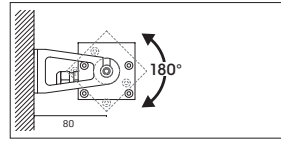
Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



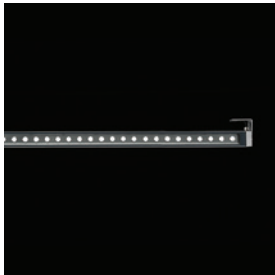
545038
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2847
 CRI>80
 Integral electronic power supply



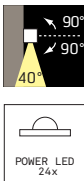
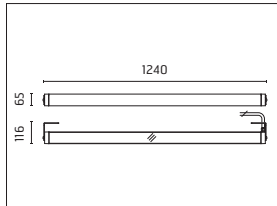
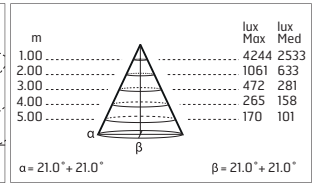
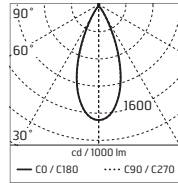
545039
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2628
 CRI>80
 Integral electronic power supply



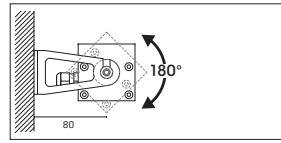
Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°



545041
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2495
 CRI>80
 Integral electronic power supply



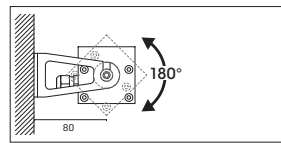
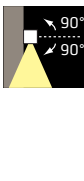
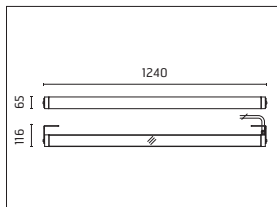
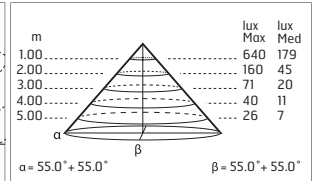
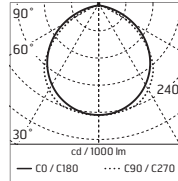
545042
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2303
 CRI>80
 Integral electronic power supply



Arcadia1240 / With Brackets L 80mm - Transparent Glass - Adjustable



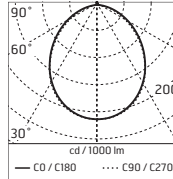
545043
 T16 28W G5
 Electronic ballast



Arcadia1240 / With Brackets L 80mm - Sandblasted Glass - Adjustable

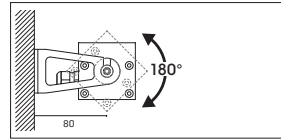
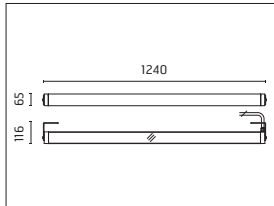


545044
 T16 28W G5
 Electronic ballast

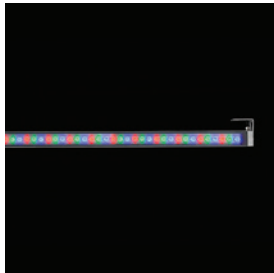


m	lux	
	Max	Med
1.00	557	180
2.00	139	45
3.00	62	20
4.00	35	11
5.00	22	7

$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 50.0^\circ + 50.0^\circ$



Arcadia1240 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable

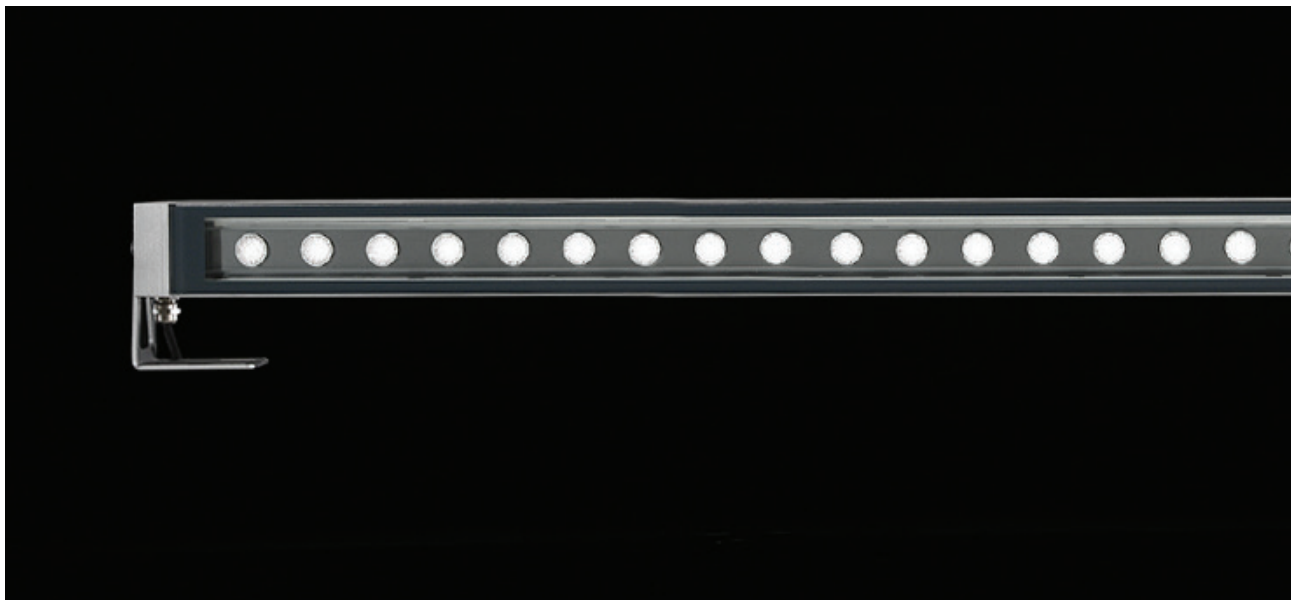
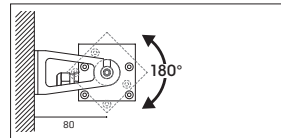
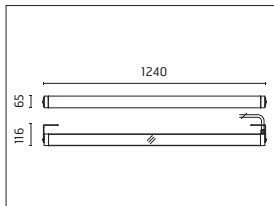


545045
 RGB
 POWER LEDs
 40,8W/48Vdc
 with DMX interface
 Total power 48W
 Remote electronic power supply
 to be ordered

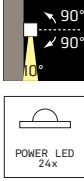
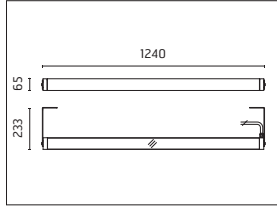
Wiring diagram and installation scheme RGB

Max 1 luminaire ARCADIA RGB
 for each code 149

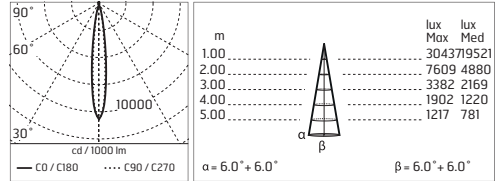
>> See Page 517
 Wiring Diagram n.7



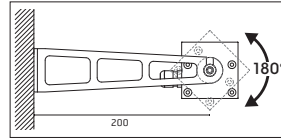
Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



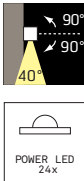
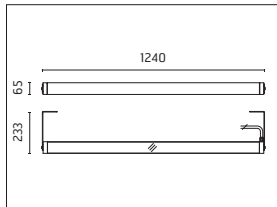
545047
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2847
 CRI>80
 Integral electronic power supply



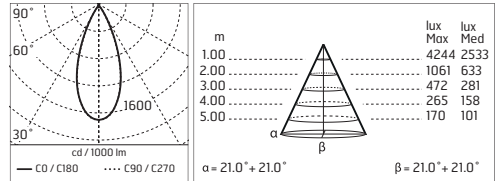
545048
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2628
 CRI>80
 Integral electronic power supply



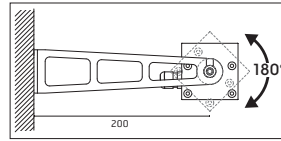
Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



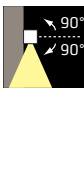
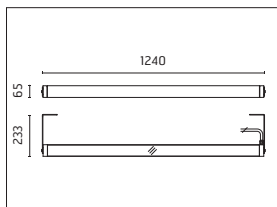
545050
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2495
 CRI>80
 Integral electronic power supply



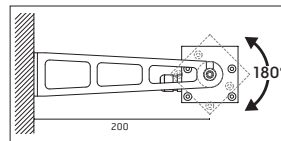
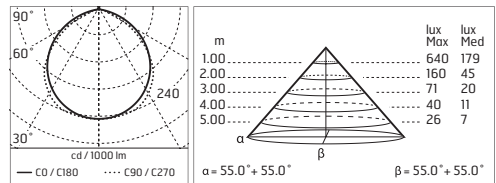
545051
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2303
 CRI>80
 Integral electronic power supply



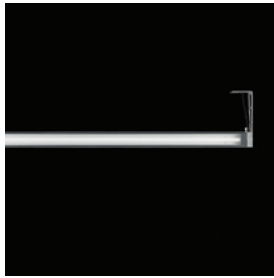
Arcadia1240 / With Brackets L 200mm - Transparent Glass - Adjustable



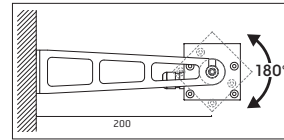
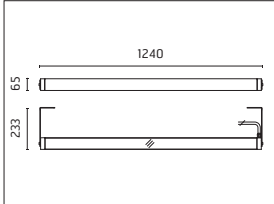
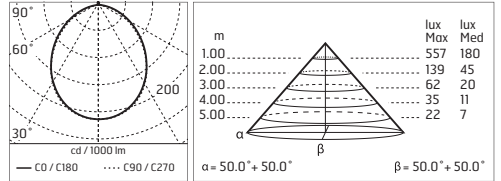
545052
 T16 28W G5
 Electronic ballast



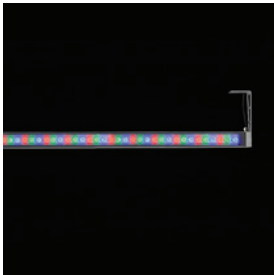
Arcadia1240 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545053
 T16 28W G5
 Electronic ballast



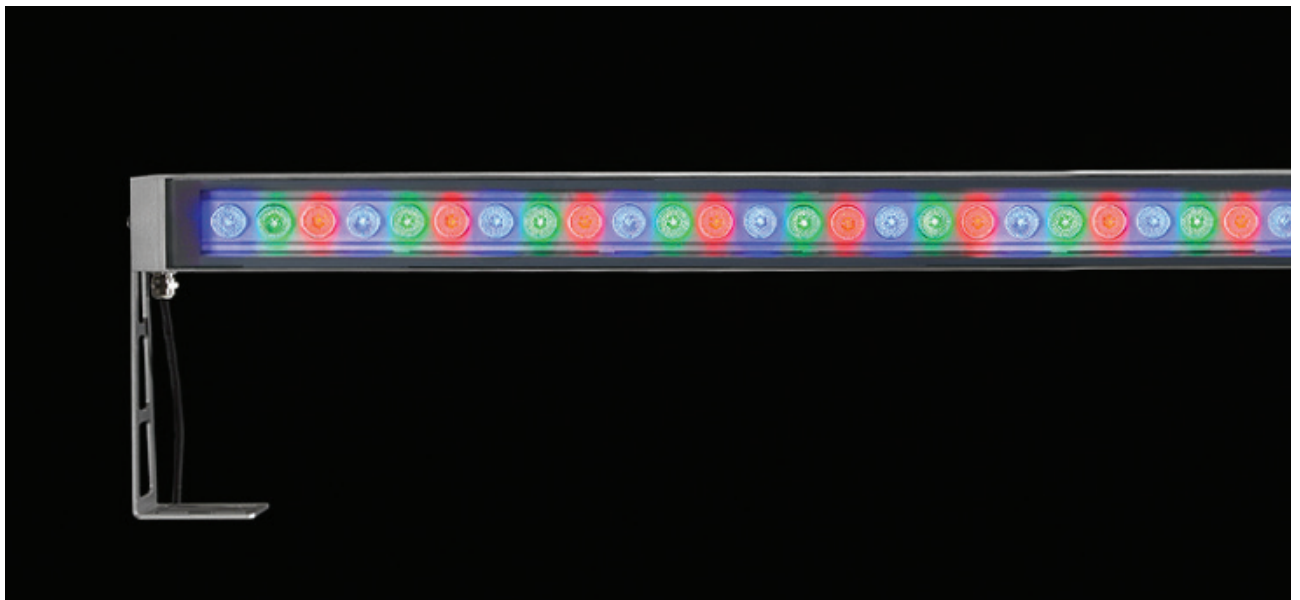
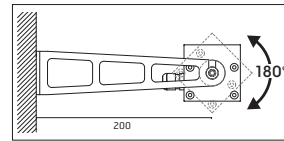
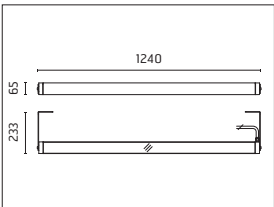
Arcadia1240 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545054
 RGB
 POWER LEDs
 40,8W/48Vdc
 with DMX interface
 Total power 48W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 1 luminaire ARCADIA RGB
 for each code 149

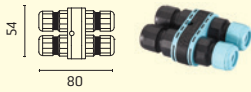
>> See Page 517
 Wiring Diagram n.7



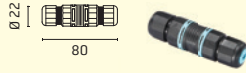


Accessories: Arcadia

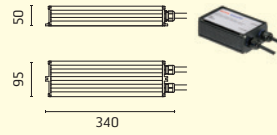
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



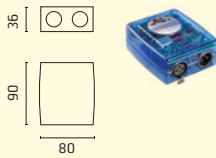
149
POWER SUPPLY 60W/110÷240V - 48Vdc
IP67 CLASS I SELV EQ.



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



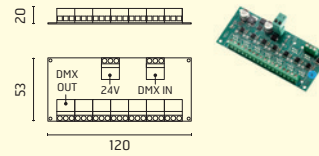
143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



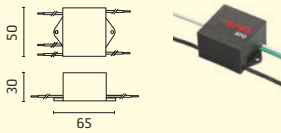
186
DMX CABLE - SHIELDED TWISTED PAIR
WITH 110 Ohm CONSTANT IMPEDANCE.



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)



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



acc. code ▶	215	236	149	142	143	186	187	237
prod. code ▼								
545002	•	•						•
545003	•	•						•
545005	•	•						•
545006	•	•						•
545007	•	•						
545008	•	•						
545009			2	•	•	•	•	
545011	•	•						•
545012	•	•						•
545014	•	•						•
545015	•	•						•
545016	•	•						
545017	•	•						
545018			2	•	•	•	•	
545020	•	•						•
545021	•	•						•
545023	•	•						•
545024	•	•						•
545025	•	•						
545026	•	•						
545027			1	•	•	•	•	

acc. code ▶	215	236	149	142	143	186	187	237
prod. code ▼								
545029	•	•						•
545030	•	•						•
545032	•	•						•
545033	•	•						•
545034	•	•						
545035	•	•						
545036			1	•	•	•	•	
545038	•	•						•
545039	•	•						•
545041	•	•						•
545042	•	•						•
545043	•	•						
545044	•	•						
545045			1	•	•	•	•	
545047	•	•						•
545048	•	•						•
545050	•	•						•
545051	•	•						•
545052	•	•						
545053	•	•						
545054			1	•	•	•	•	

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.