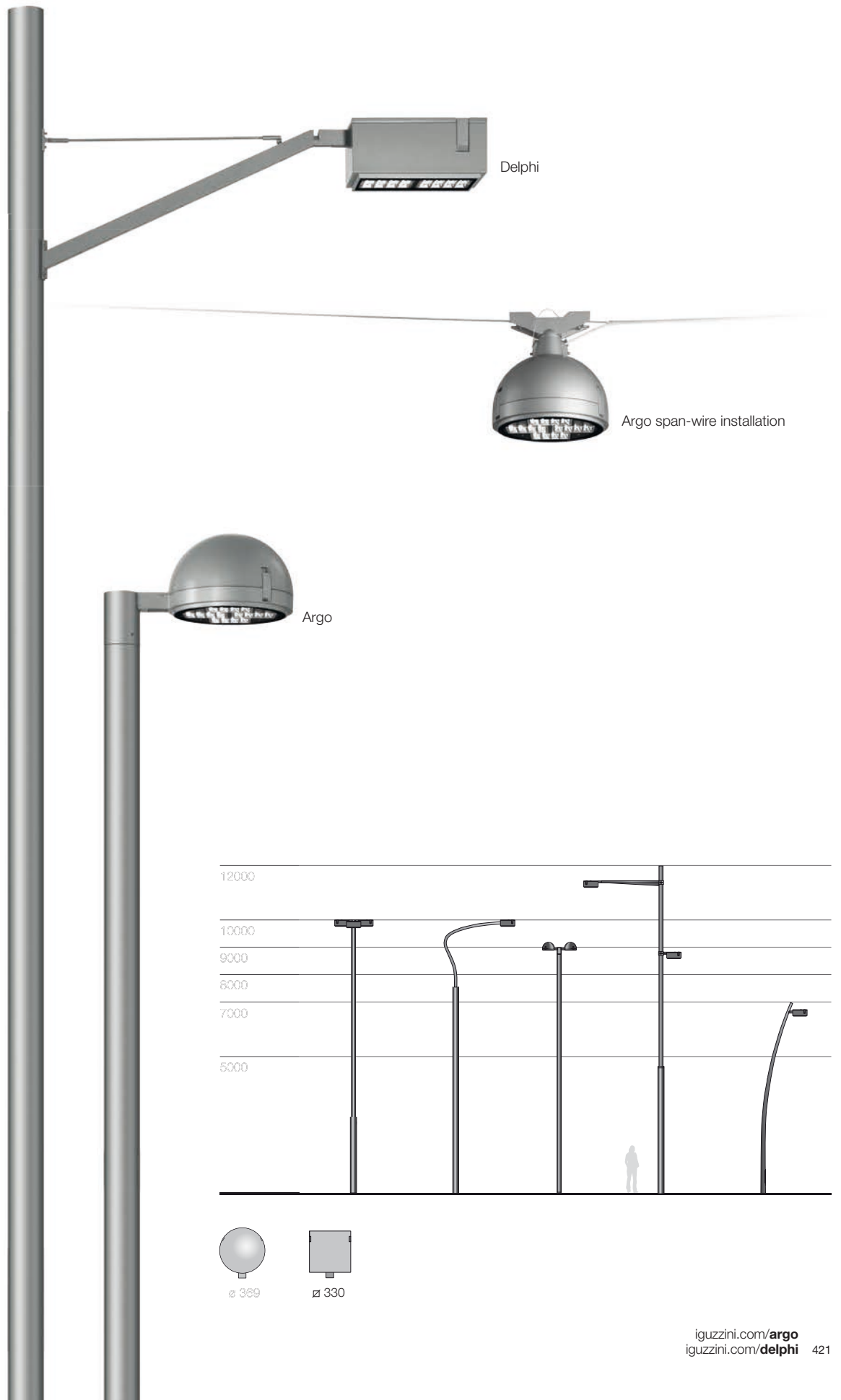


Argo and Delphi



Piazza d'Armi,
Santiago del Chile - Chile
Architectural project:
Rodrigo Pérez de Arce
& Sebastián Bianchi
Lighting Project:
Tallerdos (Ramón López
& Matias López)
Photo: Cristian Barahona M.

Argo and Delphi

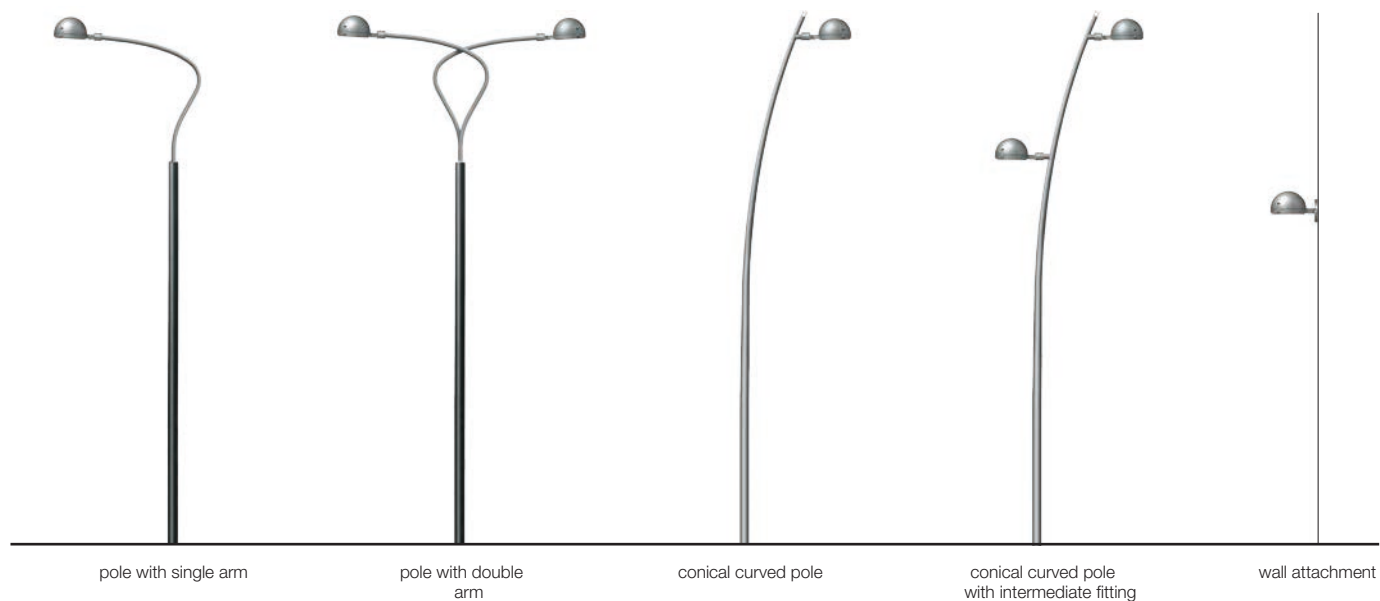
Compositions

Pole-top

Linear arms



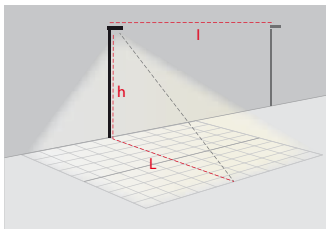
Shaped poles





- Street lighting system for use with LEDs.
- Pole or wall-mounted installation.
- Fitting has an optical assembly, pole, arm (single or double) and pole-top.
- Die-cast aluminium optical assembly and lid; tempered sodium-calcium sealing glass, thickness 5 mm. 50 Shore black silicone gasket; polished anodized reflector made of 99.93% super-pure aluminium.
- Die-cast aluminium pole-top with single and double attachment for poles \varnothing 60, 76, 102, 120 mm, triple \varnothing 102/120 mm.
- Die-cast aluminium lateral attachment for conical poles with diameter from 46 to 76 mm.
- No upwards dispersion of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photo-biological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
 - Fixed Profile 1** at 375mA
 - Fixed Profile 2** at 450mA
 - Fixed Profile 3** at 525mA
 - Profile 4 variable** to 350mA
- Compatibility with telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Shared mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable driver unit and control gear.
- All external screws are in stainless steel.

Optics



$d = L/h$
 h = Installation height
 L = Width of area to be lit
 l = Spacing between poles

ST - Road optics

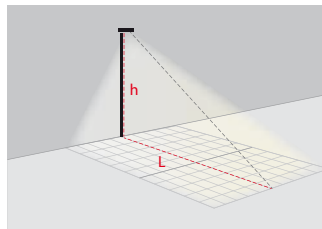
LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4

ST1C
 $l = 3.7h / d = 1$
Intensity Class: G*6

ST0.8C
 $l = 3.7h / d = 0.8$
Intensity Class: G*6



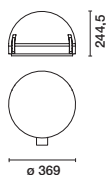
A - Asymmetric optic

LED

A60
 $h = 7 / d = 2$

A45C
 $h = 7 / d = 1.6$

$d = L/h$
 h = Installation height
 L = Width of area to be lit

04
BLACK15
GREY**W min W max lm min lm max code colour****Multipower with midnight recognition****LED**

4000K - CRI 70 - ST1

29W 41W 3210 4220 BL86 04-15**52W 71W 5730 7350 BL87** 04-15

3000K - CRI 70 - ST1

29W 41W 2950 3880 BP26 04-15**52W 71W 5260 6760 BP27** 04-15

4000K - CRI 70 - ST1.2

38W 51W 4139 5269 BL88 04-15**60W 81W 6609 8379 BL89** 04-15

3000K - CRI 70 - ST1.2

38W 51W 3809 4849 BP28 04-15**60W 81W 6079 7699 BP29** 04-15

4000K - CRI 70 - ST0.8C

29W 41W 2980 3930 BL90 04-15

3000K - CRI 70 - ST0.8C

29W 41W 2740 3620 BP30 04-15

4000K - CRI 70 - ST1C

36W 51W 3780 4970 BL91 04-15**58W 81W 6030 7890 BL92** 04-15

3000K - CRI 70 - ST1C

36W 51W 3470 4570 BP31 04-15**58W 81W 5540 7260 BP32** 04-15

4000K - CRI 70 - A60

58W 81W 6320 8280 BL93 04-15

3000K - CRI 70 - A60

58W 81W 5810 7610 BP33 04-15

4000K - CRI 70 - A45C

58W 81W 5880 7700 BL94 04-15

3000K - CRI 70 - A45C

58W 81W 5410 7080 BP34 04-15

The BL87-BL89-BL92-BL93-BL94-BP27-BP29-BP32-BP33-BP34 codes can be used with the Profiles 1-4 at a maximum environment temperature of 40°C and with the Profiles 2-3 at a maximum environment temperature of 25°C. The BL88-BL91-BP28-BP31 codes can be used with the Profiles 1-2-4 at a maximum environment temperature of 40°C and with the Profile 3 at a maximum environment temperature of 25°C.

Multipower DALI**LED**

4000K - CRI 70 - ST1

17W 22W 1640 2150 BP73 04-15

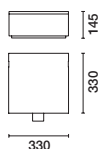
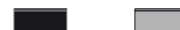
3000K - CRI 70 - ST1

17W 22W 1500 1980 BP76 04-15

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1) and to the profile with maximum output flux (Profile 3).
The values of other profiles can be consulted in the online catalogue: "http://iguzzini.com"

accessories

	code	colour
Polycarbonate screen IK10	BZ43	24 except for BP73-BP76
USB pen profiler Complete with cable and battery	BZX1	04
Programming interface for Multipower, Bi-regime, Multipower DALI	MY92	00



W min W max lm min lm max code colour

Multipower with midnight recognition

LED

4000K - CRI 70 - ST1					
29W	41W	3210	4240	BL77	04-15
52W	71W	5730	7370	BL78	04-15

3000K - CRI 70 - ST1					
29W	41W	2950	3890	BP17	04-15
52W	71W	5270	6780	BP18	04-15

4000K - CRI 70 - ST1.2					
38W	51W	4139	5289	BL79	04-15
60W	81W	6609	8409	BL80	04-15

3000K - CRI 70 - ST1.2					
38W	51W	3809	4859	BP19	04-15
60W	81W	6079	7729	BP20	04-15

4000K - CRI 70 - ST1C					
36W	51W	3780	4980	BL82	04-15
58W	81W	6030	7920	BL83	04-15

3000K - CRI 70 - ST1C					
36W	51W	3470	4580	BP22	04-15
58W	81W	5550	7290	BP23	04-15

4000K - CRI 70 - ST0.8C					
29W	41W	2990	3940	BL81	04-15

3000K - CRI 70 - ST0.8C					
29W	41W	2740	3630	BP21	04-15

4000K - CRI 70 - A60					
58W	81W	6330	8310	BL84	04-15

3000K - CRI 70 - A60					
58W	81W	5820	7640	BP24	04-15

4000K - CRI 70 - A45C					
58W	81W	5890	7730	BL85	04-15

3000K - CRI 70 - A45C					
58W	81W	5410	7110	BP25	04-15

The BL78 - BL80 - BL83 - BL84 - BL85 - BP18 - BP20 - BP23 - BP24 - BP25 codes can be used with the Profiles 1-4 at a maximum environment temperature of 40°C and with the Profiles 2-3 at a maximum environment temperature of 25°C. The BL79 - BL82 - BP19 - BP22 codes can be used with the Profiles 1-2-4 at a maximum environment temperature of 40°C and with the Profile 3 at a maximum environment temperature of 25°C.

Multipower bi-energy with pilot cable

LED

4000K - CRI 70 - ST1					
17W	22W	1640	2150	BU03	04-15

3000K - CRI 70 - ST1					
17W	22W	1500	1980	BU04	04-15

Multipower DALI




LED

4000K - CRI 70 - ST1					
17W	22W	1640	2150	BP72	04-15

3000K - CRI 70 - ST1					
17W	22W	1500	1980	BP75	04-15

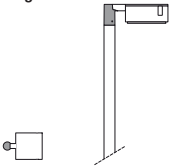
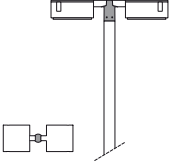
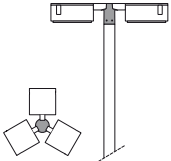
The output lumen and power values of the systems refer to the Profiles with the greatest light efficiency (Profiles 1-4) and to the profile with maximum output flux (Profiles 2-3). The values of other profiles can be consulted in the online catalogue: "http://iguzzini.com"

accessories

	code	colour
 Polycarbonate screen IK10	BZ41	24 except for BU03-BU04 BP72-BP75
 USB pen profiler Complete with cable and battery	BZX1	04
 Programming interface for Multipower, Bi-regime, Multipower DALI	MY92	00

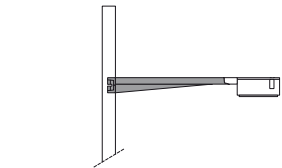
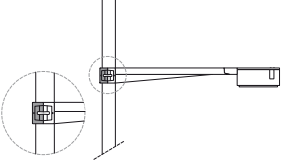
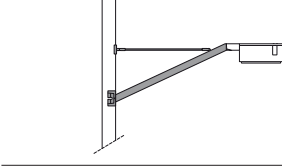
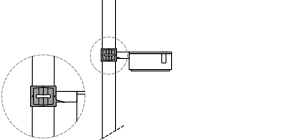
Argo and Delphi

Pole top installation on cylindrical poles

	ø pole coupling	code colour
Single 	60	BD13 04-15
	76	BD15 04-15
	102	BD17 04-15
	120	6120 04-15
Double 	60	BD14 04-15
	76	BD16 04-15
	102	BD18 04-15
	120	6121 04-15
triple 	102	BD19 04-15
	120	6122 04-15

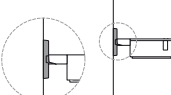


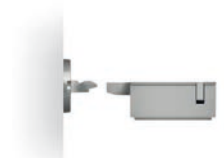
installation with arms on cylindrical poles

	length	ø pole	code colour
linear 	900	102	BZ44 04-15
	900	120	6130 04-15
	1500	102	BZ45 04-15
	1500	120	6131 04-15
	The counter flange must also be ordered in order to secure the arm to the pole.		
counter flange 		102	BZ46 04-15
		120	6132 04-15
	To be ordered to secure the linear arm without tie-rod to the pole. Not required when installing two opposite arms.		
angled with tie-rod 	900	102	BZ48 04-15
	1500	102	6135 04-15
	Can only be used with Argo and Delphi (small body).		
intermediate fitting 		102	BD21 04-15
		120	6123 04-15



Wall-mounted installation

	code colour
wall attachment 	BD20 04-15



Argo and Delphi

cylindrical poles for installation on pole top with 1/2 optical assemblies

	h above ground	ø pole	ø tang	code colour
below ground 	3500	102		* 1203 04-15
	5000	102		1205 04-15
	5000	120		1291 15
	6000	102	76	1518 04-15
	7000	120	102	1519 04-15
	8000	120	102	1520 04-15
	9000	120		1274 15
	9000	194/120		1545 04-15
	10000	194/120		1546 04-15
	12000	194/120		1552 04-15
with plate 	5000	102		1344 04-15
	5000	120		1292 15
	6000	120		1521 04-15
	7000	120	102	1522 04-15
	8000	120	102	1523 04-15
	9000	194/120		1547 04-15
	10000	194/120		1548 04-15
	12000	194/120		1554 04-15

* Cannot be used for installation with the large optical assembly

cylindrical poles for installation on pole top with 3 optical assemblies or with arms

	h above ground	ø pole	code colour	
below ground 	5000	120	1291 15	
	6000	102	1542 04-15	
	7000	102	1543 04-15	
	8000	127/102	1544 04-15	
	9000	194/120	1545 04-15	
	10000	194/120	1546 04-15	
	12000	194/120	1552 04-15	
	with plate 	6000	159/102	1597 04-15
		7000	159/102	1598 04-15
		8000	159/102	1599 04-15
9000		194/120	1547 04-15	
10000		194/120	1548 04-15	
12000		194/120	1554 04-15	

The technical characteristics of the poles are detailed on page 487
Fixing plate with anchor bolts to be ordered separately (page 494)

installation on shaped poles

	ø lateral coupling	code colour
lateral coupling 	46 to 76 mm	BZC9 04-15
decorative tip with LED 	LED Blue	BZC5 01
	LED Neutral white	BZC6 01
	For curved conical poles	

shaped poles

	h above ground	ø pole	ø lateral coupling	code colour
below ground 	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
	6700	160	76	1585 74
	8700	160	76	1588 74
with plate 	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
	6700	160	76	1909 74
	8700	160	76	1910 74
	curved conical			
	6000	147 max	60	1506 15
	6000	147 max	60	* 1508 15
	8000	172 max	60	1507 15
	8000	172 max	60	* 1509 15

* Versions with intermediate fitting

The technical characteristics of the poles are detailed on page 487
Fixing plate with anchor bolts to be ordered separately (page 465)



04
BLACK

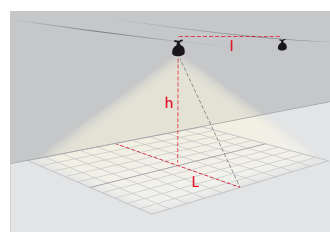


15
GREY



- Street lighting luminaire for use with LEDs.
- Pendant installation.
- Made up of optical assembly and fixing system.
- Die-cast aluminium optical assembly and lid; tempered sodium-calcium sealing glass, thickness 5 mm. 50 Shore black silicone gasket; polished anodized reflector made of 99.93% super-pure aluminium.
- Die-cast aluminium fixing system with wire anchoring system in AISI 304 stainless steel.
- Attached on cables/wires with diameter from 6 to 12 mm.
- Stainless steel anti-fall safety system.
- No upwards dispersion of the light flow.
- Adjustable optical assembly.
- Shared mode surge protection up to 10KV.
- Versions with DALI electronics and bi-regime (100% - 50%).
- Replaceable LED unit.
- Replaceable driver unit and control gear.
- All screws are A2 stainless steel.

optic



STM1 - Pendant Street optic for vehicle traffic

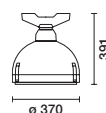
LED **STM1**
 $l = 4h / d = 1$
Intensity Class: G*4



d = L/h
h = Installation height
L = Width of area to be lit
l = Spacing between poles

accessories

	code colour
USB pen profiler Complete with cable and battery	BZX1 04
Programming interface for BU50, BU51, BU52, BU53	MY92 00



W min W max lm min lm max code colour

DALI Multipower

LED

4000K - CRI 70 - STM1
30W 41W 3270 4300 BU50 15

3000K - CRI 70 - STM1
30W 41W 3010 3950 BU51 04-15

Multipower bi-energy with pilot cable

LED

4000K - CRI 70 - STM1
30W 41W 3270 4300 BU52 15

3000K - CRI 70 - STM1
30W 41W 3010 3950 BU53 04-15

Multipower with midnight recognition

LED

4000K - CRI 70 - STM1
58W 81W 6400 8380 BU54 15

3000K - CRI 70 - STM1
58W 81W 5880 7700 BU55 04-15

Bay View Terrace - Claremont, Australia

Architectural project and Design: AECOM Australia Pty Ltd
 Electrical Engineering: AECOM Australia Pty Ltd

Data refer to the light flow emitted by the system.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.