

January 2014

**iRoll 65 - Up/down light wall-mounting 2x(3x1,2W) LED warm white - spot/spot optic****Product code:**

BA92

**Technical description:**

Lighting system with up-down emission designed to use monochromatic Warm White (3100K) LEDs with fixed spot optic. Optical assembly, ceiling base, arm and frame made of diecast aluminium alloy, with acrylic liquid paint treatment with high resistance to atmospheric agents and UV rays; double tempered transparent sodium calcium closing glass, 4 mm thick, siliconed to frame. Provided with fast-coupling closing system between frame, optical assembly and wall arm, without the use of tools. Internal silicone watertight gaskets. Complete with 3+3 monochromatic Warm White (3100K) power LEDs, Spot (S) optics with plastic lens, black polycarbonate multi-groove ring for visual comfort and built-in electronic ballast. Single cable entrance via black polyamide PG11 cable clamp, suitable for  $\varnothing$  6.5÷11 mm cables. Connection with three fast-coupling terminals. Possibility to use unipolar cables with 2.4÷3.4 mm diameter. Various accessories available: refractor for elliptical distribution, diffusing prismatic glass and chromatic filters. All external screws are made of stainless steel A2.

**Installation:**

Wall installation up/down luminous emission.

**Dimension:**

D 78 mm - H 134 mm

**Colour:**

Grey (15)

**Weight [Kg]:**

0,91

**Mounting:**

Wall arm|Wall surface

**Wiring:**

Control gear with 220÷240Vac 50/60Hz electronic ballast.

**Notes:**

Version in insulation class II with outgoing cable on demand. Spare parts for LED circuit and electronic control gear available for extraordinary maintenance.&nbsp;

**Product configuration: BA92+LED**

BA92: Up/down light wall-mounting 2x(3x1,2W) LED warm white - spot/spot optic

LED: LED warm white (nr.3)

**Product characteristics:**

Total lighting output [Lm]: 335.32

Total power [W]: 17.9

Luminous efficacy [Lm/W]: 18.73

Number of optical assemblies: 2

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

**Optical assembly Characteristics 1:**

Light Output Ratio (L.O.R.) [%]: 68

Lamp code: LED

ZVEI Code: LED

Nominal power [W]: 3.8

Nominal luminous [Lm]: 248

Lamp maximum intensity [cd]: /

Beam angle [°]: 8° / 7°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 5.15

Colour temperature [K]: 3200

CRI: 80

Wavelength [Nm]: /

MacAdam Step: /

**Optical assembly Characteristics 2:**

Light Output Ratio (L.O.R.) [%]: 67

Lamp code: LED

ZVEI Code: LED

Nominal power [W]: 3.8

Nominal luminous [Lm]: 248

Lamp maximum intensity [cd]: /

Beam angle [°]: 8° / 7°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 5.15

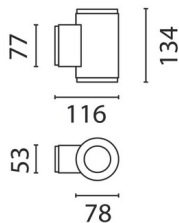
Colour temperature [K]: 3200

CRI: 80

Wavelength [Nm]: /

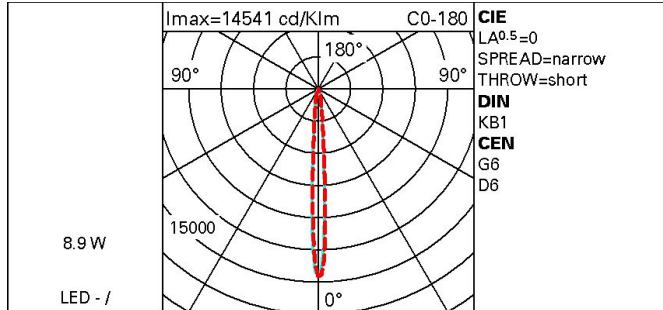
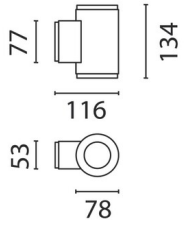
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Complies with EN60598-1 and pertinent regulations



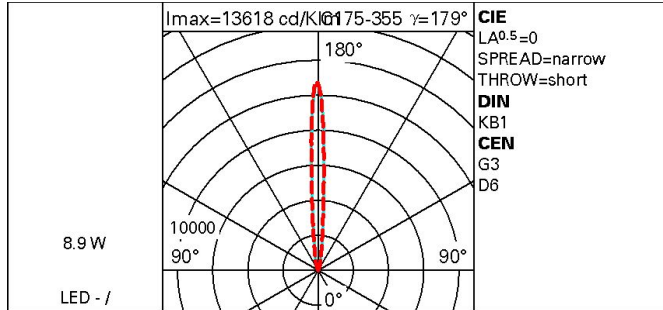
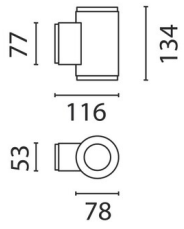
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iRoll 65 - Up/down light wall-mounting 2x(3x1,2W) LED warm white - spot/spot optic



# Linealuce Compact recessed

Design Jean Michel Wilmotte

iGuzzini

January 2014

**Linealuce Compact recessed - Linear Recessed - 20W 1740lm - Warm White LED - electronic control gear 220-240V ac - L=1658 mm - Wall Washer Optic**

**Product code:**  
BM91

**Technical description:**

Direct light luminaire, designed to use monochrome LED lamps. Ground-, wall- and ceiling-recessed. Consists of a body and outer casing for installation, to be ordered separately. Extruded aluminium body, with die-cast aluminium end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. Lower PPS (polyphenylene sulfide) power box. The top of the optical assembly is closed by an 8 mm thick transparent finished glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Washer lighting. The lower box has two PG11 nickel-plated brass cable glands for pass-through wiring, suitable for cables Ø6.5-11 mm. To fix the optical assembly to the outer casing the product has a quick coupling system using Allen keys. Outer casing for installation made of aluminium with technopolymer covers, to be ordered separately. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements. LED Lifetime with residual flow at 80% (L80): >100,000h at Ta 25°C and >100,000h at Ta 40°C.

**Installation:**

Ground- and wall-recessed using the outer casing, to be ordered separately. For ground installation a drainage channel must be created or gravel inserted for drainage under the outer casing before installation, to guarantee the degree of protection stated. For ceiling-mounting with plasterboard panels (1-30 mm thick), make the preparation openings as indicated in the

**Dimension:**

117 x 101mm L= 1658 mm

**Colour:**

Grey (15)

**Weight [Kg]:**

6,9

**Mounting:**

Ceiling recessed|Ground recessed|Wall recessed

**Wiring:**

Equipped with electronic control gear 220-240V ac, 50/60Hz contained in the luminaire. For electrical connection the product has a lower box holding the terminal board (2-pin, max. 6mm<sup>2</sup>) and double cable glands for pass-through wiring.

**Notes:**

Product complete with LED lamp. The frame, glass, optical assembly and outer casing together guarantee a maximum static load resistance of 1000 kg.

**Product configuration: BM91+LED**

BM91: Linear Recessed - 20W 1740lm - Warm White LED - electronic control gear 220-240V ac - L=1658 mm - Wall Washer Optic

LED: LED WARM (nr.18)

**Product characteristics:**

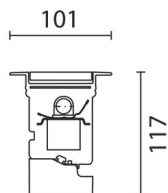
Total lighting output [Lm]: 1111.51  
Total power [W]: 23.8  
Luminous efficacy [Lm/W]: 46.7  
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -

**Optical assembly Characteristics 1:**

Light Output Ratio (L.O.R.) [%]: 64  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 20  
Nominal luminous [Lm]: 1740  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 14° / 25°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 3.8  
Colour temperature [K]: 3000  
CRI: 85  
Wavelength [Nm]: /  
MacAdam Step: /



Complies with EN60598-1 and pertinent regulations



# Linealuce Compact recessed

Design Jean Michel Wilmotte

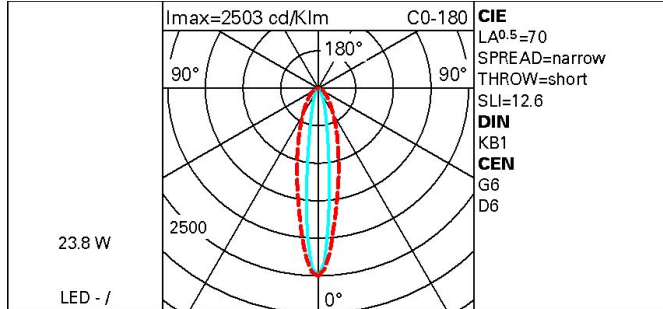
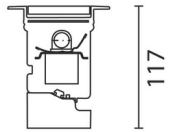
iGuzzini

January 2014

Linealuce Compact recessed - Linear Recessed - 20W 1740lm - Warm White LED - electronic control gear 220-240V ac - L=1658 mm - Wall Washer Optic



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January 2014

**iRound - Ceiling-mounted recessed luminaire with IP66 protection rating, small body, 6x1.3W Warm White LEDs, fixed Flood****Product code:**

BE55

**Technical description:**

Downlighter designed to use metal halide lamps with fixed Flood optic. Consists of a round optical assembly, frame, lateral component holder box and an outer casing to be ordered separately where necessary. The optical assembly and frame are made of aluminium alloy, coated with liquid acrylic paint with a high level of weather and UV ray resistance. The tempered sodium - calcium sealing glass is transparent, with customised serigraphy on the edge, 4mm thick, joined to the frame with silicone. Complete with circuit having 6 monochrome LEDs in Warm White (3100K) colour and Spot (S) optics with plastic lens. Complete with a painted aluminium multi-groove ring. The lateral component holder box and top end cap are made of high performance black plastic; complete with a silicone internal seal to guarantee watertightness. The optical assembly and lateral box are connected by a stainless steel threaded connector with a cable gland rubber gasket for a watertight seal. Set up for pass-through wiring using two PG13.5 grey polyamide cable glands, suitable for cables with diameter 8.5 - 12.5mm. Ceiling-mounting system consists of special A2 stainless steel screws complete with black aluminium alloy and plastic coupling supports. The frame and the caps of the lateral component holder box come complete with A2 stainless steel captive screws. There is a single tool (No. 3 Allen key) for opening the frame, the lateral box cap and for the fixing system. The outer casing for concrete ceilings is made of black-painted ready-galvanised sheet aluminium complete with an end cap and threaded bar.

**Installation:**

Recessed in false ceilings 5 - 50mm thick. Hole for preparation of false ceiling  $\varnothing=125$ mm. Installed on concrete ceilings using an outer casing, to be ordered separately.

**Dimension:**

D=140 H=163 L=300 mm.

**Colour:**

Grey (15)

**Weight [Kg]:**

1,41

**Mounting:**

Ceiling surface

**Wiring:**

Luminaire equipped with electronic ballast 220/240Vac 50/60Hz

**Product configuration: BE55+LED**

BE55: Ceiling-mounted recessed luminaire with IP66 protection rating, small body, 6x1.3W Warm White LEDs, fixed Flood

LED: LED warm white (nr.6)

**Product characteristics:**

Total lighting output [Lm]: 291.48

Total power [W]: 8.9

Luminous efficacy [Lm/W]: 32.75

Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

**Optical assembly Characteristics 1:**

Light Output Ratio (L.O.R.) [%]: 60

Lamp code: LED

ZVEI Code: LED

Nominal power [W]: 7.6

Nominal luminous [Lm]: 486

Lamp maximum intensity [cd]: /

Beam angle [°]: 30°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 1.3

Colour temperature [K]: 3200

CRI: 80

Wavelength [Nm]: /

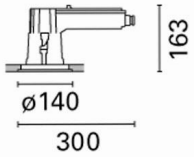
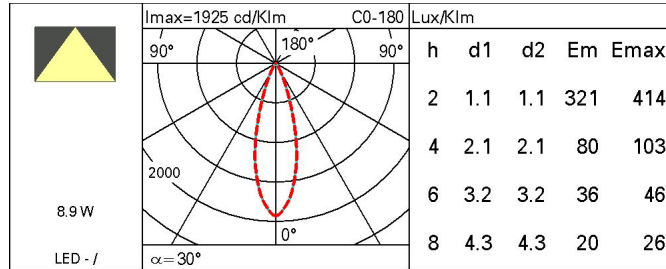
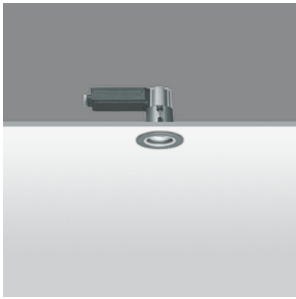
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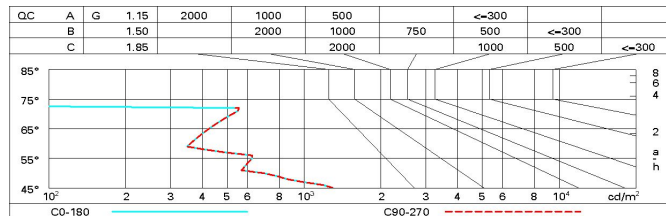


January 2014

iRound - Ceiling-mounted recessed luminaire with IP66 protection rating, small body, 6x1.3W Warm White LEDs, fixed Flood



R	77	75	73	71	55	53	33	00	DRR
K0.8	54	51	49	47	50	48	48	46	77
1.0	56	53	51	50	53	51	51	49	81
1.5	59	57	55	54	56	55	54	53	88
2.0	61	59	58	57	59	58	57	55	92
2.5	62	61	60	59	60	59	59	57	95
3.0	63	62	61	61	61	61	60	58	97
4.0	64	63	63	62	62	62	61	59	99
5.0	64	64	63	63	63	62	61	60	100



January 2014

**Platea - Floodlight with LED warm white - Flood optic****Product code:**

BA47

**Technical description:**

Floodlight for exterior lighting designed for use of monochromatic LED sources, Flood (F) optic. The fitting is made up of a die-cast aluminium body with closing frame. The frame is provided with glass with customised grey serigraphy and silicone in the front to ensure water tightness against water penetration. The body houses 36 Warm White (3100K) monochromatic LEDs, Flood (F) optics with plastic lense, and built-in electronic ballast. Access to the optical assembly is provided by opening the front frame with protection glass and internal silicone gasket. The fitting is ready for through wiring with M24x1.5 double nickel-plated brass cable clamp (for cables with 7÷16mm diameter). Aiming system with screw lock and graduated scale. The luminous flux emitted upwards by the luminaire pointing downwards with 0 angle is null.

**Installation:**

Installed to the wall or into the ground by means of aluminium adjustable support bracket fixed with Fischer screws.

**Dimension:**

431x250 mm - H 147 mm

**Colour:**

Grey (15)

**Weight [Kg]:**

5,45

**Mounting:**

Ground surface|U-bracket|Wall arm|Wall surface

**Wiring:**

Luminaire provided with built-in electronic control gear.

**Notes:**

Available accessories: wall washer screen and baffle.

**Product configuration: BA47+LED**

BA47: Floodlight with LED warm white - Flood optic

LED: LED warm white (nr.36)

**Product characteristics:**

Total lighting output [Lm]: 1682.51

Total power [W]: 44.4

Luminous efficacy [Lm/W]: 37.89

Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

**Optical assembly Characteristics 1:**

Light Output Ratio (L.O.R.) [%]: 61

Lamp code: LED

ZVEI Code: LED

Nominal power [W]: 42

Nominal luminous [Lm]: 2781

Lamp maximum intensity [cd]: /

Beam angle [°]: 28°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 2.4

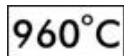
Colour temperature [K]: 3200

CRI: 80

Wavelength [Nm]: /

MacAdam Step: /

Complies with EN60598-1 and pertinent regulations





January 2014

Platea - Floodlight with LED warm white - Flood optic

