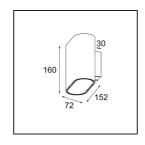


Date	
Customer	
Project	
Туре	

FFD_Duell Wall Up/Down 2x LED 2700K DALI DI Bronze Brushed Anodised - Aluminium Anodised



Duell's gentle curves are sure to give any space a softer touch. This two-colour, LED luminaire invites you to play with combinations. One for the outside, and one for the inside plate. For ceiling-mounted applications, recessed and surface-mounted variants are available. The recessed version has an attractive broad rim, while the surface version also offers a directional variant.





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Light Source Type	Material	11074899		
LED technology CRI Min. 90 Colour Temperature 2700K Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 2 Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Input Voltage Luminaire power (W) LiP Rating 20 Glow wire rating (°C) Glow wire rating (°C) DALI DALI Standard DALI-2 Indoor/Outdoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Gross weight (g) Luminous flux per lamp (Im) Efficacy (Im/W) Ef	Light Source Type	LED		
CRI Min. 90 Colour Temperature 2700K Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 2 Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im/W) 666	LED Type	BRIDGELUX V8G8		
Colour Temperature 2700K Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 2 Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im/W) 666	LED technology	LED COB		
Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 2 Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im/W) 666	CRI	Min. 90		
Lamp Included Yes Number of Light 2 Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Ohject (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im/W) 666	Colour Temperature	2700K		
Number of Light Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im) Efficacy (Im/W) 66	Lifetime	L90B10 @50,000 Hours		
Sources CIE flux code 65 92 99 50 62 Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im) Efficacy (Im/W) 66	Lamp Included	Yes		
Binning (SDCM) 2 Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (Im/W) 666	0	2		
Light Direction Up/Down Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Secondary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (Im/W) 66	CIE flux code	65 92 99 50 62		
Input Voltage 230V Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Binning (SDCM)	2		
Luminaire power (W) 12.0 Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Light Direction	Up/Down		
Electrical Class I IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 666	Input Voltage	230V		
IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Finish Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (Im/W) 666	Luminaire power (W)	12.0		
Glow wire rating (°C) 960 Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Electrical Class	1		
Dimming Protocol DALI DALI Standard DALI-2 Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Secondary Colour & Secondary Finish Gross weight (g) Luminous flux per lamp (lm) Efficacy (lm/W) 66	IP Rating	20		
DALI Standard Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) Luminous flux per lamp (lm) Efficacy (lm/W) 66	Glow wire rating (°C)	960		
Indoor/Outdoor Indoor Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Dimming Protocol	DALI		
Application Wall Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	DALI Standard	DALI-2		
Mounting Surface Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Indoor/Outdoor	Indoor		
Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Application	Wall		
Distance to Lighted Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Mounting	Surface		
Object (m) Primary Colour & Bronze, Brushed Anodised Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66	Adjustability	Not Applicable		
Primary Finish Secondary Colour & Aluminium, Anodised Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) Efficacy (lm/W) 66		0,1		
Secondary Finish Gross weight (g) 1228.0 Luminous flux per lamp (lm) 795 Efficacy (lm/W) 66		Bronze, Brushed Anodised		
Luminous flux per lamp (lm) Efficacy (lm/W) 66		Aluminium, Anodised		
(Im) Efficacy (Im/W) 66	Gross weight (g)	1228.0		
		795		
Glare rating 17	Efficacy (Im/W)	66		
	Glare rating	17		



TM30 & CRI diagram





Light distribution & beam diagram

