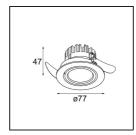


Date	
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Project	
Туре	

FFD\_K 77 Recessed Adjustable 77 1x LED 2700K Medium Trailing Edge RD Donkey Grey Structure



Every project needs a spotlight for general lighting. K is our suggestion for those who like to keep things simple yet flexible. K comes in two sizes, 80 and 89 mm, with a flat or sloping edge, in aluminium, or with a white or black structure. Available with halogen and LED. Choose the directional model for a greater interplay of light and more versatility.





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Light Source Type LED  LED Type BRIDGELUX V8G8  LED technology LED COB  CRI Min. 90  Colour Temperature 2700K  Lifetime L90B10 @50,000 Hours  Lamp Included Yes  Number of Light Sources  CIE flux code 95 100 100 100 87  Binning (SDCM) 2  Light Direction Down  Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (fm)  Efficacy (Im/W) 68  Glare rating 21	Material	14051171
LED technology         LED COB           CRI         Min. 90           Colour Temperature         2700K           Lifetime         L90B10 @50,000 Hours           Lamp Included         Yes           Number of Light         1           Sources         1           CIE flux code         95 100 100 100 87           Binning (SDCM)         2           Light Direction         Down           Optic         Reflector           Measured beam angle (°)         22.5           (°)         Input Voltage           Luminaire power (W)         9.5           Electrical Class         II           IP Rating         20           Glow wire rating (°C)         960           Dimming Protocol         Trailing Edge           Indoor/Outdoor         Indoor           Application         Ceiling, Wall           Mounting         Recessed           Cut-out size (mm)         Ø70           Mounting depth (mm)         60.0           Adjustability         H 360° V -30°/+30°           Distance to Lighted Object (m)         O,1           Primary Colour & Primary Finish         Donkey Grey, Structure           Gross weight (g)	Light Source Type	LED
CRI         Min. 90           Colour Temperature         2700K           Lifetime         L90B10 @50,000 Hours           Lamp Included         Yes           Number of Light         1           Sources         1           CIE flux code         95 100 100 100 87           Binning (SDCM)         2           Light Direction         Down           Optic         Reflector           Measured beam angle (°)         22.5           (°)         Input Voltage           Luminaire power (W)         9.5           Electrical Class         II           IP Rating         20           Glow wire rating (°C)         960           Dimming Protocol         Trailing Edge           Indoor/Outdoor         Indoor           Application         Ceiling, Wall           Mounting         Recessed           Cut-out size (mm)         Ø70           Mounting depth (mm)         60.0           Adjustability         H 360° V -30°/+30°           Distance to Lighted Object (m)         O,1           Primary Colour & Primary Finish         Donkey Grey, Structure           Gross weight (g)         307.0           Luminous flux per lamp (m)	LED Type	BRIDGELUX V8G8
Colour Temperature         2700K           Lifetime         L90B10 @50,000 Hours           Lamp Included         Yes           Number of Light Sources         1           CIE flux code         95 100 100 100 87           Binning (SDCM)         2           Light Direction         Down           Optic         Reflector           Measured beam angle (°)         22.5           (°)         Input Voltage           Luminaire power (W)         9.5           Electrical Class         II           IP Rating         20           Glow wire rating (°C)         960           Dimming Protocol         Trailing Edge           Indoor/Outdoor         Indoor           Application         Ceiling, Wall           Mounting         Recessed           Cut-out size (mm)         Ø70           Mounting depth (mm)         60.0           Adjustability         H 360° V -30°/+30°           Distance to Lighted Object (m)         O,1           Primary Colour & Primary Finish         Primary Finish           Gross weight (g)         307.0           Luminous flux per lamp (lm)         648           Efficacy (lm/W)         68	LED technology	LED COB
Lifetime L90B10 @50,000 Hours  Lamp Included Yes  Number of Light Sources  CIE flux code 95 100 100 100 87  Binning (SDCM) 2  Light Direction Down  Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Dirmiary Finish  Gross weight (g) 307.0  Luminous flux per lamp (Im/W) 68  Efficacy (Im/W) 68	CRI	Min. 90
Lamp Included Yes  Number of Light Sources  CIE flux code 95 100 100 100 87  Binning (SDCM) 2  Light Direction Down  Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (Im/W) 68	Colour Temperature	2700K
Number of Light Sources  CIE flux code 95 100 100 100 87  Binning (SDCM) 2  Light Direction Down  Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (Im/W) 68	Lifetime	L90B10 @50,000 Hours
Sources  CIE flux code 95 100 100 100 87  Binning (SDCM) 2  Light Direction Down  Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (Im/W) 68	Lamp Included	Yes
Binning (SDCM)  Light Direction  Down  Optic  Reflector  Measured beam angle (°)  Input Voltage  Luminaire power (W)  Electrical Class  II  P Rating  Glow wire rating (°C)  Dimming Protocol  Indoor/Outdoor  Application  Ceiling, Wall  Mounting  Recessed  Cut-out size (mm)  Adjustability  H 360° V -30°/+30°  Donkey Grey, Structure  Primary Colour & Primary Finish  Gross weight (g)  Luminous flux per lamp (lm)  Efficacy (Im/W)  68	0	1
Light Direction Down Optic Reflector  Measured beam angle (°) Input Voltage 230V Luminaire power (W) 9.5 Electrical Class II IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol Trailing Edge Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø70 Mounting depth (mm) 60.0 Adjustability H 360° V -30°/+30° Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 307.0 Luminous flux per lamp (lm) Efficacy (Im/W) 68	CIE flux code	95 100 100 100 87
Optic Reflector  Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (Im/W) 68	Binning (SDCM)	2
Measured beam angle (°)  Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Mounting depth (mm) Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish Gross weight (g)  Efficacy (Im/W) 68	Light Direction	Down
Input Voltage 230V  Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge  Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (Im)  Efficacy (Im/W) 68	Optic	Reflector
Luminaire power (W) 9.5  Electrical Class II  IP Rating 20  Glow wire rating (°C) 960  Dimming Protocol Trailing Edge Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (Im)  Efficacy (Im/W) 68		22.5
Electrical Class II IP Rating 20 Glow wire rating (°C) 960 Dimming Protocol Trailing Edge Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø70 Mounting depth (mm) 60.0 Adjustability H 360° V -30°/+30° Distance to Lighted Object (m) Primary Colour & Donkey Grey, Structure Primary Finish Gross weight (g) 307.0 Luminous flux per lamp (Im) Efficacy (Im/W) 68	Input Voltage	230V
Glow wire rating (°C) 960 Dimming Protocol Trailing Edge Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø70 Mounting depth (mm) 60.0 Adjustability H 360° V -30°/+30° Distance to Lighted Object (m) Primary Colour & Donkey Grey, Structure Primary Finish Gross weight (g) 307.0 Luminous flux per lamp (lm) Efficacy (lm/W) 68	Luminaire power (W)	9.5
Glow wire rating (°C) 960  Dimming Protocol Trailing Edge Indoor/Outdoor Indoor  Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted O,1  Object (m)  Primary Colour & Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Electrical Class	II
Dimming Protocol Trailing Edge Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø70 Mounting depth (mm) 60.0 Adjustability H 360° V -30°/+30° Distance to Lighted Object (m) Primary Colour & Donkey Grey, Structure Primary Finish Gross weight (g) 307.0 Luminous flux per lamp (lm) Efficacy (Im/W) 68	IP Rating	20
Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø70 Mounting depth (mm) 60.0 Adjustability H 360° V -30°/+30° Distance to Lighted Object (m) Primary Colour & Donkey Grey, Structure Primary Finish Gross weight (g) 307.0 Luminous flux per lamp (lm) Efficacy (lm/W) 68		960
Application Ceiling, Wall  Mounting Recessed  Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68		Trailing Edge
Mounting Recessed Cut-out size (mm) Ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Indoor/Outdoor	Indoor
Cut-out size (mm) ø70  Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted O,1 Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Application	Ceiling, Wall
Mounting depth (mm) 60.0  Adjustability H 360° V -30°/+30°  Distance to Lighted O,1  Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Mounting	Recessed
Adjustability H 360° V -30°/+30°  Distance to Lighted O,1 Object (m)  Primary Colour & Donkey Grey, Structure  Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Cut-out size (mm)	ø70
Distance to Lighted Object (m)  Primary Colour & Donkey Grey, Structure Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Mounting depth (mm)	60.0
Object (m)  Primary Colour & Donkey Grey, Structure Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	Adjustability	H 360° V -30°/+30°
Primary Finish  Gross weight (g) 307.0  Luminous flux per lamp (lm)  Efficacy (lm/W) 68	_	0,1
Luminous flux per lamp (lm)  Efficacy (lm/W) 68		Donkey Grey, Structure
(Im) Efficacy (Im/W) 68	Gross weight (g)	307.0
		648
Glare rating 21	Efficacy (lm/W)	68
	Glare rating	21

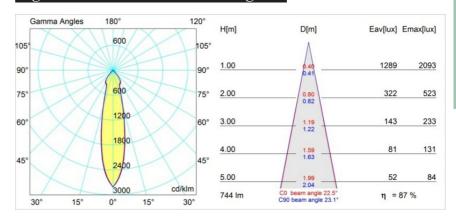


## TM30 & CRI diagram



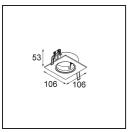


## Light distribution & beam diagram

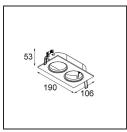




## Decorative Accessories

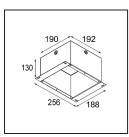


**14052009** K-Set 77 1x White Structure K-Set 77 1x Black Structure

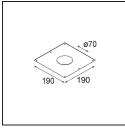


**14052109** K-Set 77 2x White Structure **K-Set** 77 2x Black Structure

## Installation Accessories



**10889830** Installation Housing 192x190x130



**12290130** Plaster Kit 190X190 - 70 1x

Choose a required accessory