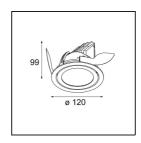


Date
Customer
Project
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K 120 Recessed Adjustable 120 1x LED 2700K Medium DE Black Structure



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.





Specifications

Light Source Type LED LED Type LUMILED 1205 GEN 3 LED technology LED COB CRI Min. 90 Colour Temperature 2700K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle 23.3 (°) Input Voltage Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) 20.0 Adjustability H 359° V 45° Distance to Lighted 0,1 Object (m) Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (vf)	Material	13340132				
LED technology LED COB CRI Min. 90 Colour Temperature 2700K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle (°) 23.3 (°) Input Voltage Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted 0,1 Object (m) Black, Structure Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min.	Light Source Type	LED	LED			
CRI Min. 90 Colour Temperature 2700K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle (°) 23.3 (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9	LED Type	LUMILED 1205 GEN 3				
Colour Temperature 2700K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle (°) 23.3 (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward volta	LED technology	LED COB				
Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 5ources Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	CRI	Min. 90				
Lamp Included Yes Number of Light Sources Binning (SDCM) 3 Light Direction Optic Reflector Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	Colour Temperature	2700K				
Number of Light Sources	Lifetime	L80B20 @50,000 Hours				
Binning (SDCM) 3 Light Direction Down Optic Reflector Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	Lamp Included	Yes				
Light Direction Optic Reflector Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) Af8.0 Drive current (mA) Min. forward voltage (Vf) Jist, 36,8 38,3 Connected load (W) Indoor Agflection Required III III III III III III III III III I	0	1				
Optic Reflector Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	Binning (SDCM)	3	3			
Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	Light Direction	Down				
Input Voltage Constant Current Driver Required Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) Efficacy (Im/W) 101 94 84	Optic	Reflector				
Electrical Class III IP Rating 20 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted O,1 Object (m) Primary Colour & Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp 1186 1608 2105 (Im) Efficacy (Im/W) 101 94 84	0	23.3				
IP Rating	Input Voltage	Constant Current Driver Required				
Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp 1186 1608 2105 (Im) Efficacy (Im/W) 101 94 84	Electrical Class	III				
Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) Drive current (mA) 350 500 T00 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) Efficacy (lm/W) 101 94 84	IP Rating	20				
Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted O,1 Object (m) Primary Colour & Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) Efficacy (lm/W) 101 94 84	Glow wire rating (°C)	960				
Mounting Recessed Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Indoor/Outdoor	Indoor				
Cut-out size (mm) Ø114 Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Application	Ceiling, Wall				
Mounting depth (mm) 200.0 Adjustability H 359° V 45° Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Mounting	Recessed				
Adjustability H 359° V 45° Distance to Lighted O,1 0,1 Object (m) Black, Structure Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) 1186 1608 2105 (Im) Efficacy (Im/W) 101 94 84		ø114				
Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Mounting depth (mm)					
Object (m) Primary Colour & Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) 1186 1608 2105 (Im) Efficacy (Im/W) 101 94 84	Adjustability	H 359° V 45°				
Primary Finish Gross weight (g) 468.0 Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 (lm) Efficacy (lm/W) 101 94 84		0,1				
Drive current (mA) 350 500 700 Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) 1186 1608 2105 Efficacy (Im/W) 101 94 84		Black, Structure				
Min. forward voltage (Vf) 30,9 31,9 33,2 Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Gross weight (g)	468.0				
Max. forward voltage (Vf) 35,7 36,8 38,3 Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) 1186 1608 2105 Efficacy (Im/W) 101 94 84	Drive current (mA)	350	500	700		
Connected load (W) 11,7 17,2 25,0 Luminous flux per lamp (Im) 1186 1608 2105 Efficacy (Im/W) 101 94 84	Min. forward voltage (Vf)	30,9	31,9	33,2		
Luminous flux per lamp (lm) 1186 1608 2105 Efficacy (lm/W) 101 94 84	Max. forward voltage (Vf)	35,7	36,8	38,3		
(Im) Efficacy (Im/W) 101 94 84	Connected load (W)	11,7	17,2	25,0		
	· ·	1186	1608	2105		
Glare rating 17 18 10	Efficacy (Im/W)	101	94	84		
Gial Grauling 17 10 19	Glare rating	17	18	19		

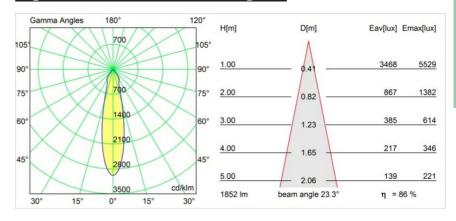


TM30 & CRI diagram



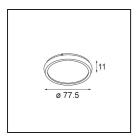


Light distribution & beam diagram





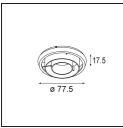
Optical Accessories



10216903 Spreadlens 80



10212802 Honeycomb 80 Black Matt



10217002 Crossblade 80 Black Matt

Choose a required accessory