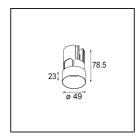


Date	
Customer	
Project	
Туре	

Minude Out Recessed 49 23 1x IP54 LED 2700K Spot DE Silver Bronze Brushed Anodised



Minude's yogic flexibility will surprise you about as much as its bare, cylindrical design. Express a refined and minimalistic look & feel on walls, on high or low ceilings. Try more than one Minude on our Pista track or on our redesigned Modupoint LED. Its long string of colours and miniature size will make a big impression.





Spec	ifications

LED Type CITIZEN CLU7A3 LED technology LED COB CRI Min. 90 Colour Temperature 2700K Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 1 Sources CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (") Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (tm) Efficacy (Im/W) 49 45 Glare rating 3 4	Material	13710484				
LED technology	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 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) 16.0 (°) Input Voltage Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) 444 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) 0,1 Primary Colour & Primary Finish Silver Bronze, Brushed Anodised Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf)	LED Type	CITIZEN CLU7A3				
Colour Temperature 2700K Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light 1 Sources CIE flux code CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) 16.0 (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceilling, Wall Mounting Recessed Cut-out size (mm) 844 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 <td>LED technology</td> <td colspan="4">LED COB</td>	LED technology	LED COB				
Lifetime L90B10 @50,000 Hours Lamp Included Yes Number of Light Sources CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 13,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (Im/W) 49 45	CRI	Min. 90				
Lamp Included Yes Number of Light Sources CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Frinch Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (Im/W) 49 45	Colour Temperature	2700K				
Number of Light Sources CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	Lifetime	L90B10 @50,000 Hours				
Sources CIE flux code 99 100 100 100 41 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (Im/W) 49 45	Lamp Included	Yes				
Binning (SDCM) Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (Im/W) 49 45	_	1				
Light Direction Down Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	CIE flux code	99 100 100 100 41				
Optic Lens Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	Binning (SDCM)	2				
Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im)W) 49 45	Light Direction	Down				
(°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	Optic	Lens				
Electrical Class III IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	0	16.0				
IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceilling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (Im/W) 49 45	Input Voltage	Constant Current Driver Required				
Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	Electrical Class	III				
Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	IP Rating	54				
Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) Efficacy (Im/W) 49 45	Glow wire rating (°C)	960				
Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	Indoor/Outdoor					
Cut-out size (mm) Ø44 Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	Application	Ceiling, Wall				
Mounting depth (mm) 80.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	Mounting	Recessed				
Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (1m) Efficacy (Im/W) 49 45	Cut-out size (mm)	ø44				
Distance to Lighted Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (lm) Efficacy (lm/W) 49 45	Mounting depth (mm)	80.0				
Object (m) Primary Colour & Silver Bronze, Brushed Anodised Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp 203 274 (lm) Efficacy (lm/W) 49 45	Adjustability	Not Applicable				
Primary Finish Gross weight (g) 186.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) 203 274 (Im) 49 45		0,1				
Drive current (mA) 350 500 Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) 203 274 (Im) 49 45		Silver Bron	nze, Brushed Anodised			
Min. forward voltage (Vf) 11,2 11,2 Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp 203 274 (Im) Efficacy (Im/W) 49 45	Gross weight (g)	186.0				
Max. forward voltage (Vf) 13,2 13,2 Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) 203 274 Efficacy (Im/W) 49 45	Drive current (mA)	350	500			
Connected load (W) 4,1 6,1 Luminous flux per lamp (Im) 203 274 Efficacy (Im/W) 49 45	Min. forward voltage (Vf)	11,2	11,2			
Luminous flux per lamp (Im) 203 274 Efficacy (Im/W) 49 45	Max. forward voltage (Vf)	13,2	13,2			
(Im) Efficacy (Im/W) 49 45	Connected load (W)	4,1	6,1			
	· ·	203	274			
Glare rating 3 4	Efficacy (Im/W)	49	45			
	Glare rating	3	4			



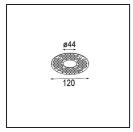
TM30 & CRI diagram



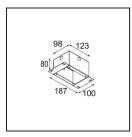




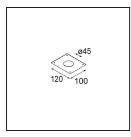
Installation Accessories



12293730 Plaster Kit 44 1x



10889530 Installation Housing 123x100x80



12290730 Plaster Kit 100x120-45 1x

Choose a required accessory