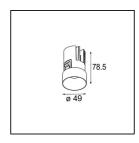


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Minude Recessed Trimless 49 1x IP54 LED 2700K Medium DE Black Structure



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.





Material	Specifications				
LED Type BRIDGELUX V6 HD G7 LED technology LED COB CRI Min. 90 Colour Temperature 2700K Lifetime L80B10 @50,000 Hours Lamp Included Yes Number of Light Sources CIE flux code 100 100 100 100 100 61 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) 29.0 (°) 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Optical Composition of the primary Finish Black, Structure Primary Colour & Primary Finish Black, Structure Gross weight (g)		13640032			
LED technology	Light Source Type	LED			
CRI Min. 90 Colour Temperature 2700K Lifetime L80B10 @50,000 Hours Lamp Included Yes Number of Light 1 Sources 100 100 100 100 100 61 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle (°) 29.0 (°) 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2	LED Type	BRIDGELUX V6 HD G7			
Colour Temperature 2700K Lifetime L80B10 @50,000 Hours Lamp Included Yes Number of Light 1 Sources 100 100 100 100 100 61 Binning (SDCM) 2 Light Direction Down Optic Lens Measured beam angle 29.0 (°) 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Black, Structure Primary Colour & Primary Finish Black, Structure Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8	LED technology	LED COB			
Lifetime L80B10 @50,000 Hours Lamp Included Yes Number of Light Sources CIE flux code 100 100 100 100 61 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	CRI	Min. 90			
Lamp Included Yes Number of Light Sources CIE flux code 100 100 100 100 61 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Colour Temperature	2700K			
Number of Light Sources CIE flux code 100 100 100 100 61 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Lifetime	L80B10 @50,000 Hours			
Sources CIE flux code 100 100 100 100 61 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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Lamp Included	Yes			
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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69		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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	CIE flux code	100 100 100 100 61			
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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im/W) 76 69	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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im/W) 76 69	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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	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) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69		29.0			
IP Rating 54 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im/W) 76 69	Input Voltage	Constant Current Driver Required			
Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Electrical Class	III			
Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm)	IP Rating	54			
Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (lm) Efficacy (lm/W) 76 69	Glow wire rating (°C)	960			
Mounting Recessed Cut-out size (mm) Ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (lm) Efficacy (lm/W) 76 69	Indoor/Outdoor	Indoor			
Cut-out size (mm) ø79 for use with recessed or concrete ring Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (lm) Efficacy (lm/W) 76 69	Application	Ceiling, Wall			
Mounting depth (mm) 100.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (lm) Efficacy (lm/W) 76 69	Mounting	Recessed			
Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Cut-out size (mm)	ø79 for use with recessed or concrete ring			
Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) Efficacy (Im/W) 76 69	Mounting depth (mm)	100.0			
Object (m) Primary Colour & Primary Finish Black, Structure Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) 435 587 (Im) 76 69	Adjustability	Not Applica	able		
Primary Finish Gross weight (g) 190.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) 435 587 (Im) 76 69	_	0,1			
Drive current (mA) 350 500 Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) 435 587 Efficacy (Im/W) 76 69		Black, Stru	ucture		
Min. forward voltage (Vf) 14,8 15,2 Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp 435 587 (Im) Efficacy (Im/W) 76 69	Gross weight (g)	190.0			
Max. forward voltage (Vf) 18,0 18,6 Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) 435 587 Efficacy (Im/W) 76 69	Drive current (mA)	350	500		
Connected load (W) 5,7 8,5 Luminous flux per lamp (Im) 435 587 Efficacy (Im/W) 76 69	Min. forward voltage (Vf)	14,8	15,2		
Luminous flux per lamp (Im) 435 587 Efficacy (Im/W) 76 69	Max. forward voltage (Vf)	18,0	18,6		
(Im) Efficacy (Im/W) 76 69	Connected load (W)	5,7	8,5		
		435	587		
Glare rating 1 1	Efficacy (Im/W)	76	69		
	Glare rating	1	1		

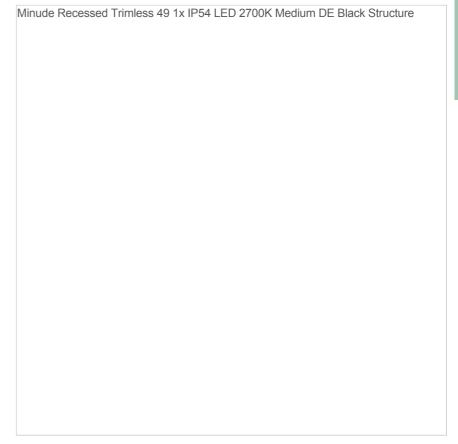


TM30 & CRI diagram



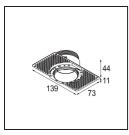


Light distribution & beam diagram

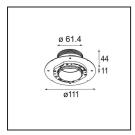




Installation Accessories



13642030 Ring Recessed Trimless 50 1x



- **13642130** Concrete Ring 50 Standard Installation Housing
- Choose a required accessory