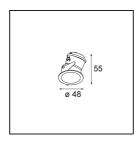


Pate
Customer
Project
уре

Smart Lotis Asy Recessed 48 1x IP55 LED 4000K Medium DE Black Structure



The 3 original designs, Smart Kup, Lotis and Cake still manage to steal the hearts of interior designers. And this goes for the entire Smart family. Smart's accessibility and extreme versatility are arguably fit for any expression. Mix and match accent lighting, up and downlight, fixed or adjustable, a mosaic of shapes, sizes, colours and mounting options, and create a playful installation.





Material 12891232 Light Source Type LED LED Type NICHIA LED technology LED high power CRI Min. 90 Colour Temperature 4000K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) 44.6 (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) 0,1 Object (m) Onlease Primar	Specifications				
LED Type NICHIA LED technology LED high power CRI Min. 90 Colour Temperature 4000K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Opication Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81		12891232			
LED technology CRI Min. 90 Colour Temperature 4000K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light Sources Binning (SDCM) 3 Light Direction Optic Collimator Measured beam angle (°) Input Voltage Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor 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) 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Light Source Type	LED			
CRI Min. 90 Colour Temperature 4000K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 5ources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) #44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (Im/W) 86 81	LED Type	NICHIA			
Colour Temperature 4000K Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (") Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating ("C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	LED technology	LED high power			
Lifetime L80B20 @50,000 Hours Lamp Included Yes Number of Light 1 Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	CRI	Min. 90			
Lamp Included Yes Number of Light Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Colour Temperature	4000K			
Number of Light Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) Indoor/Outdoor Indoor 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) Source Sinning Secure Structure Slack, Struct	Lifetime	L80B20 @50,000 Hours			
Sources Binning (SDCM) 3 Light Direction Down Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Lamp Included	Yes			
Light Direction Optic Collimator Measured beam angle (°) Input Voltage Electrical Class III IP Rating 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) So So So Solom Adiverse (Vf) Solom Max. forward voltage (Vf) Solom Min. forward voltage (Vf) Solom	_	1			
Optic Collimator Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Binning (SDCM)	3			
Measured beam angle (°) Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (Im/W) 86 81	Light Direction	Down			
Input Voltage Constant Current Driver Required Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Optic	Collimator			
Electrical Class III IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	0	44.6			
IP Rating 55 Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Input Voltage	Constant C	urrent Driver	r Required	
Glow wire rating (°C) 960 Indoor/Outdoor Indoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted O,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Electrical Class	III			
Indoor/Outdoor Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) Dive current (mA) 350 500 Min. forward voltage (Vf) Max. forward voltage (Vf) Delivered lumens (lm) 86 81 Mounting Wall Mounting May 44 Mounting depth (mm) 60.0 Adjustability Not Applicable 0,1 0,1 0 0 0 0 1 0 1 0 0 1 0 1 0 1 0 1	IP Rating	55			
Application Ceiling, Wall Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Glow wire rating (°C)	960			
Mounting Recessed Cut-out size (mm) Ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Indoor/Outdoor				
Cut-out size (mm) ø44 Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Application	Ceiling, Wall			
Mounting depth (mm) 60.0 Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Mounting	Recessed			
Adjustability Not Applicable Distance to Lighted 0,1 Object (m) Primary Colour & Black, Structure Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	Cut-out size (mm)	ø44			
Distance to Lighted Object (m) 0,1 Primary Colour & Primary Finish Black, Structure Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81					
Object (m) Primary Colour & Primary Finish Black, Structure Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81			able		
Primary Finish Gross weight (g) 108.0 Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (lm) 86 122 Efficacy (lm/W) 86 81	0	0,1			
Drive current (mA) 350 500 Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81		Black, Stru	ıcture		
Min. forward voltage (Vf) 2.5 2.5 Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Gross weight (g)	108.0			
Max. forward voltage (Vf) 3.0 3.0 Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Drive current (mA)	350	500		
Connected load (W) 1.0 1.5 Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Min. forward voltage (Vf)	2.5	2.5		
Delivered lumens (Im) 86 122 Efficacy (Im/W) 86 81	Max. forward voltage (Vf)	3.0	3.0		
Efficacy (lm/W) 86 81	Connected load (W)	1.0	1.5		
	Delivered lumens (lm)	86	122		
Glare rating 12 13	Efficacy (Im/W)	86	81		
	Glare rating	12	13		

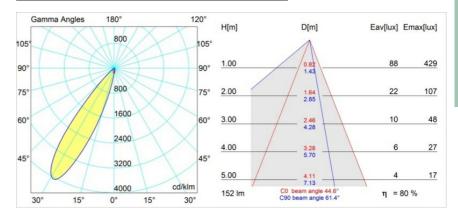


TM30 & CRI diagram





Light distribution & beam diagram





Decorative Accessories



13350009 Mask Smart 48 1x White Structure 13350032 Mask Smart 48 1x Black Structure 13350046 Mask Smart 48 1x Gold Matt

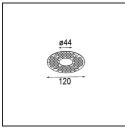


 13350109
 Mask Smart 48 2x White Structure

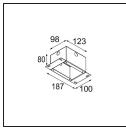
 13350132
 Mask Smart 48 2x Black Structure

 13350146
 Mask Smart 48 2x Gold Matt

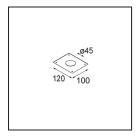
Installation Accessories



12293730 Plaster Kit 44 1x



10889530 Installation Housing 123x100x80



12290730 Plaster Kit 100x120-45 1x

Choose a required accessory

