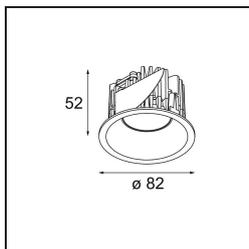| Date	
Customer	
Project	
Type	

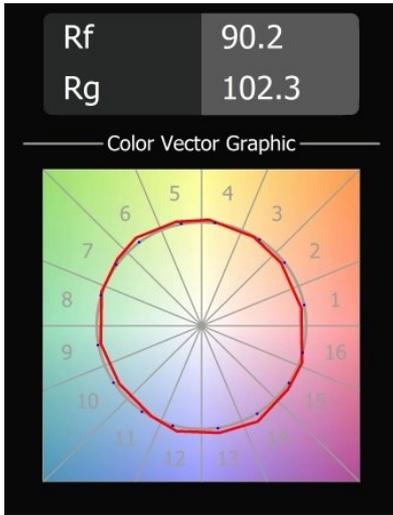## Smart Lotis Recessed 82 1x IP55 LED 3000K Medium DE Champagne Brushed

Specifications

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.
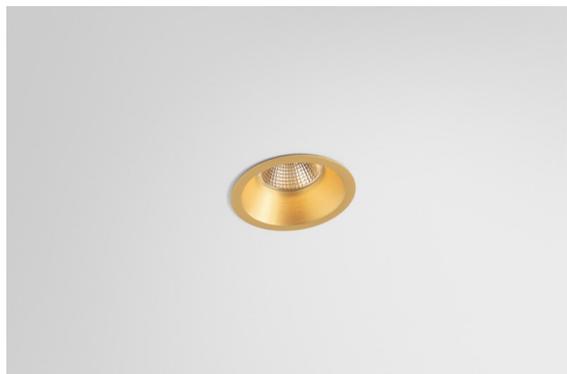
Specifications

Material	12442315
Light Source Type	LED
LED Type	BRIDGELUX V8G8
LED technology	LED COB
CRI	Min. 90
Colour Temperature	3000K
Lifetime	L80B10 @50,000 Hours
Lamp Included	Yes
Number of Light Sources	1
CIE flux code	97 100 100 100 89
Binning (SDCM)	2
Light Direction	Down
Optic	Reflector
Measured beam angle (°)	24.0
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)	ø70
Mounting depth (mm)	100.0
Distance to Lighted Object (m)	0,1
Primary Colour & Primary Finish	Champagne, Brushed
Gross weight (g)	220.0

Drive current (mA)	350	500	700
Min. forward voltage (Vf)	13,2	13,7	14,2
Max. forward voltage (Vf)	15,0	15,4	16,0
Connected load (W)	5,0	7,2	10,6
Luminous flux per lamp (lm)	559	756	999
Efficacy (lm/W)	112	105	94
Glare rating	19	21	22
Remark	• 3500K on request		

TM30 & CRI diagram

Rf	90.2
Rg	102.3

Color Vector Graphic

CRI	92.0
R9	71.2

R1	93
R2	93
R3	91
R4	94
R5	92
R6	90
R7	95
R8	89
R9	71
R10	82
R11	94
R12	75
R13	93
R14	94
R15	91

Light distribution & beam diagram

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	0.42	1443	2354
2.00	0.84	361	589
3.00	1.26	160	262
4.00	1.68	90	147
5.00	2.10	58	94

849 lm   beam angle 24° η = 89 %

Diagrams

MODULAR
LIGHTING —
INSTRUMENTS

Smart Lotis Recessed 82 1x IP55 LED 3000K Medium DE
Champagne Brushed
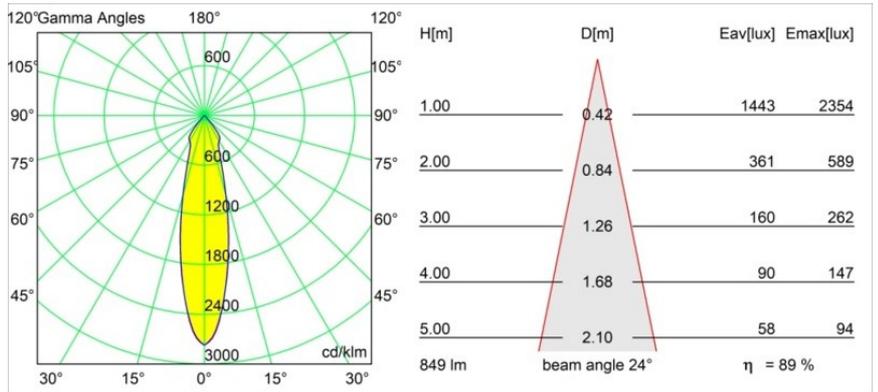
Accessories
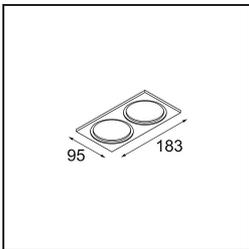
Decorative Accessories
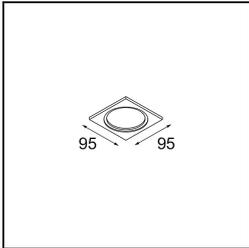
12500032   Mask Smart 82 1x Black Structure
12500009   Mask Smart 82 1x White Structure
12500046   Mask Smart 82 1x Gold Matt
12500015   Mask Smart 82 1x Champagne Brushed
12500014   Mask Smart 82 1x Bronze Brushed
12500043   Mask Smart 82 1x Black Brushed
**12500016**   Mask Smart 82 1x Silver Bronze Brushed

12500109   Mask Smart 82 2x White Structure
12500132   Mask Smart 82 2x Black Structure
12500146   Mask Smart 82 2x Gold Matt
12500114   Mask Smart 82 2x Bronze Brushed
12500116   Mask Smart 82 2x Silver Bronze Brushed
12500115   Mask Smart 82 2x Champagne Brushed
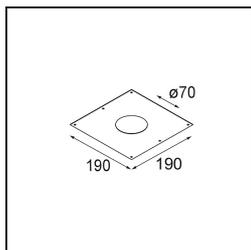**12500143**   Mask Smart 82 2x Black Brushed
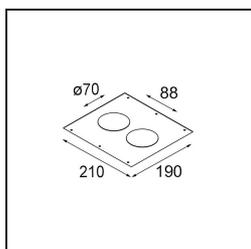
Installation Accessories
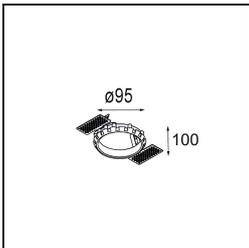
12500230   Ring Recessed 82 1x
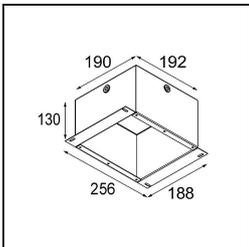
10889830   Installation Housing 192x190x130

12290130 Plaster Kit 190X190 - 70 1x

12291030 Plaster Kit 210x190 - 70 2x

▌Choose a required accessory