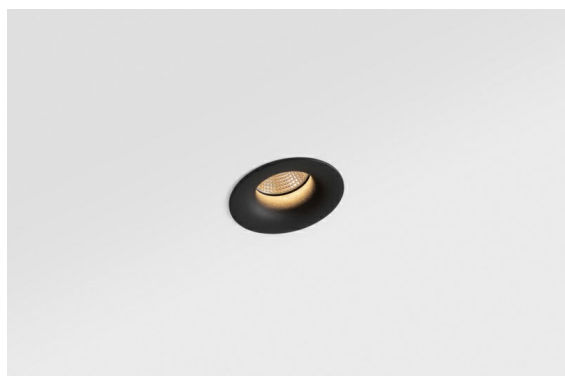|	
Date	
Customer	
Project	
Type	

Smart Cake Recessed 82 1x LED 2700K 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.
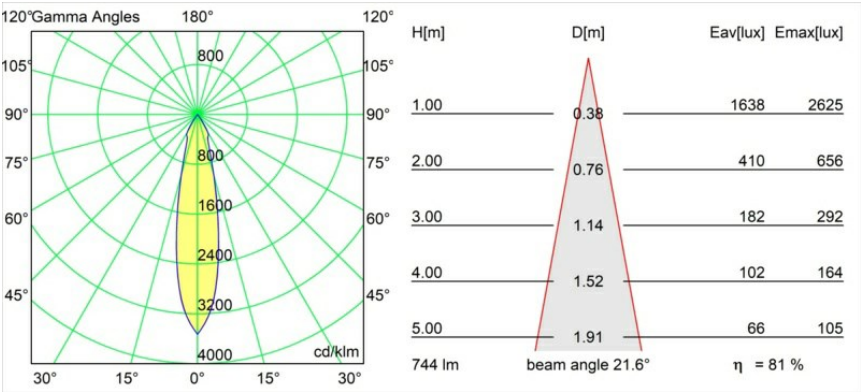
52 ø 82

Friends of
hue
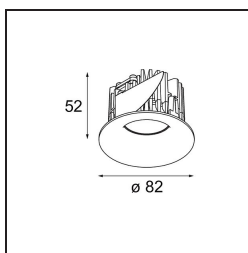
Specifications

Material	12411032		
Light Source Type	LED		
LED Type	BRIDGELUX V8G8		
LED technology	LED COB		
CRI	Min. 90		
Colour Temperature	2700K		
Lifetime	L80B10 @50,000 Hours		
Lamp Included	Yes		
Number of Light Sources	1		
Binning (SDCM)	2		
Light Direction	Down		
Optic	Reflector		
Measured beam angle (°)	22.0		
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)	ø70		
Mounting depth (mm)	100.0		
Adjustability	Not Applicable		
Distance to Lighted Object (m)	0,1		
Primary Colour & Primary Finish	Black, Structure		
Gross weight (g)	260.0		
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
Delivered lumens (lm)	450	604	776
Efficacy (lm/W)	90	84	73
Glare rating	12	13	15
Remark	● 3500K on request		

TM30 & CRI diagram

Rf	88.2
Rg	102.8

Color Vector Graphic

CRI	90.9
R9	65.6

		0 10 20 30 40 50 60 70 80 90 100
R1	92	
R2	92	
R3	90	
R4	93	
R5	90	
R6	89	
R7	94	
R8	86	
R9	66	
R10	81	
R11	93	
R12	74	
R13	92	
R14	94	
R15	89	

Light distribution & beam diagram

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	0.38	1638	2625
2.00	0.76	410	656
3.00	1.14	182	292
4.00	1.52	102	164
5.00	1.91	66	105

744 lm   beam angle 21.6°   η = 81 %

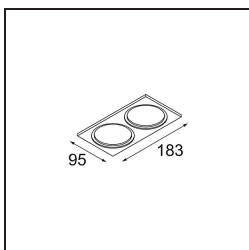## Decorative Accessories
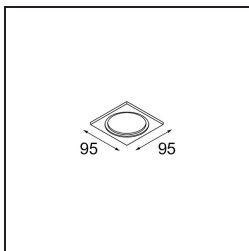
12500032 Mask Smart 82 1x Black Structure
12500009 Mask Smart 82 1x White Structure
12500046 Mask Smart 82 1x Gold Matt
12500015 Mask Smart 82 1x Champagne Brushed
12500014 Mask Smart 82 1x Bronze Brushed
12500043 Mask Smart 82 1x Black Brushed
**12500016** Mask Smart 82 1x Silver Bronze Brushed

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
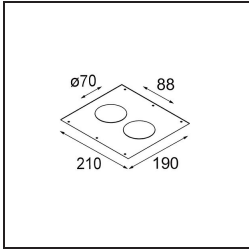**12500143** Mask Smart 82 2x Black Brushed
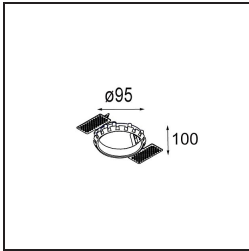
Installation Accessories
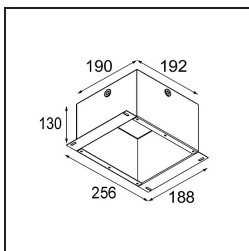
10889830 Installation Housing 192x190x130
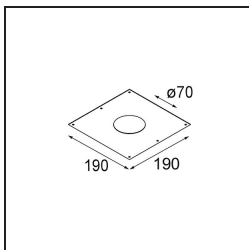
12290130 Plaster Kit 190X190 - 70 1x

12291030   Plaster Kit 210x190 - 70 2x

12500230   Ring Recessed 82 1x

▌Choose a required accessory