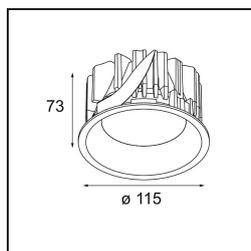| Date	
Customer	
Project	
Type	

Smart Lotis Recessed 115 1x IP54 Diffuse LED 2700K Wide Flood DE White Structure

73
ø 115

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.
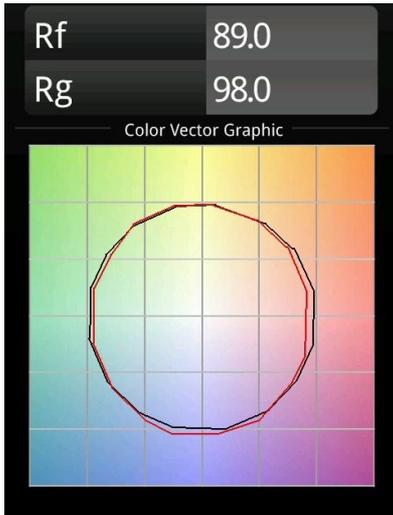
Friends of hue

Specifications

Material	12753009
Light Source Type	LED
LED Type	BRIDGELUX VERO13
LED technology	LED COB
CRI	Min. 90
Colour Temperature	2700K
Lifetime	L80B20 @50,000 Hours
Lamp Included	Yes
Number of Light Sources	1
CIE flux code	56 88 98 100 66
Binning (SDCM)	3
Light Direction	Down
Optic	Reflector
Measured beam angle (°)	85.5
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)	ø108
Mounting depth (mm)	100.0
Adjustability	Not Applicable
Distance to Lighted Object (m)	0,1
Primary Colour & Primary Finish	White, Structure
Gross weight (g)	467.0

Drive current (mA)	350	500	700
Min. forward voltage (Vf)	29,1	29,9	31,0
Max. forward voltage (Vf)	33,7	34,7	35,8
Connected load (W)	11,0	16,2	23,4
Luminous flux per lamp (lm)	816	1119	1489
Efficacy (lm/W)	74	69	63
Glare rating	24	25	26

Remark	• 3500K on request

Diagrams

TM30 & CRI diagram

Rf	89.0
Rg	98.0

Color Vector Graphic

CRI	91.2
R9	53.2

		0 10 20 30 40 50 60 70 80 90 100
R1	91	
R2	97	
R3	97	
R4	89	
R5	91	
R6	96	
R7	88	
R8	77	
R9	53	
R10	92	
R11	89	
R12	85	
R13	92	
R14	99	
R15	87	

Light distribution & beam diagram

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	1.85	226	587
2.00	3.70	57	147
3.00	5.54	25	65
4.00	7.39	14	37
5.00	9.24	9	23

1461 lm   beam angle 85.5°   η = 76 %
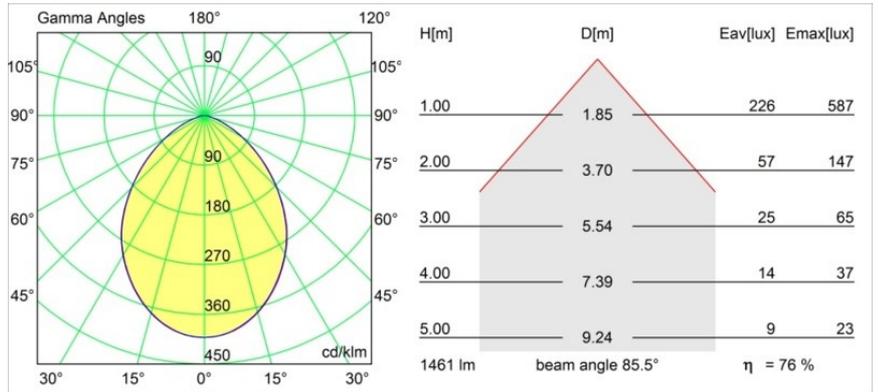
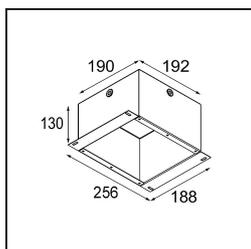## MODULAR LIGHTING — INSTRUMENTS

Decorative Accessories

12810009 Mask Smart 115 1x White Structure
12810032 Mask Smart 115 1x Black Structure
12810046 Mask Smart 115 1x Gold Matt

12810109 Mask Smart 115 2x White Structure
12810132 Mask Smart 115 2x Black Structure
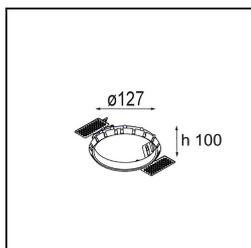**12810146** Mask Smart 115 2x Gold Matt

Installation Accessories

10889830 Installation Housing 192x190x130

12290530 Plaster Kit 190X190 - 108 1x

12810230 Ring Recessed 115 1x

▍Choose a required accessory