| Date	
Customer	
Project	
Type	

Smart Lotis Asy Recessed 48 1x HO IP55 LED 2700K Medium DE White 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.
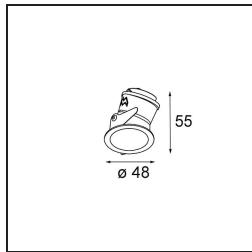
Specifications

Material	12892109	
Light Source Type	LED	
LED Type	CREE 1304	
LED technology	LED COB	
CRI	Min. 90	
Colour Temperature	2700K	
Lifetime	L90B10 @50,000 Hours	
Lamp Included	Yes	
Number of Light Sources	1	
CIE flux code	89 97 99 100 66	
Binning (SDCM)	2	
Light Direction	Down	
Optic	Reflector	
Measured beam angle (°)	25.7	
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	
Primary Colour & Primary Finish	White, Structure	
Gross weight (g)	114.0	
Drive current (mA)	350	500
Min. forward voltage (Vf)	7,5	7,8
Max. forward voltage (Vf)	9,5	9,8
Connected load (W)	3,0	4,4
Luminous flux per lamp (lm)	206	279
Efficacy (lm/W)	69	69
Glare rating	16	16

TM30 & CRI diagram

Rf	89.5
Rg	96.8

Color Vector Graphic

CRI	92.3
R9	60.1

R1	92
R2	96
R3	99
R4	91
R5	91
R6	95
R7	93
R8	82
R9	60
R10	89
R11	92
R12	80
R13	93
R14	98
R15	88
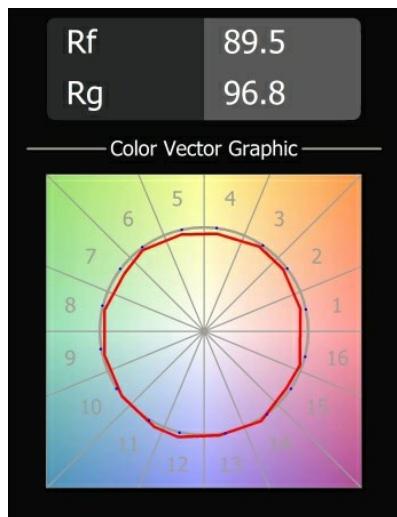
Light distribution & beam diagram

Gamma Angles   180°   120°

cd/klm

313 lm

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	0.55 / 1.17	215	599
2.00	1.09 / 2.35	54	150
3.00	1.64 / 3.52	24	67
4.00	2.19 / 4.69	13	37
5.00	2.74 / 5.87	9	24

C0 beam angle 30.6°
C90 beam angle 51.6°

η = 65 %

MODULAR
LIGHTING —
INSTRUMENTS

Smart Lotis Asy Recessed 48 1x HO IP55 LED 2700K Medium DE

White Structure
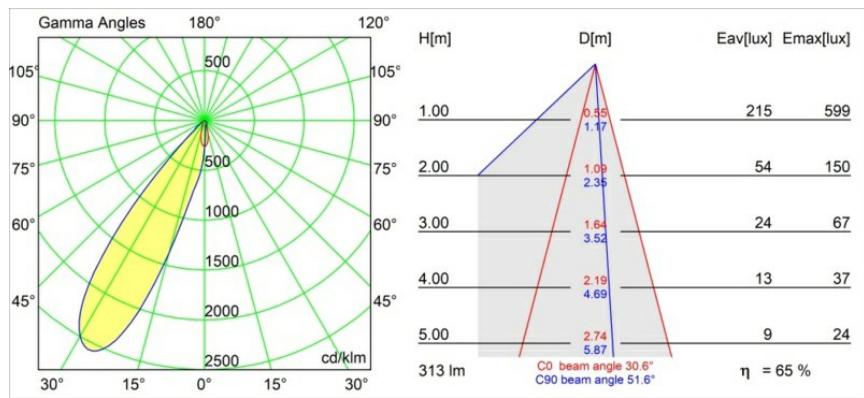
Accessories

Decorative Accessories
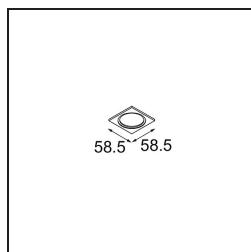
13350009   Mask Smart 48 1x White Structure
13350032   Mask Smart 48 1x Black Structure
**13350046**   Mask Smart 48 1x Gold Matt
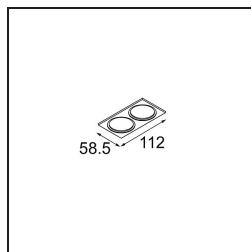
13350109   Mask Smart 48 2x White Structure
13350132   Mask Smart 48 2x Black Structure
**13350146**   Mask Smart 48 2x Gold Matt

Installation Accessories
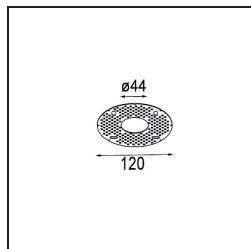
12293730   Plaster Kit 44 1x
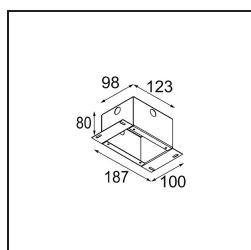
10889530   Installation Housing 123x100x80
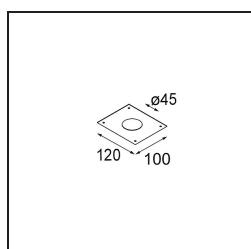
12290730   Plaster Kit 100x120-45 1x

▍Choose a required accessory