| Date	
Customer	
Project	
Type	

Specifications

K 77 Recessed Adjustable 77 1x LED 3000K Spot DE Black Structure
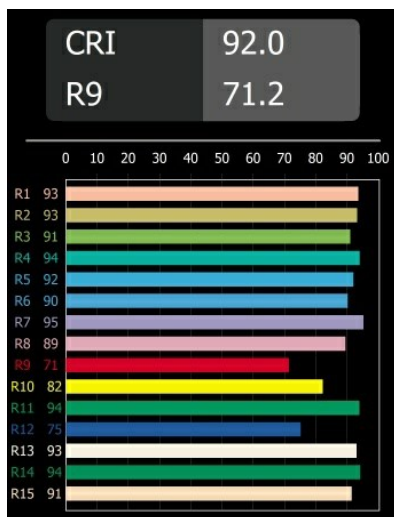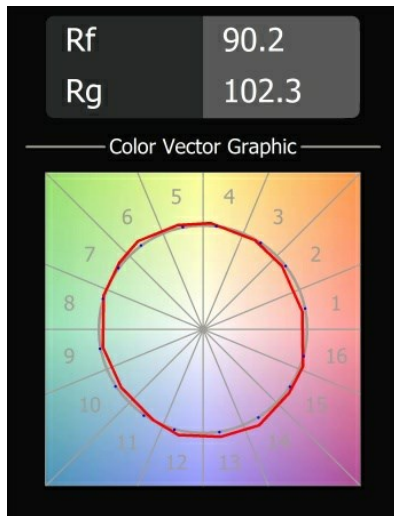

47 / ø77

Every project needs a spotlight for general lighting. K is our suggestion for those who like to keep things simple yet flexible. K comes in two sizes, 80 and 89 mm, with a flat or sloping edge, in aluminium, or with a white or black structure. Available with halogen and LED. Choose the directional model for a greater interplay of light and more versatility.
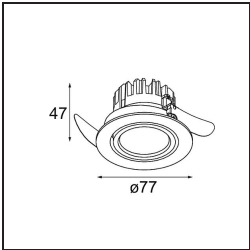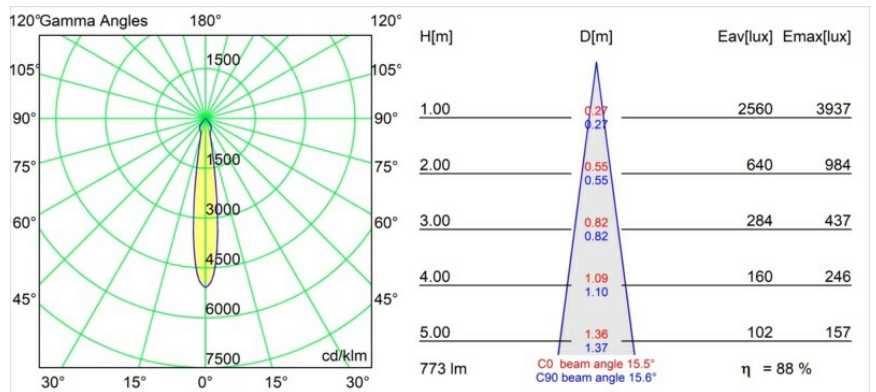
Specifications

Material	14050332	
Light Source Type	LED	
LED Type	BRIDGELUX V8G8	
LED technology	LED COB	
CRI	Min. 90	
Colour Temperature	3000K	
Lifetime	L90B10 @50,000 Hours	
Lamp Included	Yes	
Number of Light Sources	1	
CIE flux code	95 100 100 100 89	
Binning (SDCM)	2	
Light Direction	Down	
Optic	Reflector	
Measured beam angle (°)	15.5	
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)	60.0	
Adjustability	H 360° V -30°/+30°	
Distance to Lighted Object (m)	0,1	
Primary Colour & Primary Finish	Black, Structure	
Gross weight (g)	208.0	
Drive current (mA)	350	500
Min. forward voltage (Vf)	13,2	13,7
Max. forward voltage (Vf)	15,0	15,4
Connected load (W)	5,0	7,2
Delivered lumens (lm)	512	687
Efficacy (lm/W)	102	95
Glare rating	20	21

Diagrams

TM30 & CRI diagram

Rf	90.2
Rg	102.3

Color Vector Graphic

CRI	92.0
R9	71.2

	0 10 20 30 40 50 60 70 80 90 100
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	0.27 / 0.27		2560	3937
2.00	0.55 / 0.55		640	984
3.00	0.82 / 0.82		284	437
4.00	1.09 / 1.10		160	246
5.00	1.36 / 1.37		102	157
773 lm	C0 beam angle 15.5° / C90 beam angle 15.6°		η = 88 %	

MODULAR
LIGHTING —
INSTRUMENTS

*K 77 Recessed Adjustable 77 1x LED 3000K Spot DE Black
Structure*

Accessories

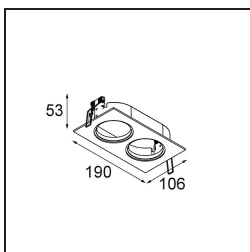## *Decorative Accessories*
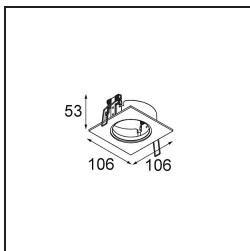
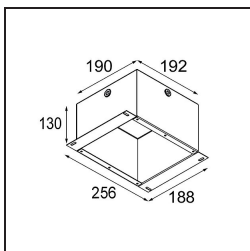**14052009**   K-Set 77 1x White Structure
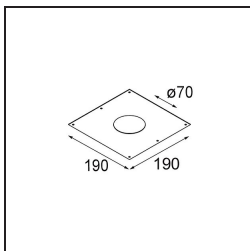**14052032**   K-Set 77 1x Black Structure

14052109   K-Set 77 2x White Structure
14052132   K-Set 77 2x Black Structure

Installation Accessories

10889830   Installation Housing 192x190x130

12290130   Plaster Kit 190X190 - 70 1x

▍Choose a required accessory