MODULAR LIGHTING — INSTRUMENTS

Date	
Customer	
Project	
Type	

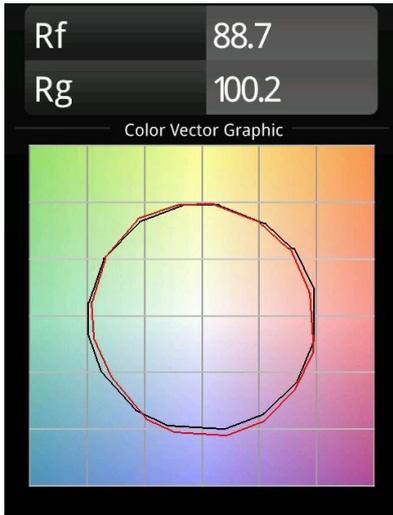## K 120 Recessed Adjustable 120 1x LED 4000K Flood DE Black Structure

99
ø 120

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.
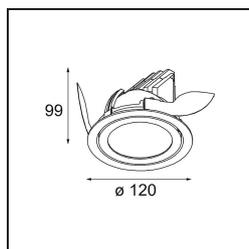
Specifications

Material	13342232
Light Source Type	LED
LED Type	LUMILED 1205 GEN 3
LED technology	LED COB
CRI	Min. 90
Colour Temperature	4000K
Lifetime	L80B20 @50,000 Hours
Lamp Included	Yes
Number of Light Sources	1
Binning (SDCM)	3
Light Direction	Down
Optic	Reflector
Measured beam angle (°)	40.7
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)	ø114
Mounting depth (mm)	200.0
Adjustability	H 359° V 45°
Distance to Lighted Object (m)	0,1
Primary Colour & Primary Finish	Black, Structure
Gross weight (g)	468.0

Drive current (mA)	350	500	700
Min. forward voltage (Vf)	30,9	31,9	33,2
Max. forward voltage (Vf)	35,7	36,8	38,3
Connected load (W)	11,7	17,2	25,0
Luminous flux per lamp (lm)	1299	1762	2316
Efficacy (lm/W)	111	102	93
Glare rating	19	20	21

TM30 & CRI diagram

Rf	88.7
Rg	100.2

Color Vector Graphic

CRI	89.3
R9	57.5

	0 10 20 30 40 50 60 70 80 90 100
R1	89
R2	91
R3	91
R4	89
R5	89
R6	87
R7	91
R8	83
R9	57
R10	79
R11	89
R12	73
R13	89
R14	95
R15	87

Light distribution & beam diagram

Gamma Angles 180° 120°

cd/klm

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	0.74	1646	2845
2.00	1.48	411	711
3.00	2.22	183	316
4.00	2.97	103	178
5.00	3.71	66	114

2064 lm   beam angle 40.7°   η = 85 %
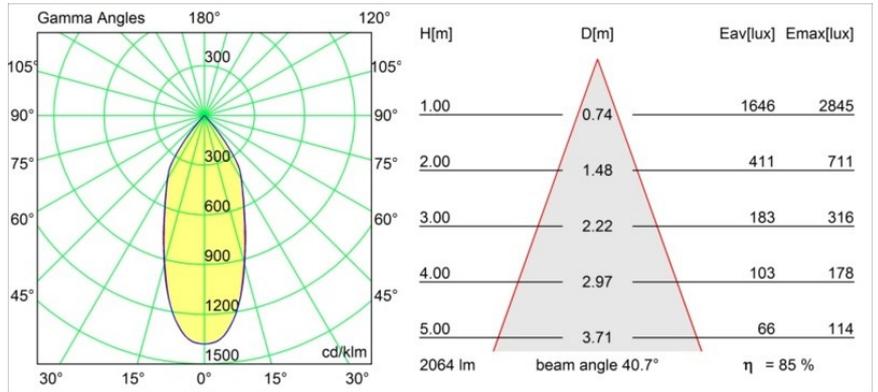
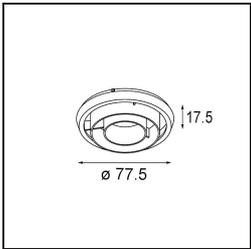## Optical Accessories
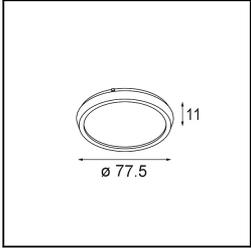
10216903   Spreadlens 80
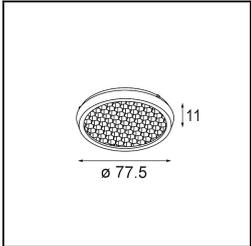
10212802   Honeycomb 80 Black Matt

10217002   Crossblade 80 Black Matt

▌Choose a required accessory