

# SCULPDOT

ILLUMINATION



**Schröder** 

# SCULPDOT

ILLUMINATION

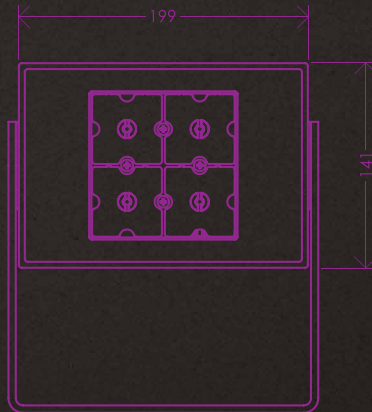
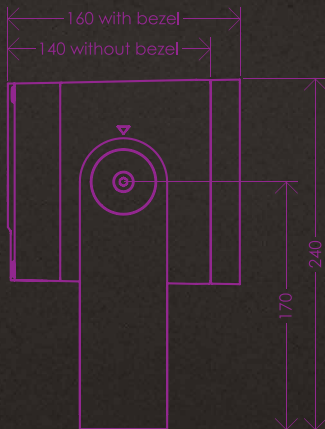
Up to 3000lm for  
high impact accent

Superb single and multi-die LED  
and lens combinations for even  
whites, and colour mixing with a  
soft edge beam

Adaptable photometry  
with interchangeable  
front refractors – even  
on-site



# FOCUS ON THE DETAILS WITH THE COMPACT AND POWERFUL SCULP DOT ARCHITECTURAL FLOODLIGHT



All dimensions are given in millimetres (mm)

SCULP DOT










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Version	LEDs	Colour Temperature (K) / Colour	Nominal Flux (lm) / Wattage (W)*	Distribution Options	Mounting & Aiming Options	Installation Notes	Accessories	Weight (kg)	Driver & Control Options
SCULPdot Mono-chromatic	16	3000 (Warm White)	Up to 3000lm (35W) @ 600mA	Intensive symmetrical 8° lenses as standard (12° on multi-die for colour variation)	Stirrup bracket as standard	In/out control connector	Anti-glare louvres (horizontal and vertical)	7	DMX 512 protocol with RDM feedback
		4000 (Neutral White)							
		5700 (Cool White)							
		Blue Other colours on request	N/A						
SCULPdot Colour Variation	16	RGBA	21W	Refractors are changed without opening the optical unit, and have no front screws so do not affect the IP rating	Options: - post-top mounting bracket - tree-strap - extension arm	Operating temperature from -20°C to 50°C	Protection grid	7	DMX 512 protocol with RDM feedback
	1 multi-die LED (12 dies) for perfect colour mix	or RGBCW	1 multi-die LED (12 dies) @ 500mA  24W						

\* Please see note regarding the flux on page 77.

## MATERIALS & FINISH

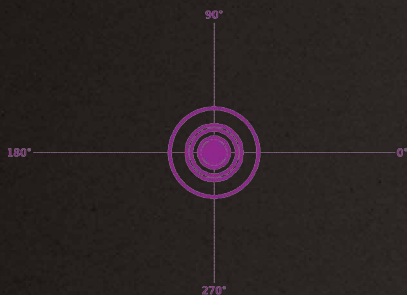
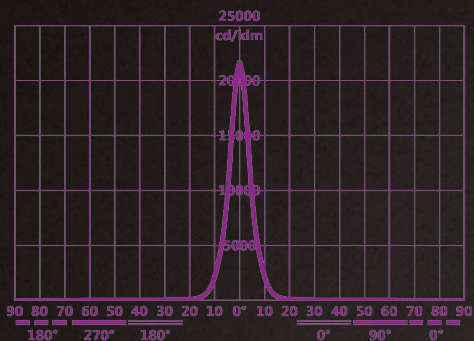
Die-cast aluminum, standard black, dark grey, and white - any RAL colour upon request

IP 66	IK 7	IK 8			230 V 50 Hz	 10 kV	DMX RDM		
	Glass protector	Polycarbonate protector		With adequate power supply					

SCULP DOT

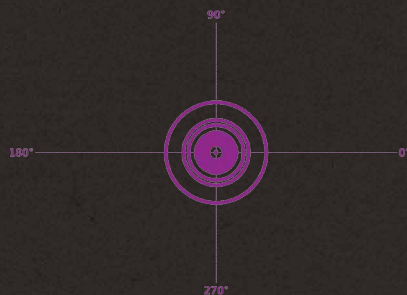
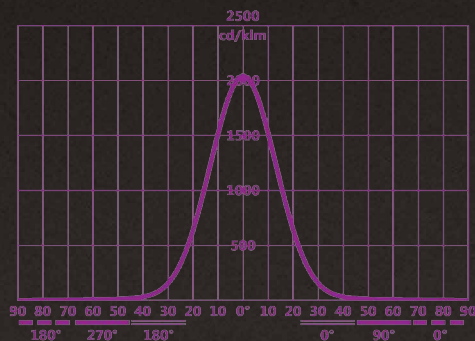


NARROW BEAM



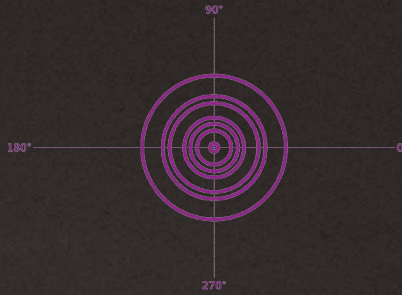
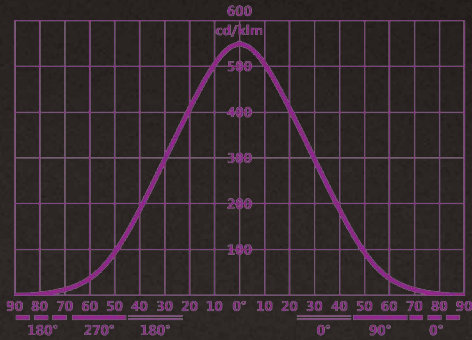
Distance [m]	Beam 8 x 8 [°]	Diameter [m]	Eave [lux]	Emax [lux]
100		14 x 14	4	6
80		11 x 11	7	9
60		8 x 8	12	16
40		6 x 6	27	36
20		2,8 x 2,8	109	144

MEDIUM BEAM



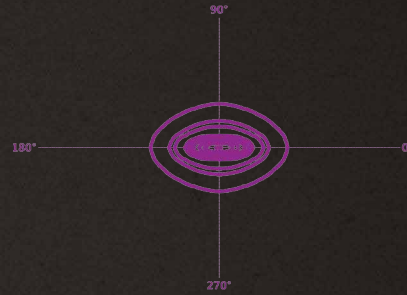
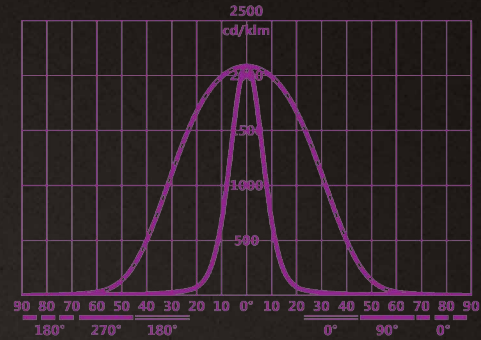
Distance [m]	Beam 30 x 30 [°]	Diameter [m]	Eave [lux]	Emax [lux]
25		13 x 13	5	7
20		11 x 11	7	11
15		8 x 8	13	19
10		5 x 5	29	42
5		2,7 x 2,7	117	169

## WIDE BEAM



Distance [m]	Beam 62 x 62 [°]	Diameter [m]	Eave [lux]	Emax [lux]
25		30 x 30	1	2
20		24 x 24	2	3
15		18 x 18	3	5
10		12 x 12	6	11
5		6 x 6	26	45

## ELLIPTICAL BEAM



Distance [m]	Beam 60 x 14 [°]	Diameter [m]	Eave [lux]	Emax [lux]
25		29 x 6	4	7
20		23 x 4,9	6	11
15		17 x 3,7	11	19
10		12 x 2,5	24	43
5		6 x 1,2	95	173

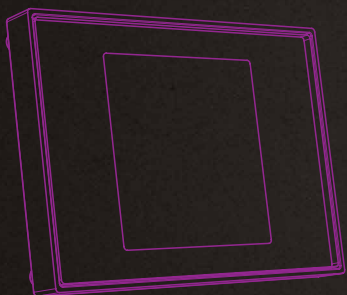
All values are given for neutral white LEDs.

SCULP DOT

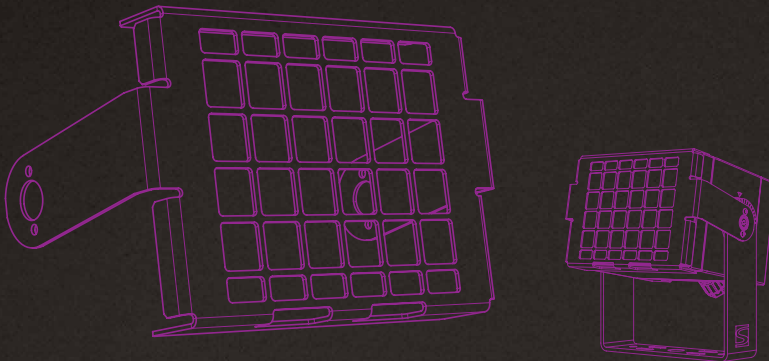


# ACCESSORIES

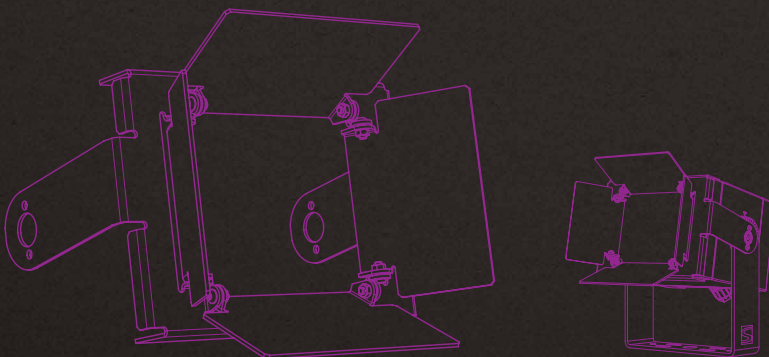
RefFLEX: external refractors  
for on-site photometry adjustments



PROTECTION GRID



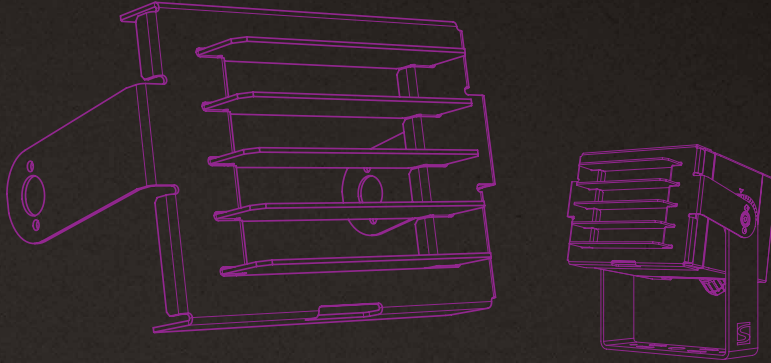
BARN DOORS



ILLUMINATION



HORIZONTAL LOUVRES



VERTICAL LOUVRES

