

AKURAT

L I G H T I N G

S4



Technical specification

Photometric specification

illuminance at distance	see next page	
angle of beam	see next page	
Corelated Color Temperature	3200/5600 K	tungsten (+0K, -200K) /daylight (+0K -300K)
	3100/5650 K	adjusted in increments of 50 Kelvin
Color Rendering Index CRI	Ra>90 typ.95	

Electrical specification

nominal voltage	13-16 V	DC
power	35W/55 W	S4bi/S4t,S4d
maximal voltage	18 V	absolute max. voltage
minimal voltage	12 V	

Mechanical specification

amount of light sources (LEDs)	132 pcs.	middle power SMD
dimensions:		
width	312 mm	
height (without the yoke)	268 mm	
depth (without the driver)	30 mm	
width (with fixing levers)	420 mm	
type of mounting	5/8F	
key material of body	aluminum	
weight	1,5 kg	
weight incl. yoke and mount	1.9 kg	

Environmental specification

operating ambient temperature	-10...+40°C
storage ambient temperature	-40...+80°C
max. ambient humidity	85 %

Other

durability of LEDs	50 000 h
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Photometric parameters of Akurat S4

lenses		30	60	90	120	30	60	90	120
S4 type	distance [m]	daylight				tungsten			
		illuminance [lx]							
	0,6	13 630	5 030	2 735	2 350	12 070	4 300	2 471	2 050
	1	6 615	2 070	1 058	907	5 855	1 780	931	790
	1,2	4 909	1 470	746	640	4 415	1 274	659	556
	1,8	2 425	695	347	303	2 174	595	304	258
	2,4	1 414	404	204	180	1 285	345	179	153
	3	927	267	140	123	838	230	121	105
	4	536	160	84	73	487	139	72	64
S4d		as above x2							
S4t						as above x2			