

ALPS SCOPE

LED SURFACE MOUNTED CEILING LIGHT
TRUE COLOUR CRI 98 | INTEGRATED DRIVER

DLD
ARCHITECTURAL



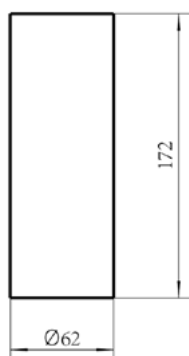
DETAILS

Tilt	n/a
Rotation	n/a
IP Rating	IP20
Class	I
Standards	CE / ROHS
Fire Rated	60+ minutes
Material	Aluminium
Fixation	Surface mounted
Warranty	5 Years

KEY POINTS

- True Colour CRI 98, amazingly high level of colour rendering
- R9 95, reds are redder than ever
- Integrated driver in the base
- Dim to dark with our range of fully tested drivers

DIMENSIONS



15W Version

Lens Diameter: $\varnothing 62\text{mm}$
Height: 172mm

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Power	15W			25W			35W		
Beam Angle	15°	24°	36°	15°	24°	36°	15°	24°	36°
	*25W & 35W versions available on request						45°	60°	
Binning SDCM	<3 Step								
CRI	98								
R9	95								
TM30 Rf Rg	Rf 95 Rg 95								
UGR	<19								
Cut-Off Angle	30°								
LED Type	Luminus Gen. 6 CXM-6 COB LED								
LED Lifetime (Ave.)	50,000 hrs								
Voltage	220-240V								
Current	350mA								
Supported Protocols	Mains Dim / TRIAC / 0-10V / DALI								
Dim to Dark	0.1% Lux								
Wiring	N/A								
Product code	DLD/ALPSSCOPE								

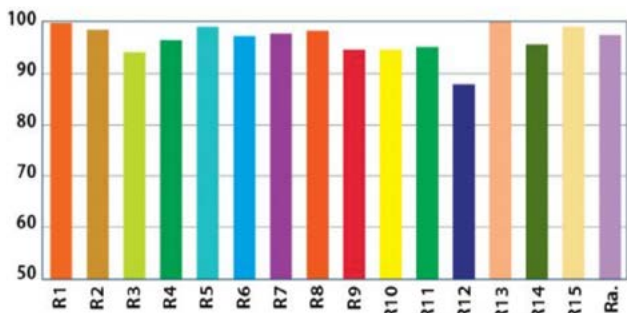
LED COB PERFORMANCE REPORT

Category:	COB	Colour ratio:	R=0.241, G=0.726, B=0.032
Spec:	Luminus Gen. 6 CXM-6	Peak wavelength:	633.2nm
CCT:	Tc=3138K (duv=0.00093)	Dominant wavelength:	581.9nm
CRI:	Ra=98.6	Central wave:	602.6nm
TM30:	Rf=95, Rg=101		

Typical Colour Rendering Index

GAI (Gamut Area Index): GAI_BB_8=98.7, GAI_BB_15=103.2, GAI_EES=60.3

Nominal CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	TLCI
3000K	99	99	96	99	99	98	99	99	96	96	97	85	100	97	99	98

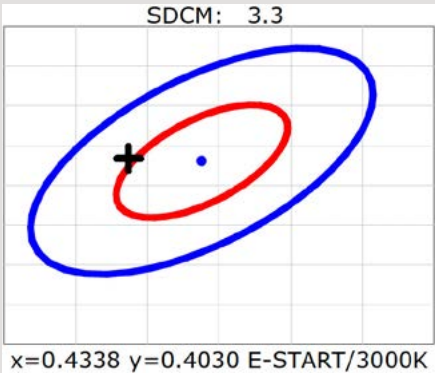
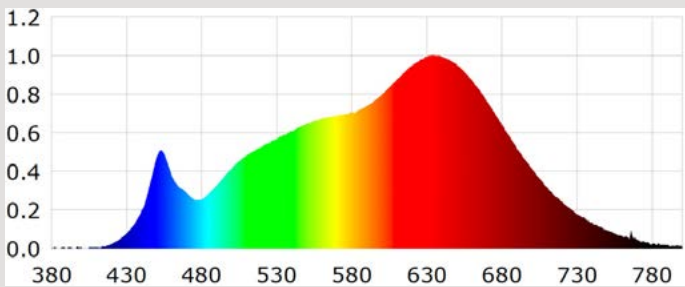


Colour Quality Index

Colour Quality Scale: Qa= 96.2, Qf= 97.1, Qp= 98.1, Qg= 98.9

Nominal CCT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	-
3000K	95	97	93	94	97	98	97	98	97	97	97	97	97	98	97	-

Colour Rendering Chart

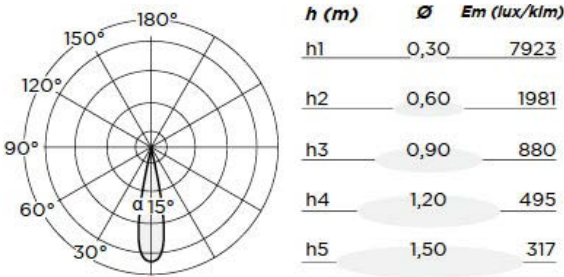


PHOTOMETRIC DATA FOR 15W

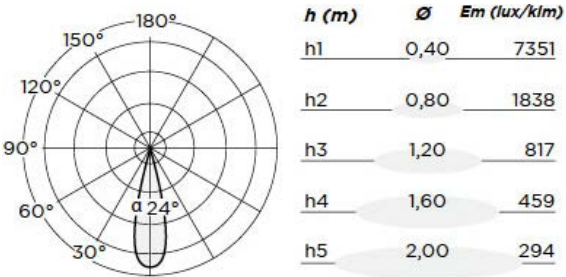
Power	CCT	Beam Angle Optics		Delivered Output	Efficacy
15W	2700K	15°	Spot	1056 lm	71 lm/W
		24°	Medium	1212 lm	82 lm/W
		36°	Wide	1193 lm	81 lm/W
15W	3000K	15°	Spot	1112 lm	75 lm/W
		24°	Medium	1276 lm	86 lm/W
		36°	Wide	1256 lm	85 lm/W
15W	4000K	15°	Spot	1223 lm	83 lm/W
		24°	Medium	1404 lm	95 lm/W
		36°	Wide	1382 lm	94 lm/W

PHOTOMETRIC DIAGRAMS FOR 15W

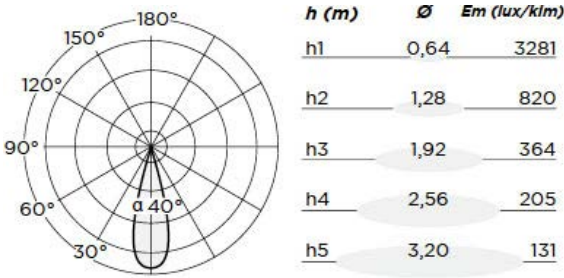
15° Spot



24° Medium



36° Wide

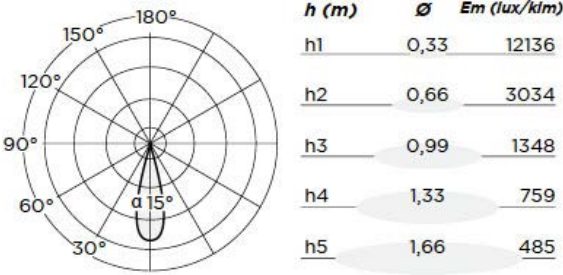


PHOTOMETRIC DATA FOR 25W

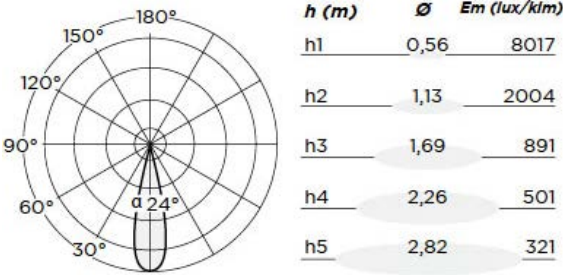
Power	CCT	Beam Angle Optics		Delivered Output	Efficacy
25W	2700K	15°	Spot	2191 lm	81 lm/W
		24°	Medium	2297 lm	85 lm/W
		36°	Wide	2182 lm	81 lm/W
25W	3000K	15°	Spot	2306 lm	85 lm/W
		24°	Medium	2418 lm	89 lm/W
		36°	Wide	2297 lm	85 lm/W
25W	4000K	15°	Spot	2537 lm	94 lm/W
		24°	Medium	2660 lm	98 lm/W
		36°	Wide	2527 lm	94 lm/W

PHOTOMETRIC DIAGRAMS FOR 25W

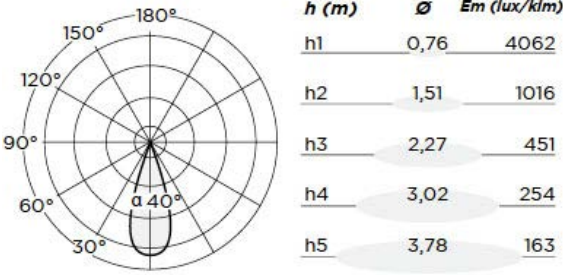
15° Spot



24° Medium



36° Wide



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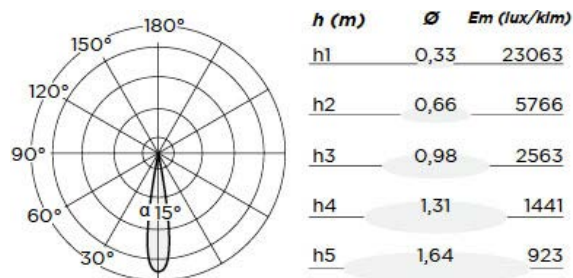
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PHOTOMETRIC DATA FOR 35W

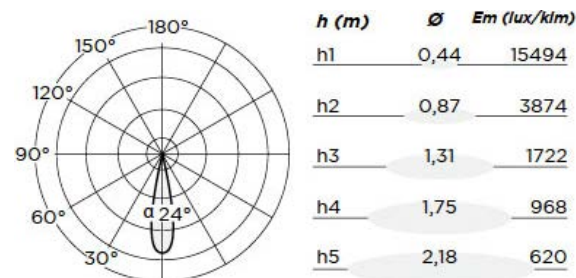
Power	CCT	Beam Angle Optics		Delivered Output	Efficacy
35W	2700K	15°	Spot	3159 lm	76 lm/W
		24°	Medium	3537 lm	83 lm/W
		36°	Wide	3230 lm	81 lm/W
35W	3000K	15°	Spot	3325 lm	80 lm/W
		24°	Medium	3723 lm	87 lm/W
		36°	Wide	3400 lm	85 lm/W
35W	4000K	15°	Spot	3658 lm	88 lm/W
		24°	Medium	4095 lm	96 lm/W
		36°	Wide	3740 lm	94 lm/W

PHOTOMETRIC DIAGRAMS FOR 35W

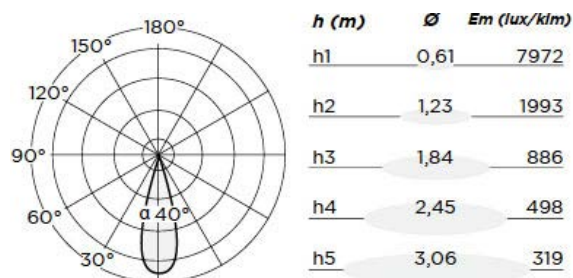
15° Spot



24° Medium



36° Wide



 **01189 889414**

 **sales@darklightdesign.com**

 **darklightdesign.com**

Darklight Design
Unit 10 Brookside Business Centre
Church Road
Swallowfield
Reading
Berkshire
RG7 1TH