

KALYPSO True Color White IP67

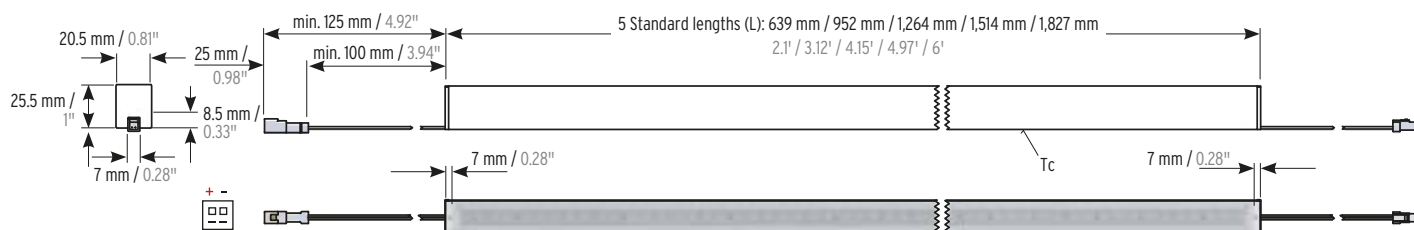
NEW



24 V, IP67 protected and IK10 certified, linear surface-mounted LED luminaire with small form factor. Polyurethane encapsulation offering a premium water proof sealing (values), UV resistance (no coloration or increase of absorption) chemical stability against urban gazes and protection against abrasion. A thin air channel between the LEDs and the encapsulation compound enables an optimum rendition of the LED spectrum (no color shift). Extruded H-shaped aluminum profile painted in white with cable groove on its backside. Delivered with male/female IP67 connectors and translucent end caps for a perfect fixture to fixture light overlap. Allows the use of 3 linear lenses (15°, 30° or 60°) integrated in the encapsulation material. Ideal solution for wall grazing (10°) or wide flood illumination (30° and 60°) with precise light control in outdoor or humid environments. Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away®

thin flexible circuit board technology. In combination with ceramic LED packages a thermal resistivity of 18.5 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality Japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of 95 and TM-30-15 up to $R_f = 91 / R_g = 100$ ensuring a remarkable light quality. Consistent light intensity all along the luminaire length is obtained thanks to active current regulation operated by dedicated integrated circuits (ICs) on each step. Protected against electrostatic discharge $\pm 2,000$ V and polarity miswiring. Fully PWM dimmable for frequency > 0 Hz up to 2 kHz (flicker free for frequency higher than 1.2 kHz according to IEEE P1789 standard). Engineered and produced in Germany.

Dimensions & available lengths



Clear encapsulated LED light line with lenses
Finish: White powder coated

Tc-point (Case temp.) on the rear side of the module

Electrical & output data

Voltage	24 Volt (23 V _{min} , 25 V _{max})
Temperature ^B	T _{Cmin} = -25°C / -13°F, T _{Cmax} = specific, see Table below
Storage temperature	T _{Smin} = -30°C / -22°F, T _{Smax} = 85°C / 185°F
Ambient temperature	T _{Amin} = -25°C / -13°F, T _{Amax} = specific, see Table below
CRI / R9	up to 95 / up to 65

KALYPSO True Color HYDRA	HD6	HD10	HD15	HD25	HD36
Power (W/m / W/ft) ^A	6 / 1.8	10 / 3.1	15 / 4.6	25 / 7.6	36 / 11
Efficacy (lm/W) ^A @ W850	93	93	99	97	99
max. serial run length (m / ft)	5 / 16.4	5 / 16.4	4 / 13.1	3 / 9.8	2 / 6.6
Temperature Tc-point (T _{Cmax}) ^B	70°C / 158°F	70°C / 158°F	70°C / 158°F	75°C / 167°F	85°C / 185°F
max. Ambient temperature (T _{Amax})	40°C / 104°F	40°C / 104°F	40°C / 104°F	40°C / 104°F	35°C / 95°F

		HD6	HD10	HD15	HD25	HD36
		low output → high output				
Color temperature ^C		lumen/meter (lm/m) ^A lumen/feet (lm/ft) ^A @ 60° lens ^C				
W820	2,000 K	330 / 100	550 / 167	870 / 264	1,420 / 432	2,070 / 630
W822	2,200 K	370 / 112	620 / 188	1,000 / 304	1,620 / 493	2,370 / 721
W825	2,500 K	430 / 130	710 / 215	1,140 / 346	1,850 / 563	2,710 / 825
W827	W927	2,700 K	380 / 115	640 / 194	1,210 / 368	1,970 / 599
W830	W930	3,000 K	390 / 118	650 / 197	1,280 / 389	2,090 / 636
W835	W935	3,500 K	400 / 121	670 / 203	1,350 / 410	2,190 / 667
W840	W940	4,000 K	410 / 124	680 / 206	1,380 / 420	2,240 / 682
W850		5,000 K	560 / 170	940 / 286	1,510 / 459	2,450 / 746
						3,580 / 1,090



^A The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

^B The Tc-point should be measured in thermal equilibrium according to IEC EN 60598-1.

^C In case of IP67 products, tolerances in the color temperature can occur.

Please click here to configure your fixture online

Order code

KALYPSO TC HYDRA White IP67

Your order code	KALYPSO TC	HD__	W__	__	__	__D	IP67
Order code example	KALYPSO TC	HD10	W9	27	1514	30D	IP67

LED tape

HYDRA HD6	HD6
HYDRA HD10	HD10
HYDRA HD15	HD15
HYDRA HD25	HD25
HYDRA HD36	HD36

Color rendering

> 80	8
> 90 (only HD6, HD10)	9

Color temperature

2,000 K	20
2,200 K	22
2,500 K	25
2,700 K	27
3,000 K	30
3,500 K	35
4,000 K	40
5,000 K	50

Length

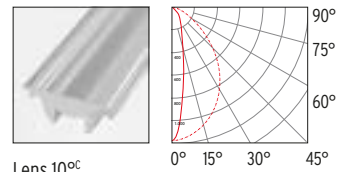
639 mm (2.1') (2 clips recommended)	0639
952 mm (3.12') (2 clips recommended)	0952
1,264 mm (4.15') (3 clips recommended)	1264
1,514 mm (4.97') (3 clips recommended)	1514
1,827 mm (6') (4 clips recommended)	1827

Lens options (DIN 5040:A50)

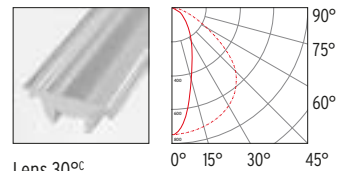
10° (degree)	10D
30° (degree)	30D
60° (degree)	60D

Ingress protection

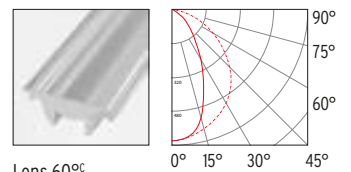
IP67	IP67
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Lens 10°c



Lens 30°c



Lens 60°c

^c DIN 5040:A50

cd/1,000 lumen

C0/C180

C90/C270

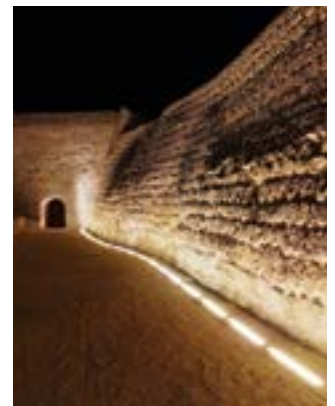


Photo: Shutterstock / Dr Ajay Kumar Singh

Please choose your accessories

Mounting	Art.-#	
<input type="checkbox"/> VarioClip 010 Set (required every 40 cm / 1.31')	13000202	
<input type="checkbox"/> Contour 010 Adjustable Wall Mount Set	13000165	
<input type="checkbox"/> Mounting Lock Set ^d (for vertical mounting)	13000287	
<input type="checkbox"/> Adjustable Mounting Clip C007/C010 L140	13000265-SIL	
<input type="checkbox"/> VarioContour 010 Inground Channel ^e (for indoor installation only)	10000576-RAL9003-FS	



Easy and clean installation due to internal mounting clips. ADONIS True Color / KALYPSO True Color H-channel also acts as cable raceway. Therefore you do not see any clips or cables from the outside.

Extensions / Jumpers (optional)	Art.-#	
<input type="checkbox"/> VarioCon Female Mini 2 x 0.34 mm ² , 2 m / 6.56' IP67	15000142	
<input type="checkbox"/> VarioCon Extension Mini 2 x 0.34 mm ² , 0.1 m / 0.33' IP67	15000143	
<input type="checkbox"/> VarioCon Female Mini Protection Cap Mono IP67 ^f	15000218	
Recommended power supply	Art.-#	
<input type="checkbox"/> Power Supply Unit IP67	16000153	
Recommended control unit	Art.-#	
<input type="checkbox"/> Control System White/IQ-White	16000268-DT6	

^d The mounting lock is used to fix the sliding mounting clips, thus allowing a vertical wall mounting.

^e Article requires end caps, please contact us for more information

^f Required for IP67 connector sealing at end of runs.