



Light Kinetics LK-LR7 Series LED Downlighters

Alpha LED Washer	Cat no.	Lamp
	LDW241-27-40-9	9w 40° 2700K
	LDW241-30-40-9	9w 40° 3000K
	LDW241-40-40-9	9w 40° 4000K
	LDW241-27-40-18	18w 40° 2700K
	LDW241-30-40-18	18w 40° 3000K
	LDW241-40-40-18	18w 40° 4000K

Alpha LED Basic	Cat no.	Lamp
	LDL77AB-27-40-9	9w 40° 2700K
	LDL77AB-30-40-9	9w 40° 3000K
	LDL77AB-40-40-9	9w 40° 4000K

Alpha LED Universal Open	Cat no.	Lamp
	LDH2000-27-40-9	9w 40° 2700K
	LDH2000-30-40-9	9w 40° 3000K
	LDH2000-40-40-9	9w 40° 4000K
	LDH2000-27-40-18	18w 40° 2700K
	LDH2000-30-40-18	18w 40° 3000K
	LDH2000-40-40-18	18w 40° 4000K

Alpha LED Universal Etched	Cat no.	Lamp
	LDH2006-27-40-9	9w 40° 2700K
	LDH2006-30-40-9	9w 40° 3000K
	LDH2006-40-40-9	9w 40° 4000K
	LDH2006-27-40-18	18w 40° 2700K
	LDH2006-30-40-18	18w 40° 3000K
	LDH2006-40-40-18	18w 40° 4000K

Alpha LED Universal Glass	Cat no.	Lamp
	LDH2001-27-40-9	9w 40° 2700K
	LDH2001-30-40-9	9w 40° 3000K
	LDH2001-40-40-9	9w 40° 4000K
	LDH2001-27-40-18	18w 40° 2700K
	LDH2001-30-40-18	18w 40° 3000K
	LDH2001-40-40-18	18w 40° 4000K

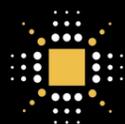
Alpha LED Universal Aqua	Cat no.	Lamp
	LDH2006IP-27-40-9	9w 40° 2700K
	LDH2006IP-30-40-9	9w 40° 3000K
	LDH2006IP-40-40-9	9w 40° 4000K
	LDH2006IP-27-40-18	18w 40° 2700K
	LDH2006IP-30-40-18	18w 40° 3000K
	LDH2006IP-40-40-18	18w 40° 4000K

Alpha LED Universal Halo	Cat no.	Lamp
	LDH2003-27-40-9	9w 40° 2700K
	LDH2003-30-40-9	9w 40° 3000K
	LDH2003-40-40-9	9w 40° 4000K
	LDH2003-27-40-18	18w 40° 2700K
	LDH2003-30-40-18	18w 40° 3000K
	LDH2003-40-40-18	18w 40° 4000K

Alpha LED Universal Drop	Cat no.	Lamp
	LDH2007-27-40-9	9w 40° 2700K
	LDH2007-30-40-9	9w 40° 3000K
	LDH2007-40-40-9	9w 40° 4000K
	LDH2007-27-40-18	18w 40° 2700K
	LDH2007-30-40-18	18w 40° 3000K
	LDH2007-40-40-18	18w 40° 4000K



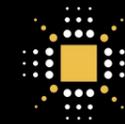
Introducing
alpha LED
 Unique Light Engine



LIGHT KINETICS
*Sustainable Lighting
 & Energy Solutions*

www.lightkinetics.com

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alpha LED

Unique Light Engine



Heatsink
Alpha LEDs unique heatsink is a key part of the thermal management system. Good temperature control is crucial for long life, consistency and high light output of LEDs.

Thermal Conductor
Thermal conductor ensures a reliable thermal connection between the spot module and heatsink.

Xicato Spot Module
The Xicato spot module uses an internal optical mixing chamber with a cold phosphor filter. This improves life and ensures the normal colour variation experienced with LEDs is not present with this system.

Reflector
Alpha LEDs high efficiency reflector is a heat formed pressing and achieves a 95% light transmission.

Alpha LED is a unique light engine and a new light source.

Until now, despite extensive attempts to resolve colour variation by binning, LEDs have produced inconsistent colour temperatures which are visible within groups of the same luminaire.

Alpha LED light engine features a unique optical mixing cavity. The mixed light passes through a cold phosphor coating to convert it to a high quality, stable and consistent white light.

Erratic colour temperatures between individual LEDs inherent with current technology are completely removed. This means there are no binning issues.

Cold phosphor technology and thermal control guarantees a long stable life. Alpha LED exhibits all the best characteristics of any existing light source.

Key Features:

- Total colour consistency
- Efficient light output - Part L compliant
- Colour temps of 2700/3000/4000
- 50,000 Lifetime with a 5 year guarantee
- Ideal halogen replacement
- Excellent colour rendering (Up to CRI 95)
- Minimal Infra red – No harmful UV
- Less than 2 year payback
- Eco-friendly – Mercury and lead free
- Supplied with driver

Light Kinetics LK-LR7 Series LED Downlighters

alpha LED Washer

Recessed adjustable downlight utilising the Alpha LED light engine, supplied with remote gear. Die-cast aluminium construction, finished in white, black or metallic silver.

⌋ Cutout Ø123mm Height 180mm



alpha LED Basic

Recessed adjustable downlight utilising the Alpha LED light engine, supplied with remote gear. Die-cast aluminium construction, finished in white, black or metallic silver.

⌋ Cutout Ø90mm Height 122mm

alpha LED Universal

Recessed downlight utilising the Alpha LED light engine, supplied with remote gear. Die-cast aluminium construction, finished in white, black or metallic silver.

⌋ Cutout Ø95mm Height 170mm



Etched



Drop



Open



Glass



Aqua



Halo

Efficacy from Q2 2009

Colour	350mA		700mA	
	9W	Lumens/Watt	18W	Lumens/Watt
4000K*	630	70	1135	64
3000K**	542	61	1002	56
2700K**	529	59	971	54

*As tested by University College London
**Undergoing final testing