

30K LabLight vs. HMI 8K Light

The Luminy's 30K LabLight™ features a wrap around soft light source that fills in shadows to bring out more detail using fewer, compact high intensity lights. For lower cost, Luminy's delivers higher illumination levels with higher quality light, as well as greater control and reliability to produce superior results for high speed photography.




	LUMINY'S 30K	HMI 8K
Color temperature variation	+ 0% to -10%	+30% to -10%
CRI (color quality)	+96	+89
CRI when boosted	No change	Significant degradation
Flicker free	0% DC fluctuation	+/- 4% AC fluctuation
Stability	Guaranteed @ 1 million fps	Irregular @ 1,000 fps
Precise timing	1 millisecond to full boost	20 seconds to full boost
Light on demand	2 second test flash	No test flash available
Cool down	8 seconds	10 minutes
Lifetime lamp degradation	10%	40%+
Lamp life	2,000 hours	500 to 1,000 hours
Lamp starts	2,000 starts	1,500 starts
Power/Weight efficiency	948 watts/pound	145 watts/pound
House power for boost	0 watts	6,000 watts
Explosion hazard	None with negative pressure	Inherent risk with 12 atmospheres



Luminy's' 30K LabLight™ is available in linear (above left) and parabolic (above right) systems.

LUMINY'S

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