



Product Brief

LUXEON H

High Voltage LED

LUXEON® H delivers superior color performance and reliability in a high voltage architecture that minimizes driver requirements making it an ideal solution for space constrained and cost sensitive retrofit bulbs and luminaires. With exceptional color stability over temperature and current, LUXEON H simplifies design while providing superior quality of light.

LUXEON H Benefits:

- Designed for the demanding compact retrofit bulb market
- Enables simplified solutions—no DC driver required
- Driven directly with rectified AC requiring just a resistor and bridge rectifier enabling more space to be allocated to thermal management
- Products with 50V 1-4 watt, 100V/200V 4-8 watt that delivers high quality of light with stable color over operating current and temperature
- LUXEON quality and reliability
- Complete optical, electrical and mechanical design resources help you get to market faster.

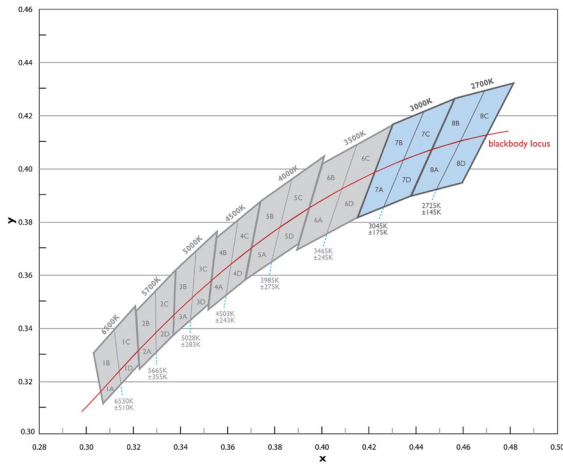


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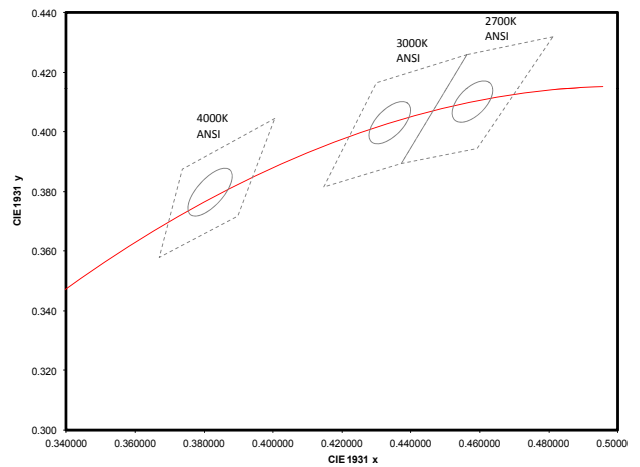
LUXEON H Illumination Characteristics

Series	Voltage	CCT (K)	Test	Min. CRI	Min. Flux (lm)	Typ. Flux (lm)	Typ. Voltage (V)	Max. Voltage (V)	Typ. Efficacy (lm/W)	Binning Description	Part Number
			Current (mA)								
H50-1	50	2700K	20	80	50	63	53	60	60	ANSI Color Binning	LXAC-PW27
H50-1	50	3000K	20	80	50	67	53	60	63	ANSI Color Binning	LXAC-PW30
H100-8	100	2700K	40	80	300	363	96	98	95	3 SDCM color; One flux, One Vf bin	LXV8-PW27-0014
H100-8	100	3000K	40	80	320	386	96	98	101	3 SDCM color; One flux, One Vf bin	LXV8-PW30-0014
H100-8	100	4000K	40	80	340	408	96	98	106	3 SDCM color; One flux, One Vf bin	LXV8-PW40-0014
H200-8	200	2700K	20	80	300	363	192	196	95	3 SDCM color; One flux, One Vf bin	LXV8-PW27-0024
H200-8	200	3000K	20	80	320	386	192	196	101	3 SDCM color; One flux, One Vf bin	LXV8-PW30-0024
H200-8	200	4000K	20	80	340	408	192	196	106	3 SDCM color; One flux, One Vf bin	LXV8-PW40-0024
H50-2	50	2700K	40	80	150	165	50	52	83	3 and 5 SDCM Color Binning	LXAC-I827
H50-2	50	3000K	40	80	160	175	50	52	88	3 and 5 SDCM Color Binning	LXAC-I830

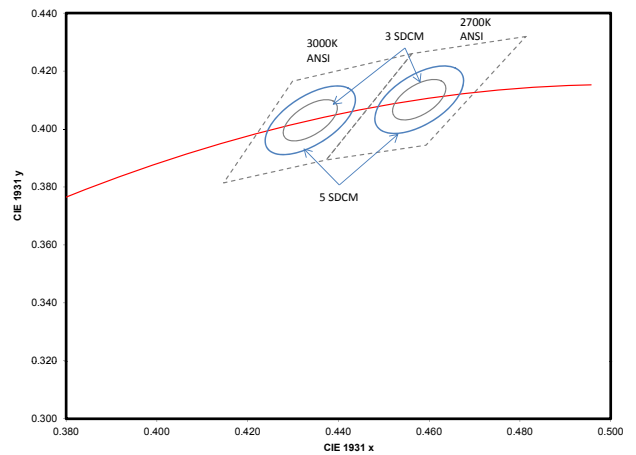
LUXEON H Binning
LXAC-PW27, LXAC-PW30



LUXEON H Binning
LXV8-PW27, LXV8-PW30, LXV8-PW40



LUXEON H Binning
LXAC-I827, LXAC-I830



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