

Extra Bright LEDs

White Color (sensitive to static electricity)

IF=20mA Ta=25°C

Device No	Color		CIE Coordinates		VF Typical (V)	Brightness (mcd)		View Angle 2θW	Drawing Figure	
	Material	Lens	x	y		Minimum	Typical			
φ 3	HB3b-449CW	GalN/SiC	Water clear	0.31	0.32	3.8	500	1000	29	4-21
	HB3b-449BW	GalN/GaN	Water clear	0.31	0.32	3.6	1040	1850	29	
	HB3b-449AW	GalN/GaN	Water clear	0.31	0.32	3.6	1300	2500	29	
	HB3h-449AW/P	GalN/GaN	Water clear	0.31	0.32	3.6	1300	2500	20	4-22
	HB3h-449AW-B/P	InGaN/GaN	Water clear	0.31	0.32	3.6	700	1350	35	4-23
φ 5	HB5-439CW	GalN/SiC	Water clear	0.31	0.32	3.8	700	1500	20	4-24
	HB5-439BW	GalN/GaN	Water clear	0.31	0.32	3.6	1500	3300	20	
	HB5-439AW	GalN/GaN	Water clear	0.31	0.32	3.6	1800	4000	20	
	HB5-439BW-C	GalN/GaN	Water clear	0.31	0.32	3.6	500	1000	40	
	HB5-439AW-C	GalN/GaN	Water clear	0.31	0.32	3.6	600	1300	40	4-25
	HB5-439AWb/P	GalN/GaN	Water clear	0.31	0.32	3.6	1800	3800	20	
	HB5-439AW/P	GalN/GaN	Water clear	0.31	0.32	3.6	2000	4000	20	4-26
	HB5-439AWb-C/P	GalN/GaN	Water clear	0.31	0.32	3.6	600	1200	40	
HB5-439AW-C/P	GalN/GaN	Water clear	0.31	0.32	3.6	600	1500	50		

Dimension:

Unit : mm.

