



МОЩНЫЕ  
СВЕТОДИОДЫ



## Оглавление

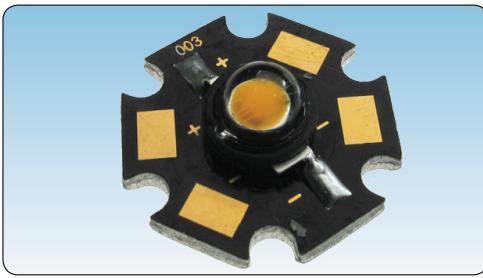
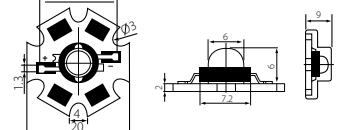
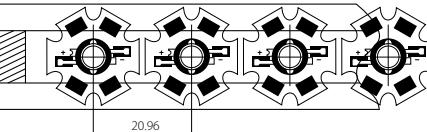
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**Мощные светодиоды 0.5 Вт без линзы (SMD) SMD 5730**

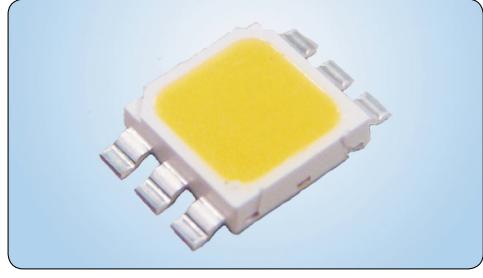
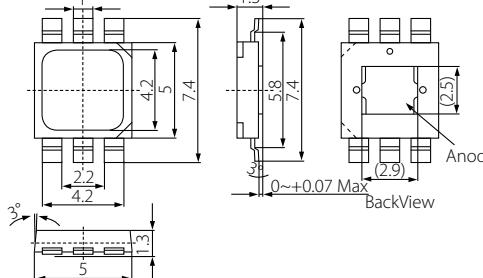
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
LED-5730D21W-S 0.5W	WHITE	6500°K	150	3.2	3.5	28	33	120°

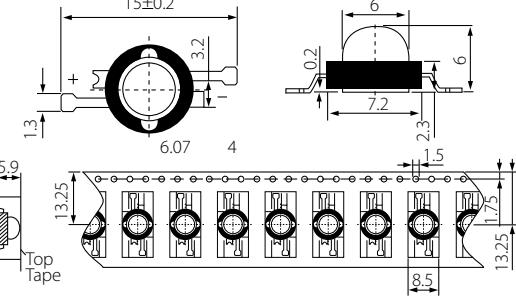
**Мощные светодиоды 0.5 Вт без платы (Emitter) LED-0.5W**

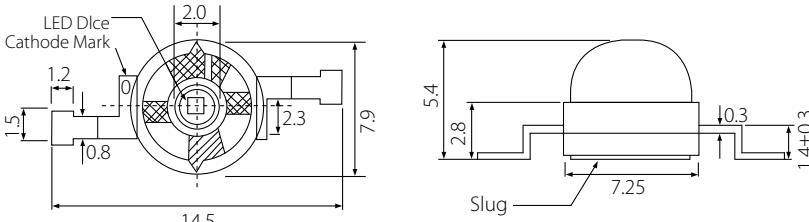
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
LED-0.5W Red	RED	625	150	2.0	2.8	8,2	23,5	140°
LED-0.5W Yellow	YELLOW	575	150	2.0	2.8	3,5	9,1	140°
LED-0.5W Green	GREEN	525	150	3.0	3.6	18,1	34,9	140°
LED-0.5W Blue	BLUE	470	150	3.0	3.6	2,9	8,2	140°
LED-0.5W White	WHITE	6000°K	150	3.0	3.6	13,9	30,6	140°
LED-0.5W WarmWhite	Warm WHITE	3500°K	150	3.0	3.6	13,9	30,6	140°

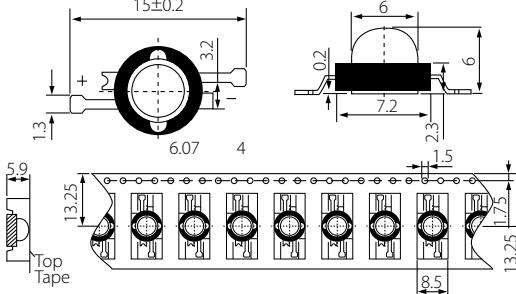
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda$ p (nm)		Min.	Max.	Min.	Typ.	
								
LED-Star-0.5W White	WHITE	6000°K	150	3.0	3.6	13,9	30,6	140°
LED-Star-0.5W WarmWhite	Warm WHITE	3500°K	150	3.0	3.6	13,9	30,6	140°

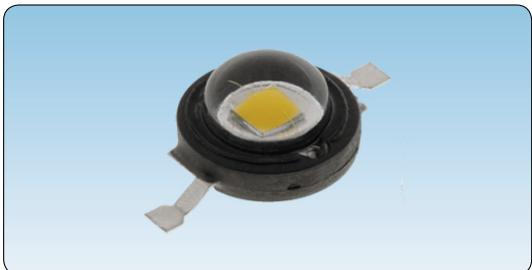
**Мощные светодиоды [1W корпус SMD 5050]**

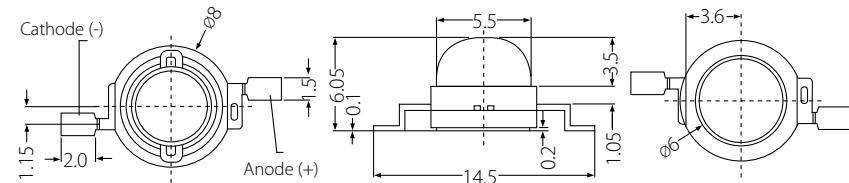
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda$ p (nm)		Min.	Max.	Min.	Typ.	
								
LED-5050RXAT 1W Red	RED	625	150	2	3	40	50	120°
LED-5050YXAT 1W Yellow	YELLOW	575	150	2	3	40	50	120°
LED-5050GXAT 1W Green	GREEN	525	150	3	4	70	80	120°
LED-5050BXAT 1W Blue	BLUE	470	150	3	4	10	15	120°
LED-5050WXAT 1W White	WHITE	6000°K	150	3	4	75	85	120°
LED-5050WYXAT 1W WarmWhite	Warm WHITE	3500°K	150	3	4	60	70	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-ES-1W Red	RED	625	350	2.4	2.6	30	40	140°
LED-ES-1W Orange	Orange	600	350	2.4	2.6	30	50	140°
LED-ES-1W Yellow	YELLOW	585	350	2.4	2.6	30	35	140°
LED-ES-1W Green	GREEN	520	350	3.4	3.6	50	60	140°
LED-ES-1W Blue	BLUE	470	350	3.0	3.8	15	30	140°
LED-ES-1W White 100Lm 6000K	WHITE	6000°K	350	3.4	3.8	90	100	120°
LED-ES-1W White 120Lm 6000K	WHITE	6000°K	350	3.4	3.8	110	120	120°
LED-ES-1W White 90Lm 6000K	WHITE	6000°K	350	3.4	3.8	80	90	120°
LED-ES-1W WarmWhite 100Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	90	100	120°
LED-ES-1W WarmWhite 110Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	100	110	120°
LED-ES-1W WarmWhite 90Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	80	90	120°

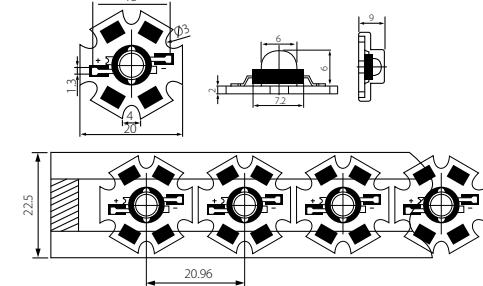
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-49KWG (1W White, 6000K)	WHITE	6000°K	350	3.4	3.8	95	105	120°
LED-49KYWG (1W White, 4000K)	WHITE	4000°K	350	3.4	3.8	90	100	120°
LED-49KWG (1W White 6000K)	WHITE	6000°K	350	3.4	3.8	95	105	25°
LED-49KYWG (1W White, 4000K)	WHITE	4000°K	350	3.4	3.8	90	100	25°
LED-49KYWG (1W WarmWhite, 3300K)	Warm WHITE	3300°K	350	3.4	3.8	85	95	120°
LED-49KYWG (1W WarmWhite, 3300K)	Warm WHITE	3300°K	350	3.4	3.8	85	95	25°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-1W Red (ER1E)	RED	625	350	2.4	2.6	35	40	140°
LED-1W Yellow (YEa1E)	YELLOW	575	350	2.4	2.6	30,6	34	140°
LED-1W Green (GNH1E)	GREEN	525	350	3.4	3.6	60	70	140°
LED-1W Blue (BN11E)	BLUE	470	350	3.0	3.8	10,7	12	140°
LED-1W UV400	Violet	400	350	3.4	3.8	8	10	140°
LED-1W Day White (100 Lm, 4500K)	WHITE	4500°K	350	3.4	3.8	87	100	120°
LED-1W N-White (100 Lm)	WHITE	4000°K	350	3.4	3.8	87	100	120°
LED-1W White (100 Lm)	WHITE	6000°K	350	3.4	3.8	87	99,7	120°
LED-1W White (100 Lm, BIN U2)	WHITE	6000°K	350	3.4	3.8	99,7	113	120°
LED-1W White (C61E)	WHITE	6000°K	350	3.4	3.8	67	99	140°
LED-1W WarmWhite (85 Lm)	Warm WHITE	3500°K	350	3.4	3.8	76	87	120°
LED-1W WarmWhite (C61E)	Warm WHITE	3500°K	350	3.4	3.8	67	87	140°

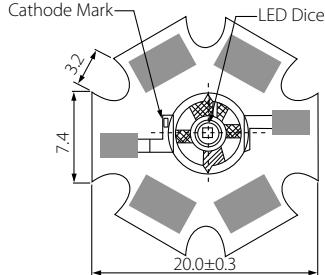
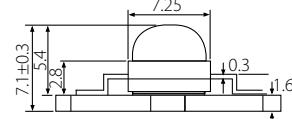
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-OS-1W White (100 Lm, 6000K)	WHITE	6000°K		350	3.4	3.8	90	100
LED-OS-1W White (85 Lm, 6000K)	WHITE	6000°K		350	3.4	3.8	75	85
LED-OS-1W WarmWhite (75 Lm, 3000K)	Warm WHITE	3000°K		350	3.4	3.8	65	75
LED-OS-1W WarmWhite (90 Lm, 3000K)	Warm WHITE	3000°K		350	3.4	3.8	80	90



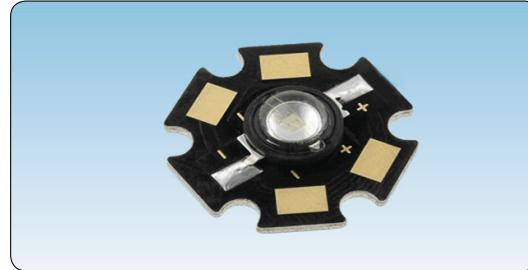
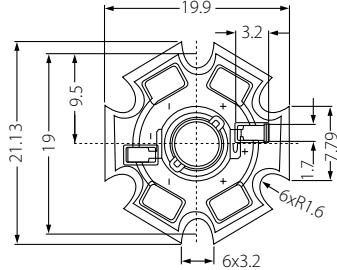
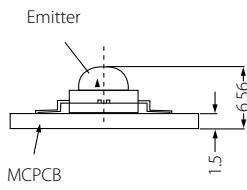
**Мощные светодиоды 1W на плате (STAR type) Серия ES корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-ES-STAR-1W Red	RED	625	350	2.4	2.6	30	40	140°
LED-ES-STAR-1W Orange	Orange	600	350	2.4	2.6	30	50	140°
LED-ES-STAR-1W Yellow	YELLOW	585	350	2.4	2.6	30	35	140°
LED-ES-STAR-1W Green	GREEN	520	350	3.4	3.6	50	60	140°
LED-ES-STAR-1W Blue	BLUE	470	350	3.0	3.8	15	30	140°
LED-ES-STAR-1W White 100Lm 6000K	WHITE	6000°K	350	3.4	3.8	90	100	120°
LED-ES-STAR-1W White 120Lm 6000K	WHITE	6000°K	350	3.4	3.8	110	120	120°
LED-ES-STAR-1W White 90Lm 6000K	WHITE	6000°K	350	3.4	3.8	80	90	120°
LED-ES-STAR-1W WarmWhite 100Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	90	100	120°
LED-ES-STAR-1W WarmWhite 110Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	100	110	120°
LED-ES-STAR-1W WarmWhite 90Lm 3500K	Warm WHITE	3500°K	350	3.4	3.8	80	90	120°

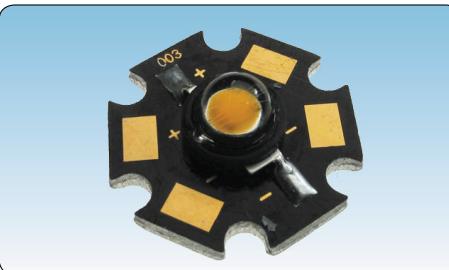
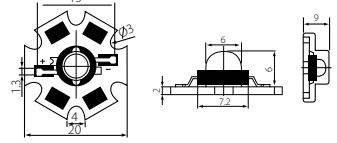
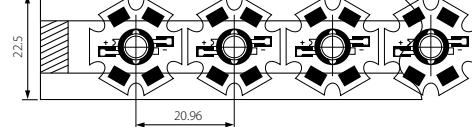
**Мощные светодиоды 1W на плате (STAR type) Серия НР корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-49KWG/WPCB (1W White, 6000K)	WHITE	6000°K	350	3.4	3.8	95	105	120°
LED-49KYWG/WPCB (1W White, 4000K)	WHITE	4000°K	350	3.4	3.8	90	100	120°

**Мощные светодиоды 1W на плате (STAR type) Серия OS корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-OS-STAR-1W White (100 Lm, 6000K)	WHITE	6000°K	350	3.4	3.8	90	100	120°
LED-OS-STAR-1W White (85 Lm, 6000K)	WHITE	6000°K	350	3.4	3.8	75	85	120°
LED-OS-STAR-1W WarmWhite (75 Lm, 3000K)	Warm WHITE	3000°K	350	3.4	3.8	65	75	120°
LED-OS-STAR-1W WarmWhite (90 Lm, 3000K)	Warm WHITE	3000°K	350	3.4	3.8	80	90	120°

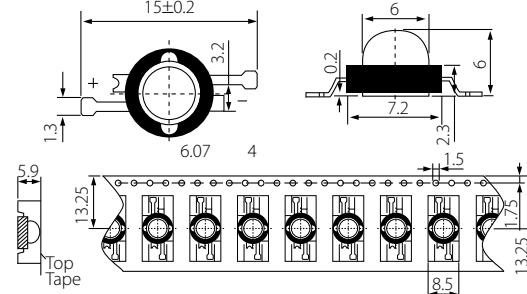
**Мощные светодиоды 1W на плате (STAR type) Корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-Star-1W Red (RER1E)	RED	625	350	2.4	2.6	35	40	140°
LED-Star-1W Yellow (YEA1E)	YELLOW	575	350	2.4	2.6	30,6	34	140°
LED-Star-1W Green (GNH1E)	GREEN	525	350	3.4	3.6	60	70	140°
LED-Star-1W Blue (BN11E)	BLUE	470	350	3.0	3.8	10,7	12	140°
LED-Star-1W UV400	Violet	400	350	3.4	3.8	8	10	140°
LED-Star-1W N-White (100 Lm)	WHITE	4000°K	350	3.4	3.8	87	100	120°
LED-Star-1W White (100 Lm)	WHITE	6000°K	350	3.4	3.8	87	100	120°
LED-Star-1W White (100 Lm, BIN U2)	WHITE	6000°K	350	3.4	3.8	99,7	113	120°
LED-Star-1W White (WC61E)	WHITE	6000°K	350	3.4	3.8	67	99	140°
LED-Star-1W WarmWhite (85 Lm)	Warm WHITE	3500°K	350	3.4	3.8	76	87	120°

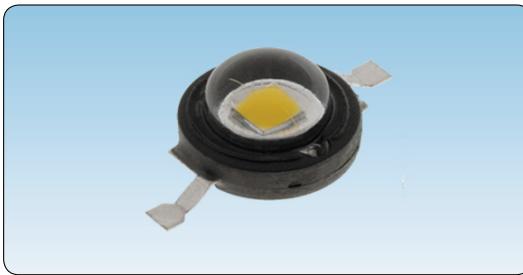
**Мощные светодиоды сборки Мощные 1W сборки 3LED**

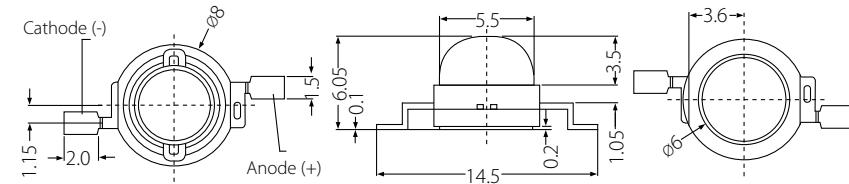
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
Сборка LED-3x1W White C11E 12V (15° LENS)	WHITE	6000°K	350	12	12	87	130	15°
Сборка LED-3x1W White C11E 12V (30° LENS)	WHITE	6000°K	350	12	12	87	130	30°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-ES-3W Red	RED	625	800	2.4	2.6	60	70	140°
LED-ES-3W Orange	Orange	600	800	2.4	2.6	50	75	140°
LED-ES-3W Yellow	YELLOW	585	800	2.4	2.6	60	80	140°
LED-ES-3W Green	GREEN	520	800	3.4	3.6	90	110	140°
LED-ES-3W Blue	BLUE	470	800	3.0	3.8	30	40	140°
LED-ES-3W White 180Lm 6000K	WHITE	6000°K	700	3.4	3.8	160	180	120°
LED-ES-3W White 200Lm 6000K	WHITE	6000°K	700	3.4	3.8	180	200	120°
LED-ES-3W White 220Lm 6000K	WHITE	6000°K	700	3.4	3.8	200	220	120°
LED-ES-3W WarmWhite 180Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	160	180	120°
LED-ES-3W WarmWhite 200Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	180	200	120°
LED-ES-3W WarmWhite 210Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	200	210	120°

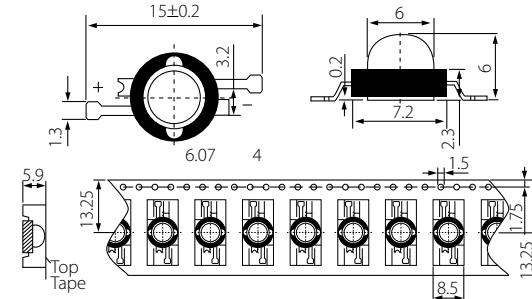


**Мощные светодиоды 3W без платы (Emitter) Серия OS корпус Emitter**

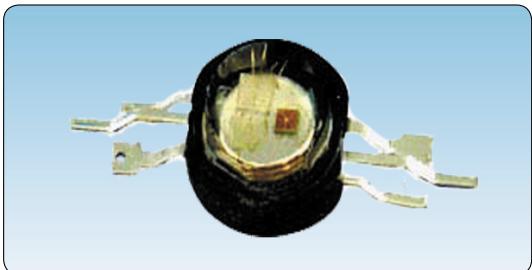
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-OS-3W White (200 Lm, 6000K)	WHITE	6000°K	700	3.3	4.0	180	200	120°
LED-OS-3W WarmWhite (180 Lm, 3000K)	Warm WHITE	3500°K	700	3.3	4.0	160	180	120°


**Мощные светодиоды 3W без платы (Emitter) Корпус Emitter**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-3W RED (140°, RER3E)	RED	625	800	2.0	2.8	30,6	51,7	140°
LED-3W Yellow (140°)	YELLOW	585	800	2.4	3.0	40	52	140°
LED-3W GREEN (140°, GNH3E)	GREEN	520	800	3.0	3.6	67,2	133,6	140°
LED-3W BLUE (140°, BC83E)	BLUE	470	800	3.0	3.8	18	24	140°
LED-3W N-White (180 Lm)	WHITE	5000°K	700	3.8	4.0	168	192	120°
LED-3W WHITE (140°, WC83E)	WHITE	6000°K	800	3.0	3.8	147	168	140°
LED-3W White (180 Lm)	WHITE	6000°K	700	3.8	4.0	168	192	120°
LED-3W WarmWhite (140°, WJ83E)	Warm WHITE	4000°K	800	3.0	3.8	130	168	140°
LED-3W WarmWhite (160 Lm)	Warm WHITE	3500°K	700	3.6	4.0	147	168	120°

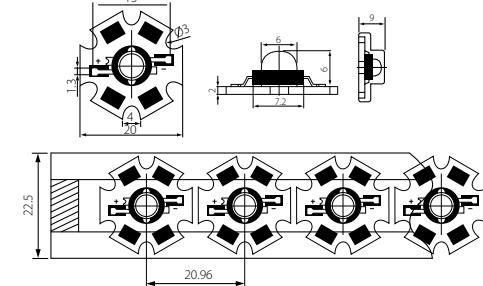


**Мощные светодиоды 3W без платы (EMITTER) Корпус Emitter RGB**

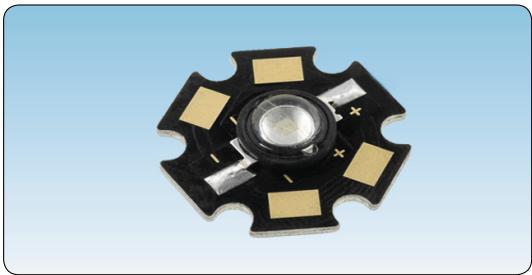
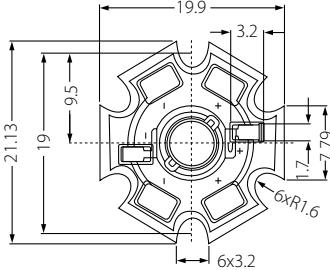
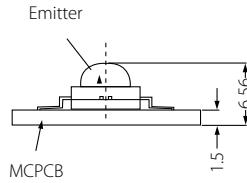
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
				19.9	15.5	7.2	6	
LED-3W RGB/6-pin (140°, RGBF71E)	RED	625	350	2.0	2.8	23.5	27.8	140°
	GREEN	520	350	3.0	3.6	45.3	65.9	140°
	BLUE	470	350	3.0	3.8	6.3	8.6	140°

**Мощные светодиоды 3W без платы (EMITTER) Корпус OS Emitter RGB**

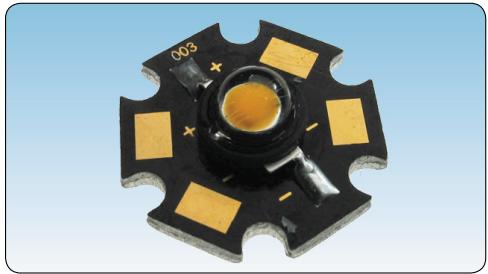
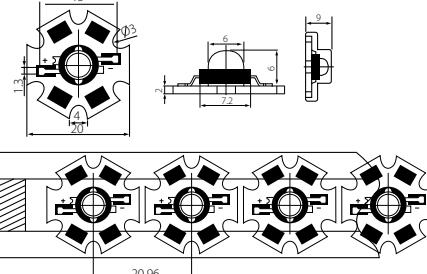
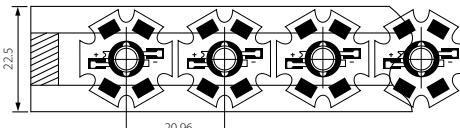
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
				4.4	6.05	14.5	0.2	
LED-OS-3W RGB/6-pin (120°, 50/70/15 Lm)	RED	625	350	2.0	3.0	40	50	120°
	GREEN	520	350	3.0	4.0	60	70	120°
	BLUE	470	350	3.0	4.0	14	15	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-ES-STAR-3W Red	RED	625	800	2.4	2.6	60	70	140°
LED-ES-STAR-3W Orange	Orange	600	800	2.4	2.6	50	75	140°
LED-ES-STAR-3W Yellow	YELLOW	585	800	2.4	2.6	60	80	140°
LED-ES-STAR-3W Green	GREEN	520	800	3.4	3.6	90	110	140°
LED-ES-STAR-3W Blue	BLUE	470	800	3.0	3.8	30	40	140°
LED-ES-STAR-3W White 180Lm 6000K	WHITE	6000°K	700	3.4	3.8	160	180	120°
LED-ES-STAR-3W White 200Lm 6000K	WHITE	6000°K	700	3.4	3.8	180	200	120°
LED-ES-STAR-3W White 220Lm 6000K	WHITE	6000°K	700	3.4	3.8	200	220	120°
LED-ES-STAR-3W WarmWhite 180Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	160	180	120°
LED-ES-STAR-3W WarmWhite 200Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	180	200	120°
LED-ES-STAR-3W WarmWhite 210Lm 3500K	Warm WHITE	3500°K	700	3.4	3.8	200	210	120°

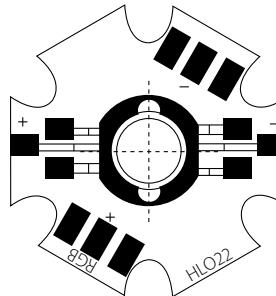
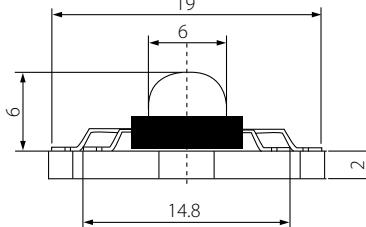
**Мощные светодиоды 3W на плате (STAR type) Серия OS корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-OS-STAR-3W White (200 Lm, 6000K)	WHITE	6000°K	700	3.3	4.0	180	200	120°
LED-OS-STAR-3W Warm (180 Lm, 3000K)	Warm WHITE	3500°K	700	3.3	4.0	160	180	120°

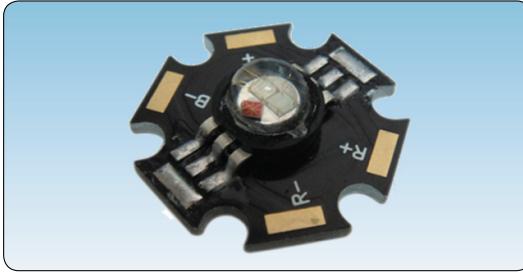
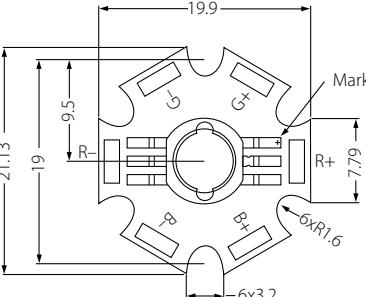
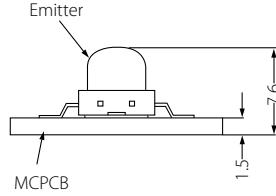
**Мощные светодиоды 3W на плате (STAR type) Корпус Star**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-Star-3W RED (140°, REQ3E)	RED	625	800	2.0	2.8	30,6	51,7	140°
LED-Star-3W YELLOW (140°, YEB3E)	YELLOW	585	800	2.4	3.0	40	52	140°
LED-Star-3W GREEN (140°, GBG3E)	GREEN	520	800	3.0	3.6	67,2	133,6	140°
LED-Star-3W BLUE (140°, BB43E)	BLUE	470	800	3.0	3.8	18	24	140°
LED-Star D-3W WHITE (110°, WJ73D)	WHITE	6000°K	800	3.8	4.0	76	129	140°
LED-Star-3W N-White (180 Lm)	WHITE	5000°K	700	3.8	4.0	168	192	120°
LED-Star-3W WHITE (140°, WJ73E)	WHITE	6000°K	800	3.0	3.8	147	168	140°
LED-Star-3W White (180 Lm)	WHITE	6000°K	700	3.8	4.0	168	192	120°
LED-Star-3W WarmWhite (140°, WJ73E)	Warm WHITE	4000°K	800	3.0	3.8	130	168	140°
LED-Star-3W WarmWhite (160 Lm)	Warm WHITE	3500°K	700	3.6	4.0	147	168	120°

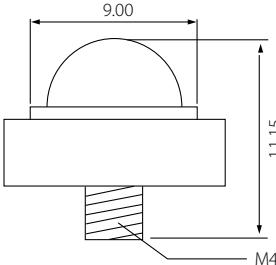
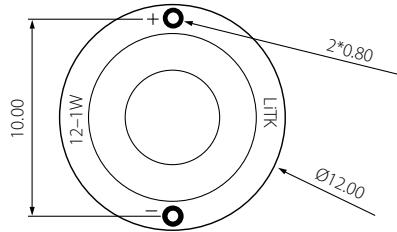
**Мощные светодиоды 3W на плате (STAR type) Корпус Star RGB**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda \text{ p (nm)}$		Min.	Max.	Min.	Typ.	
								
LED-Star 3W RGB/6-pin (140°,RGBF71E)	RED	625	350	2.0	2.8	23.5	27.8	140°
	GREEN	520	350	3.0	3.6	45.3	65.9	140°
	BLUE	470	350	3.0	3.8	6.3	8.6	140°

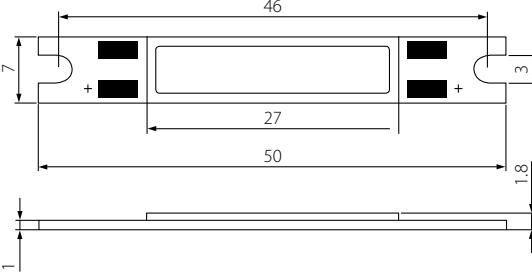
**Мощные светодиоды W на плате (STAR type) Корпус OS-Star RGB**

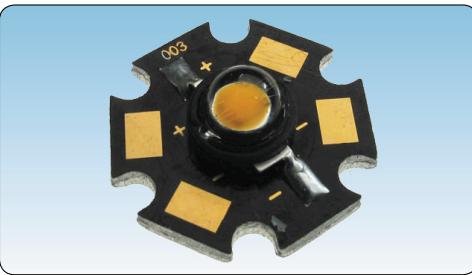
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda \text{ p (nm)}$		Min.	Max.	Min.	Typ.	
								
LED-OS-STAR-3W RGB/6-pin (120°, 50/70/15 Lm)	RED	625	350	2.0	3.0	40	50	120°
	GREEN	520	350	3.0	4.0	60	70	120°
	BLUE	470	350	3.0	4.0	14	15	120°

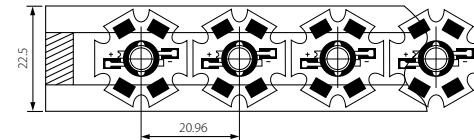
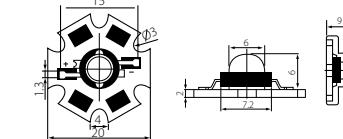
**Мощные светодиоды 3W корпус LiTK**  **корпус M4 LiTK** 

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-LiTK-3W-60 White	WHITE	6000°K	700	3.8	4.0	120	130	60°
LED-LiTK-3W-180 White	WHITE	6000°K	700	3.8	4.0	125	135	180°
LED-LiTK-3WW-180 WarmWhite	Warm WHITE	3500°K	700	3.8	4.0	110	120	180°
LED-LiTK-3WW-60 WarmWhite	Warm WHITE	3500°K	700	3.8	4.0	110	120	60°

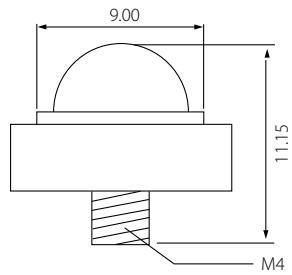
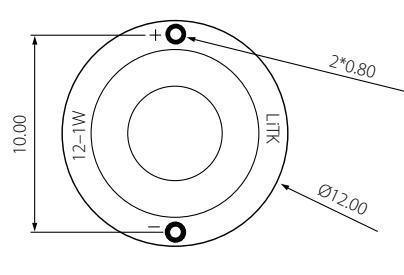
**Мощные светодиоды 5W на плате (STAR type)**  **корпус 50x7 мм** 

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
Полоска LED-LB001D17 White (120°, 50x7x1.8 мм)	WHITE	5000°K	500	9.7	10.5	130	190	120°

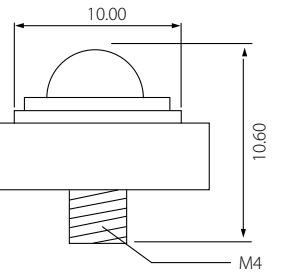
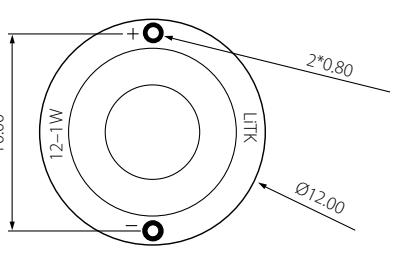
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-Star-5W RED (140°, ERER5E)	RED	625		1200	2.0	2.8	59.8	99.7
LED-Star-5W YELLOW	YELLOW	585		1200	2.2	2.8	87	100
LED-Star-5W GREEN (140°, EGNH5E)	GREEN	520		1200	3.2	4.2	133.6	192
LED-Star-5W BLUE (140°, EBJ85E)	BLUE	470		1200	3.2	4.0	23.5	39.8
LED-Star-5W WHITE (140°, EWJ85E)	WHITE	6000°K		1200	3.2	4.0	170	218.9
LED-Star-5W WHITE 6000K	WHITE	6000°K		1200	3.2	4.0	170	218.9
LED-Star-5W WarmWhite (140°, EWJ85E)	Warm WHITE	3500°K		1200	3.2	4.0	170	220



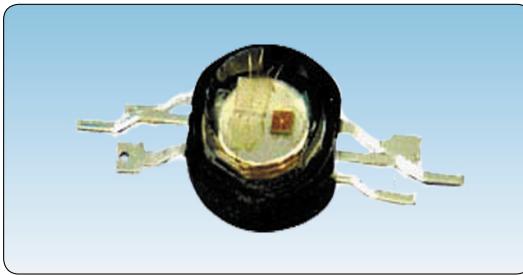
**Мощные светодиоды 5W корпус LiTK корпус LiTK-180°**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-LiTK-5W RED 180deg	RED	625	1400	2.3	2.6	110	120	180°
LED-LiTK-5W YELLOW 180deg	YELLOW	585	1400	2.4	2.7	100	110	180°
LED-LiTK-5W GREEN 180deg	GREEN	520	700	6.5	7.5	160	170	180°
LED-LiTK-5W BLUE 180deg	BLUE	470	700	6.5	7.5	50	60	180°
LED-LiTK-5W-180 White	WHITE	6000°K	700	6.5	7.5	160	170	180°
LED-LiTK-5WW-180 WarmWhite	Warm WHITE	3500°K	700	6.5	7.5	160	170	180°

**Мощные светодиоды 5W корпус LiTK корпус LiTK-60°**

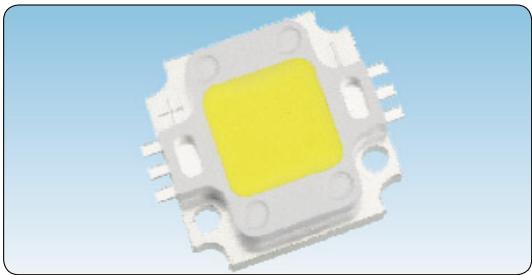
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-LiTK-5W RED 60deg	RED	625	1400	2.3	2.6	110	120	60°
LED-LiTK-5W YELLOW 60deg	YELLOW	585	1400	2.4	2.7	100	110	60°
LED-LiTK-5W GREEN 60 deg	GREEN	520	700	6.5	7.5	160	170	60°
LED-LiTK-5W BLUE 60deg	BLUE	470	700	6.5	7.5	50	60	60°
LED-LiTK-5W-60 White	WHITE	6000°K	700	6.5	7.5	160	170	60°
LED-LiTK-5WW-60 WarmWhite	Warm WHITE	3500°K	700	6.5	7.5	160	170	60°

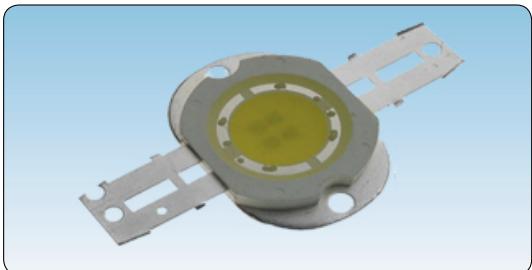
**Мощные светодиоды 9W без платы (EMITTER) Корпус Emitter RGB**

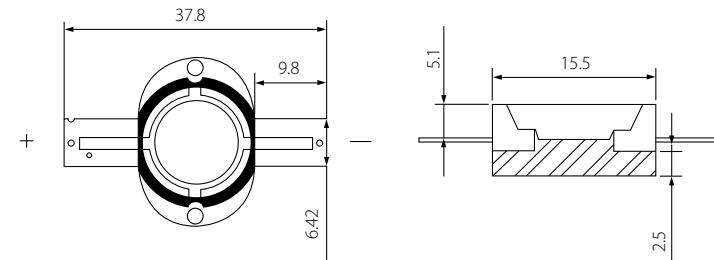
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
				19.9	15.5	7.2	6	
LED-9W RGB/6-pin (RGBF93)	RED	625	800	2.0	3.0	77	87	140°
	GREEN	520	800	3.0	4.0	100	114	140°
	BLUE	470	800	3.0	4.0	24	27	140°

**Мощные светодиоды 9W на плате (STAR type) Корпус Star RGB**

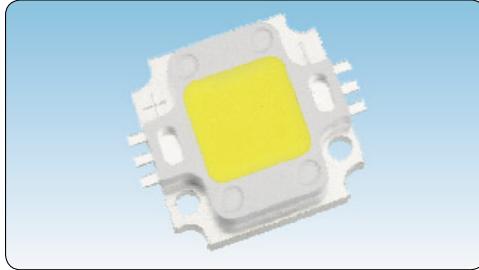
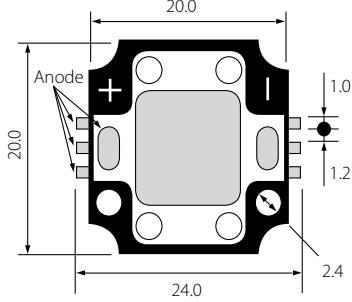
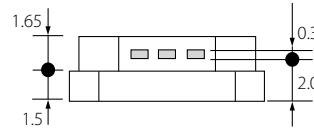
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
				19	6	14.8	2	
LED-Star-9W RGB/6-pin (RGBF93)	RED	625	800	2.0	3.0	77	87	140°
	GREEN	520	800	3.0	4.0	100	114	140°
	BLUE	470	800	3.0	4.0	24	27	140°

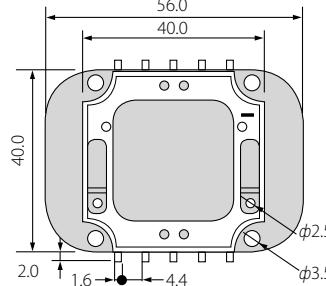
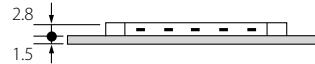
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
				20.0				
LED-45K10R (10W Red)	RED	625	700	8.5	9.0	525	535	120°
LED-44K10Y (10W Yellow)	YELLOW	585	700	8.5	9.0	507	517	120°
LED-43K10G (10W Green)	GREEN	520	700	13.5	14.0	665	675	120°
LED-48K10B (10W Blue)	BLUE	470	700	13.5	14.0	280	290	120°
LED-19K10BW (10W White, 8000K)	WHITE	8000°K	700	13.5	14.0	700	710	120°
LED-19K10W (10W White 6000K)	WHITE	6000°K	700	13.5	14.0	700	710	120°
LED-19K10NW (10W White, 4000K)	WHITE	4000°K	700	13.5	14.0	680	690	120°
LED-19K10YW (10W WarmWhite 3300K)	Warm WHITE	3300°K	700	13.5	14.0	630	640	120°
LED-45K10R-D (10W Red)	RED	625	1050	6.5	7.0	570	580	120°
LED-44K10Y-D (10W Yellow)	YELLOW	585	1050	6.5	7.0	550	560	120°
LED-43K10G-D (10W Green)	GREEN	520	1050	9.7	10.5	727	728	120°
LED-48K10B-D (10W Blue)	BLUE	470	1050	9.7	10.5	306	316	120°
LED-19K10BW-D (10W White, 8000K)	WHITE	8000°K	1050	9.7	10.5	765	775	120°
LED-19K10W-D (10W White 6000K)	WHITE	6000°K	1050	9.7	10.5	765	775	120°
LED-19K10NW-D (10W White, 4000K)	WHITE	4000°K	1050	9.7	10.5	743	753	120°
LED-19K10YW-D (10W WarmWhite 3300K)	Warm WHITE	3300°K	1050	9.7	10.5	688	698	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-10W Red	RED	625	700	7.2	7.6	275	300	140°
LED-10W Yellow	YELLOW	585	700	7.2	7.6	250	285	140°
LED-10W Green	GREEN	520	700	14.0	16.0	580	617	140°
LED-10W Blue	BLUE	470	700	14.0	16.0	90	100	140°
LED-10W White 6000K	WHITE	6000°K	1400	7.5	8.0	300	450	140°
LED-10W WarmWhite 4500K	Warm WHITE	4500°K	1400	7.5	8.0	300	450	140°

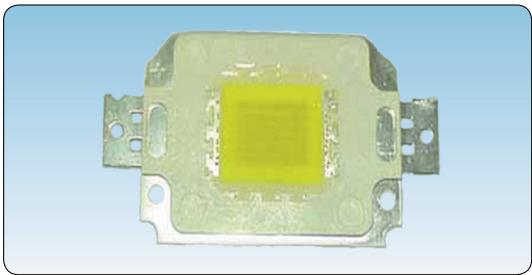
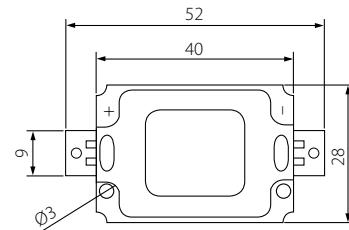


Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda_p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-55K15R (15W Red)	RED	625	1400	6.8	7.0	748	758	120°
LED-54K15Y (15W Yellow)	YELLOW	585	1400	6.8	7.0	722	732	120°
LED-53K15G (15W Green)	GREEN	520	1400	9.5	10.5	957	967	120°
LED-58K15BG (15W Blue)	BLUE	470	1400	9.5	10.5	425	435	120°
LED-59K15BW (15W White, 8000K)	WHITE	8000°K	1400	9.5	10.5	1007	1017	120°
LED-59K15BWG (15W White, 8000K)	WHITE	8000°K	1400	9.5	10.5	1078	1088	120°
LED-59K15W (15W White, 6000K)	WHITE	6000°K	1400	9.5	10.5	1007	1017	120°
LED-59K15WG (15W White, 6000K)	WHITE	6000°K	1400	9.5	10.5	1087	1088	120°
LED-59K15NW (15W White, 4000K)	WHITE	4000°K	1400	9.5	10.5	978	988	120°
LED-59K15NWG (15W White, 4000K)	WHITE	4000°K	1400	9.5	10.5	1047	1057	120°
LED-59K15YW (15W WarmWhite, 3300K)	Warm WHITE	3300°K	1400	9.5	10.5	905	915	120°
LED-59K15YWG (15W WarmWhite, 3300K)	Warm WHITE	3300°K	1400	9.5	10.5	970	980	120°

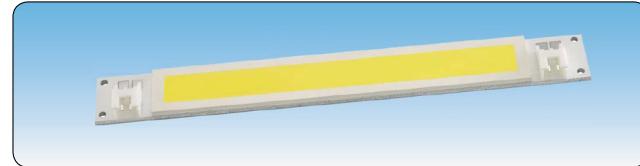
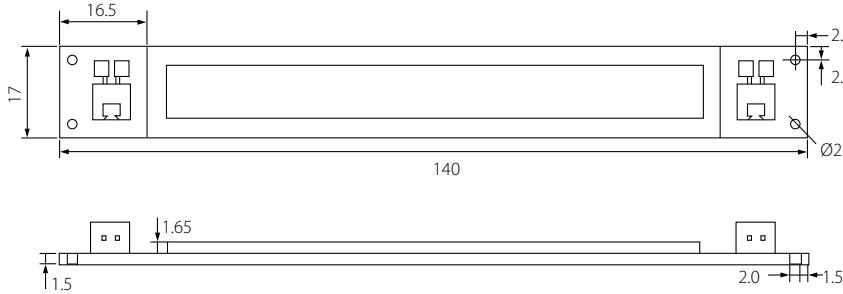
Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-45K20R (20W Red)	RED	625	1400	8.2	9.0	1320	1330	120°
LED-44K20Y (20W Yellow)	YELLOW	585	1400	8.2	9.0	1004	1014	120°
LED-43K20G (20W Green)	GREEN	520	1400	13.8	14.0	1040	1050	120°
LED-48K20B (20W Blue)	BLUE	470	1400	13.8	14.0	550	560	120°
LED-48K20BG (20W Blue)	BLUE	470	1400	13.8	14.0	590	600	120°
LED-19K20BW (20W White, 8000K)	WHITE	8000°K	1400	13.8	14.0	1390	1400	120°
LED-19K20Bwg (20W White, 8000K)	WHITE	8000°K	1400	13.8	14.0	1490	1500	120°
LED-19K20W (20W White, 6000K)	WHITE	6000°K	1400	13.8	14.0	1390	1400	120°
LED-19K20WG (20W White, 6000K)	WHITE	6000°K	1400	13.8	14.0	1490	1500	120°
LED-19K20NW (20W White, 4000K)	WHITE	4000°K	1400	13.8	14.0	1350	1360	120°
LED-19K20NWG (20W White, 4000K)	WHITE	4000°K	1400	13.8	14.0	1445	1455	120°
LED-19K20YW (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1400	13.8	14.0	1250	1260	120°
LED-19K20YWG (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1400	13.8	14.0	1338	1348	120°
LED-45K20R-D (20W Red)	RED	625	1750	6.8	7.0	1320	1330	120°
LED-44K20Y-D (20W Yellow)	YELLOW	585	1750	6.8	7.0	1004	1014	120°
LED-43K20G-D (20W Green)	GREEN	520	1750	9.5	10.5	1040	1050	120°
LED-48K20B-D (20W Blue)	BLUE	470	1750	9.5	10.5	550	560	120°
LED-48K20BG-D (20W Blue)	BLUE	470	1750	10.8	11.0	590	600	120°
LED-19K20BW-D (20W White, 8000K)	WHITE	8000°K	1750	9.5	10.5	1390	1400	120°
LED-19K20Bwg-D (20W White, 8000K)	WHITE	8000°K	1750	10.8	11.0	1490	1500	120°
LED-19K20W-D (20W White, 6000K)	WHITE	6000°K	1750	9.5	10.5	1390	1400	120°
LED-19K20WG-D (20W White, 6000K)	WHITE	6000°K	1750	10.8	11.0	1490	1500	120°
LED-19K20NW-D (20W White, 4000K)	WHITE	4000°K	1750	9.5	10.5	1350	1360	120°
LED-19K20NWG-D (20W White, 4000K)	WHITE	4000°K	1750	10.8	11.0	1445	1455	120°
LED-19K20YW-D (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	9.5	10.5	1250	1260	120°
LED-19K20YWG-D (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	10.8	11.0	1338	1348	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-45K30R (20W Red)	RED	625	1750	9.5	10.5	1680	1690	120°
LED-44K30Y (20W Yellow)	YELLOW	585	1750	9.5	10.5	1630	1640	120°
LED-43K30G (20W Green)	GREEN	520	1750	16.8	17.0	2140	2150	120°
LED-48K30B (20W Blue)	BLUE	470	1750	16.8	17.0	800	810	120°
LED-48K30BG (20W Blue)	BLUE	470	1750	16.8	17.0	900	910	120°
LED-19K30BW (20W White, 8000K)	WHITE	8000°K	1750	16.8	17.0	2020	2030	120°
LED-19K30Bwg (20W White, 8000K)	WHITE	8000°K	1750	16.8	17.0	2290	2300	120°
LED-19K30W (20W White, 6000K)	WHITE	6000°K	1750	16.8	17.0	2020	2030	120°
LED-19K30WG (20W White, 6000K)	WHITE	6000°K	1750	16.8	17.0	2290	2300	120°
LED-19K30NW (20W White, 4000K)	WHITE	4000°K	1750	16.8	17.0	1975	1985	120°
LED-19K30NWG (20W White, 4000K)	WHITE	4000°K	1750	16.8	17.0	2175	2185	120°
LED-19K30YW (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	16.8	17.0	1820	1830	120°
LED-19K30YWG (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	16.8	17.0	2060	2070	120°

**Мощные светодиоды ☀ 30 Вт светодиодная матрица ☀ Корпус 52x28 мм**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle	
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.		
									
LED-30W White 6000K	WHITE	6000°K		1200	24.0	30.0	1400	1700	140°
LED-30W WarmWhite 4500K	Warm WHITE	4500°K		1200	24.0	30.0	1400	1700	140°

**Мощные светодиоды ☀ 30 Вт светодиодная полоска ☀ Корпус 140x17 мм**

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle	
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.		
									
LED-55K30R (30W Red)	RED	625		1400	13.5	14.0	1387	1397	120°
LED-54K30Y (30W Yellow)	YELLOW	585		1400	13.5	14.0	1339	1349	120°
LED-53K30G (30W Green)	GREEN	520		1400	20.5	21.0	1759	1769	120°
LED-58K30BG (30W Blue)	BLUE	470		1400	19.5	20.0	735	745	120°
LED-59K30BW (30W White, 8000K)	WHITE	8000°K		1400	19.5	20.0	1852	1862	120°
LED-59K30W (30W White, 6000K)	WHITE	6000°K		1400	19.5	20.0	1852	1862	120°
LED-59K30NW (30W White, 4000K)	WHITE	4000°K		1400	19.5	20.0	1799	1809	120°
LED-59K30YW (30W WarmWhite, 3300K)	Warm WHITE	3300°K		1400	19.5	20.0	1665	1676	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-45K50R (20W Red)	RED	625	1750	17.8	18.0	2240	2250	120°
LED-44K50Y (20W Yellow)	YELLOW	585	1750	17.8	18.0	2140	2150	120°
LED-43K50G (20W Green)	GREEN	520	1750	27.8	28.0	3090	3100	120°
LED-48K50B (20W Blue)	BLUE	470	1750	27.8	28.0	1290	1300	120°
LED-48K50BG (20W Blue)	BLUE	470	1750	26.8	27.0	1485	1495	120°
LED-19K50BW (20W White, 8000K)	WHITE	8000°K	1750	27.8	28.0	3240	3250	120°
LED-19K50BWG (20W White, 8000K)	WHITE	8000°K	1750	26.8	27.0	3725	3735	120°
LED-19K50W (20W White, 6000K)	WHITE	6000°K	1750	27.8	28.0	3240	3250	120°
LED-19K50WG (20W White, 6000K)	WHITE	6000°K	1750	26.8	27.0	3725	3735	120°
LED-19K50NW (20W White, 4000K)	WHITE	4000°K	1750	27.8	28.0	3165	3175	120°
LED-19K50NWG (20W White, 4000K)	WHITE	4000°K	1750	26.8	27.0	3640	3650	120°
LED-19K50YW (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	27.8	28.0	2915	2925	120°
LED-19K50YWG (20W WarmWhite, 3300K)	Warm WHITE	3300°K	1750	26.8	27.0	3350	3360	120°

Part No.	Chip		Lens Color	Vf (v) @20mA		Iv (mcd) @20mA		Viewing angle
	Emite Color	$\lambda p$ (nm)		Min.	Max.	Min.	Typ.	
								
LED-45K100R (20W Red)	RED	625	2800	22.8	23.0	4490	4500	120°
LED-44K100Y (20W Yellow)	YELLOW	585	2800	22.8	23.0	4290	4300	120°
LED-43K100G (20W Green)	GREEN	520	2800	34.8	35.0	6190	6200	120°
LED-48K100B (20W Blue)	BLUE	470	2800	34.8	35.0	2590	2600	120°
LED-48K100BG (20W Blue)	BLUE	470	2800	32.8	33.0	2870	2880	120°
LED-19K100BW (20W White, 8000K)	WHITE	8000°K	2800	34.8	35.0	6490	6500	120°
LED-19K100BWG (20W White, 8000K)	WHITE	8000°K	2800	32.8	33.0	7190	7200	120°
LED-19K100W (20W White, 6000K)	WHITE	6000°K	2800	34.8	35.0	6490	6500	120°
LED-19K100WG (20W White, 6000K)	WHITE	6000°K	2800	32.8	33.0	7190	7200	120°
LED-19K100NW (20W White, 4000K)	WHITE	4000°K	2800	34.8	35.0	6340	6350	120°
LED-19K100NWG (20W White, 4000K)	WHITE	4000°K	2800	32.8	33.0	7020	7030	120°
LED-19K100YW (20W WarmWhite, 3300K)	Warm WHITE	3300°K	2800	34.8	35.0	5840	5850	120°
LED-19K100YWG (20W WarmWhite, 3300K)	Warm WHITE	3300°K	2800	32.8	33.0	6470	6480	120°