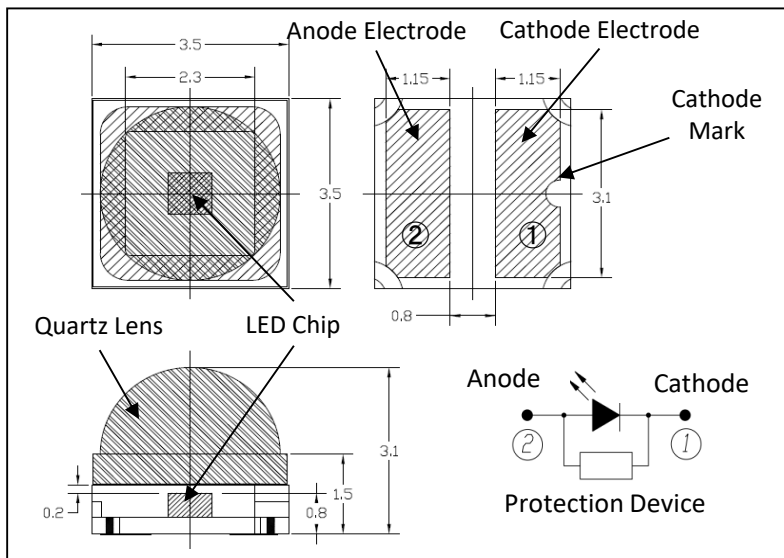


MODEL YL-P3535F(35)-xxxnM(L2) series

3.5 x 3.5mm Metal Sealed SMD Hemispherical Lens Type

Mechanical Specifications and Materials (Unit: mm)



Product ID

- 265nm: YL-P3535F(35)-265nM(L2)
- 275nm: YL-P3535F(35)-275nM(L2)
- 280nm: YL-P3535F(35)-280nM(L2)
- 308nm: YL-P3535F(35)-308nM(L2)
- 325nm: YL-P3535F(35)-325nM(L2)
- 340nm: YL-P3535F(35)-340nM(L2)

Typical Optical-Electrical Characteristics **TBD**

$I_F=350mA$, $T_a=25^\circ C$

Item	Symbol	Unit	265nM			275nM			295nM		
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Peak Wavelength(*)	λ_p	nm	260	265	270	270	275	280	290	295	300
Radiant Flux(**)	P_o	mW	-	25	-	-	33	-	-	33	-
Full Width at Half Maximum	$\Delta\lambda$	nm	-	11	-	-	11	-	-	11	-
Forward voltage	V_F	V	-	6.0	-	-	6.0	-	-	6.0	-
Viewing Half Angle	$2\theta_{1/2}$	deg.	-	35	-	-	35	-	-	35	-

Item	Symbol	Unit	308nM			325nM			340nM		
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Peak Wavelength(*)	λ_p	nm	303	308	313	320	325	330	335	340	345
Radiant Flux(**)	P_o	mW	-	50	-	-	40	-	-	60	-
Full Width at Half Maximum	$\Delta\lambda$	nm	-	12	-	-	12	-	-	9	-
Forward voltage	V_F	V	-	5.6	-	-	5.0	-	-	5.5	-
Viewing Half Angle	$2\theta_{1/2}$	deg.	-	35	-	-	35	-	-	35	-

(*)Peak Wavelength Measurement tolerance is $\pm 3nm$.

(**)Radiant Flux Measurement tolerance is $\pm 10\%$.

Binning is available.

Specification and dimension are subject to change for improvement without notice.

	WARNING
	<ul style="list-style-type: none"> • LEDs emit very strong UV radiation. • Do not look at the LED light with the naked eye or irradiate the skin. UV radiation can harm your eyes and skin. • To prevent UV radiation exposure, wear protective eyewear and protective equipment. • If LEDs are embedded in devices, please indicate warning labels against the UV light LED used. • Keep out of reach of children.

