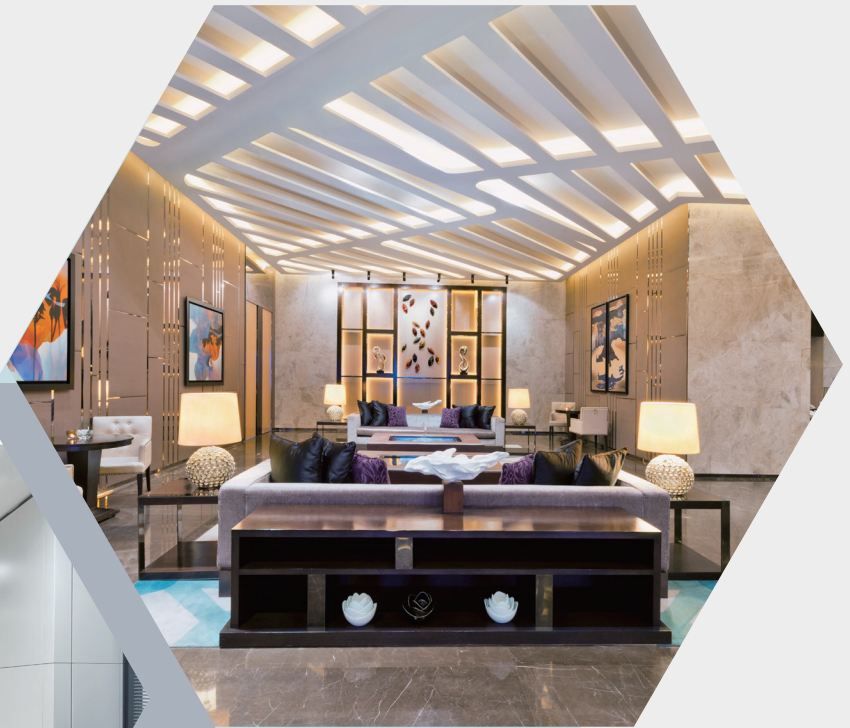


2024



**General Lighting
LED series**

- Pro-CSP-GR1 series provides good value choice.

Part No.	Color	Test Current(mA)	Vf (Typ.)	CRI	Lumens (Min.)	Lumens (Typ.)	CCT (Min.)	CCT (Max.)
PK2E-2LWE-B2R7	☐ White	350	3.1	70	145	165	5000 K	7000 K
PK2E-2LNE-B2R7	☐ Neutral White	350	3.1	70	145	159	3800 K	5000 K
PK2E-2LVE-B2R7	☐ Warm White	350	3.1	70	130	145	2700 K	3250 K
PK2E-2LWE-B2R8	☐ White	350	3.1	80	130	145	5000 K	7000 K
PK2E-2LNE-B2R8	☐ Neutral White	350	3.1	80	130	143	3800 K	5000 K
PK2E-2LVE-B2R8	☐ Warm White	350	3.1	80	120	137	2700 K	3250 K
PK2E-2LWE-B2R7S	☐ White	350	3.05	70	160	175	5000 K	6300 K
PK2E-2LWE-B2R8S	☐ White	350	3.05	80	130	145	5000 K	6300 K
PK2E-2LNE-B2R8S	☐ Neutral White	350	3.05	80	130	145	3800 K	5000 K
PK2E-2LVE-B2R8S	☐ Warm White	350	3.05	80	130	143	2700 K	3250 K
PK2N-2LWE-HCR9	☐ White	300	6.4	90	170	192	4750 K	5300 K
PK2N-2LNE-HCR9	☐ Neutral White	300	6.4	90	170	192	3700 K	4250 K
PK2N-2LVE-HCR9	☐ Warm White	300	6.4	90	130	160	2850 K	3250 K
PK2N-3LWE-SD	☐ White	350	3.1	74	120	152	4100 K	10000 K
PK2N-3LVE-R7	☐ Warm White	350	3.1	70	110	140	2500 K	4100 K
PK2N-3LWE-R8	☐ White	350	3.1	84	110	140	4100 K	10000 K
PK2N-3LNE-R8	☐ Neutral White	350	3.1	80	110	135	3500 K	5000 K
PK2N-3LVE-R8	☐ Warm White	350	3.1	80	100	130	2500 K	4100 K
PK2N-3LVE-R95	☐ Warm White	350	3.1	93	80	100	2500 K	4100 K
PK2N-3LWE-BSD	☐ White	350	3.1	70	120	147	5000 K	10000 K
PK2N-3LWE-BR8	☐ White	350	3.1	80	110	131	5000 K	10000 K
PK2N-4LWE-SBVR8B	☐ White	350	2.95	80	120	145	4750 K	6030 K
PK2E-5LWE-BR7	☐ White	350	3.05	70	130	150	5000 K	8050 K
PK2E-5LNE-R7	☐ Neutral White	350	3.05	70	130	147	3800 K	5000 K
PK2E-5LVE-R7	☐ Warm White	350	3.05	70	120	141	2700 K	3250 K
PK2E-5LWE-BR8	☐ White	350	3.05	80	120	135	5000 K	8050 K
PK2E-5LNE-R8	☐ Neutral White	350	3.05	80	120	133	3800 K	5000 K
PK2E-5LVE-R8	☐ Warm White	350	3.05	80	110	123	2700 K	3250 K
PK2E-5LWE-BR8T	☐ White	350	3.05	80	120	135	4750 K	5340 K
PK2E-5LNE-R8T	☐ Neutral White	350	3.05	80	120	133	3850 K	4120 K
PK2E-5LVE-R8T	☐ Warm White	350	3.05	80	110	123	2660K	2790 K



size : 3.45 X 3.45 mm
viewing angle 130°

● Pro-CSP-GR1 series provides good value choice.

Part No.	Color	Test Current(mA)	Vf (Typ.)	CRI	Lumens (Typ.)	CCT (Min.)	CCT (Max.)
PQ2N-4LWE-WFC	White	350	3.0	70	140	4800 K	6450 K
PQ2N-4LNE-WFC	Neutral White	350	3.0	70	140	4200 K	4800 K
PQ2N-4LVE-WFCR8	Warm White	350	3.0	83	110	2580 K	3250 K
PQ2N-4LPE-AWFC	PC Amber	350	3.0	-	80	587.5 nm	592.5 nm
PQ2N-4LPE-YGWFC	PC Yellow-Green	350	3.0	-	140	566.0 nm	569.0 nm
PQ2N-4LRE-W	Red	350	2.2	-	50	610 nm	631nm
PQ2N-4LGE-W	Green	350	3.1	-	90	515 nm	535 nm
PQ2N-4LCE-W	Cyan	350	3.1	-	70	495 nm	515 nm
PQ2N-4LBE-WFC	Blue	350	3.0	-	35	470 nm	485 nm
PQ2N-4LDE-WFC	Royal Blue	350	3.1	-	435 mW	450 nm	460 nm
PQ2N-4LME-W	Crimson	350	2.15	-	335mW	650 nm	670 nm
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PQ2A-3FWE-FCR9	White	350	3.0	92	90	4750 K	6970 K
PQ2A-3FVE-FCR9	Warm White	350	3.0	92	80	2580 K	3250 K
PQ2A-3FWE-FCR95	White	350	3.0	93	80	4750 K	6970 K
PQ2A-3FVE-FCR95	Warm White	350	3.0	95	70	2580 K	3250 K
PQ2A-4FWE-WFC	White	350	3.0	95	110	4800 K	6450 K
PQ2A-4FRE-W	Red	350	2.15	-	30	613.5 nm	631 nm
PQ2A-4FGE-W	Green	350	3.1	-	80	515 nm	535 nm
PQ2A-4FCE-W	Cyan	350	3.1	-	60	495 nm	515 nm
PQ2A-4FBE-WFC	Blue	350	3.1	-	23.5	470 nm	485 nm
PQ2A-4FDE-WFC	Royal Blue	350	3.1	-	435mW	450 nm	460 nm
PQ2A-4FME-W	Crimson	350	2.15	-	275mW	650 nm	670 nm
PQ2A-4FPE-RWFC	PC Red	350	3.0	-	238mW	615 nm	622 nm
PQ2A-4FPE-YGWFC	PC Yellow Green	350	3.0	-	160	550 nm	553 nm
PQ2A-4FPE-AFC	PC Amber	350	3.0	-	70	587.5 nm	592.5 nm
PQ2A-4FPE-AWFC	PC Amber	350	3.0	-	70	587.5 nm	592.5 nm

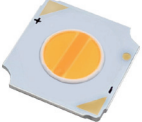


size : 1.6 x1.6mm
viewing angle 130°



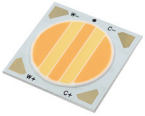
size : 1.6 x1.6mm
viewing angle 130°

- Dimming to warm color temperatures as the best replacement for conventional halogen lamp.
- ProLight's own patent.
- 2-step MacAdam ellipse.

	Part No.	CRI	Test Current (mA)	Vf (Typ.)	Lumens (Min.)	Lumens (Typ.)	CCT (Typ.)	2θ _{1/2}
	PAPQ-6FVL-D2030	90	50 350	15.0 18.8	35 500	42 600	2000 K 3000 K	120

- Designed with dual-driven current-controlled channels.
- CCT can be changed from 2700K to 6500K while maintaining the same brightness.

Part No.	CRI	Test Current (mA)	Vf (Typ.)	Lumens (Min.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PAPC-40FQL-D3050B	90	Channel 1 : 700	36	2930	3260	5000 K	120
		Channel 2 : 700	35	2870	3190	3000 K	



Part No.	CRI	Test Current (mA)	Vf (Typ.)	Lumens (Min.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PAPB-12FQL-D2765	90	Channel 1 : 250	37	935	1040	6500 K	120
		Channel 2 : 250	36	910	1010	2700 K	



Brill CRI 98

- CRI >97 suitable for commercial lighting.



Part No.	Color	CRI	Test Current (mA)	Vf (Typ.)	Lumens (Min.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PASB-16FNL-EC2NS40	<input type="checkbox"/> Neutral White	97	200	32.3	725	875	3985 K	120
PASB-16FVL-EC2NS30	<input type="checkbox"/> Warm White	97	200	32.3	700	840	3045 K 3040 K	120
PASB-16FVL-EC2NS27	<input type="checkbox"/> Warm White	97	200	32.2	680	820	2725 K	120

Brill Full Spectrum

- ProLight Brill Full Spectrum series can be used for all kind of lighting applications.
Such as human centric lighting, commercial lighting.



Part No.	Color	CRI	Test Current (mA)	Vf (Typ.)	Lumens (Min.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PASB-16FNL-EC4NS40	<input type="checkbox"/> Neutral White	97	200	32.3	675	810	3985 K	120
PASB-16FVL-EC4NS30	<input type="checkbox"/> Warm White	97	200	32.3	675	810	3045 K 3040 K	120
PASB-16FVL-EC4NS27	<input type="checkbox"/> Warm White	97	200	32.2	635	765	2725 K	120