

- High performance Samsung LED World's best efficacy with phosphor conversion technology.
- Anti-sulfurisation technology for long term reliability.
- Advanced flip-chip with reflective layer-formation.
- EMC packaging outperforms traditional PPA/PCT materials.

Proformax 50TW



Proformax 280TW



Proformax 560TW



SPECIFICATIONS

Colour rendering index

CRI: > 90

Colour tolerance

3 MacAdam (3SDCM)

Beam angle emission

120 degrees

Ambient temperature

Ta: -25 ... +55 °C

(Only for Tc ≤ 85 °C)

Module temperature

Tc max: > 85 °C

Life time

> 80,000 h - L80 B10 @ 82K hours

(@ Tc = 55 °C / lpk)

Colour range

2700°K - 6500°K

		CODE	CCT K	CURRENT mA	FLUX Tc 25 °C lm	FLUX Tc 65 °C lm	POWER Tc 65 °C W	EFFICACY Tc 25 °C lm/W	EFFICACY Tc 65 °C lm/W	Imax mA	Vmax Tc 25 °C @Imax
Proformax TW 50	LOW OUTPUT	X-246-30K	2700K	140	62	60	0.4	155.5	152.5	400	2.9
				245	52.9	50.8	0.7	147.7	144.5	400	2.9
				350	147	141	1	150.6	147.5	400	3.0
	LOW OUTPUT	X-246-40K	6500K	140	66	64	0.4	166.3	163.0	400	2.9
				245	113	109	0.7	157.6	154.5	400	2.9
				350	157	151	1	150.6	147.5	400	3.0
	COMBINED	X-243-30K	Combined	140	128	124	0.8	160.9	157.8	400	
				245	165.9	159.8	1.4	153.7	149.5	400	
				350	304	292	2	150.6	147.5	400	

Proformax TW 280	LOW OUTPUT	X-245-30K	2700K	140	372	360	2.4	154.8	151.5	400	17.3
				245	317.4	304.8	4.2	147	143.6	400	17.7
				350	882	846	6	149.9	146.5	400	18.0
	LOW OUTPUT	X-245-40K	6500K	140	396	384	2.4	165.6	161.9	400	17.3
				245	678	654	4.2	159.9	153.5	400	17.7
				350	942	906	6	149.9	146.5	400	18.0
	COMBINED	X-242-30K	Combined	140	768	744	4.8	160.2	157.7	400	
				245	995.4	958.8	8.4	152.0	148.5	400	
				350	1824	1752	12	149.9	146.5	400	

NOTES

- Data can have a 10% tolerance.
- Push in terminal blocks.
- Suitable for NON SELV applications.
- Special CCT or CRI available upon request.

Proformax TW 560	LOW OUTPUT	X-244-30K	2700K	140	744	720	4.8	154.8	150.5	400	34.8
				245	609.6	1290	8.4	147	142.6	400	35.6
				350	1692	1760	12	149.9	145.6	400	36.2
	LOW OUTPUT	X-244-40K	6500K	140	768	1120	4.8	165.6	160.9	400	34.8
				245	1308	1370	8.4	156.9	152.5	400	35.6
				350	1812	1880	12	149.9	145.6	400	36.2
	COMBINED	X-241-30K	Combined	140	1488	1920	9.6	160.2	155.7	400	
				245	1917.6	2360	16.8	152	147.6	400	
				350	3504	3230	24	149.9	145.6	400	

DIMENSIONS

