



Square



Working temperature range	-30°C ÷ +60°C
Luminous flux tolerance	±10%

Square

ORDER CODE AND TECHNICAL SPECIFICATIONS OF VARIANTS

VARIANT CODES IN THE TABLE BELOW TECHNICAL SPECIFICATIONS OF VARIANTS IN DATASHEET OF VARIANT

GENERAL TERMS OF USE

- Pay attention to the correct polarity when connecting the LED modules. Incorrect polarity could potentially damage them.
- Modules should be attached to heatsink to dissipate heat from LED module. Temperature on the module shouldn't be higher than recommended by Cree®. Due to power of the module, appropriate heatsink should be used with thermal conductive tape or paste. The lower temperature on LED module causes longer lifetime.
- During installation of the LED module it is absolutely necessary to use ESD protection. Luminaire design should protect the module from ESD.
- Lenses, diodes and other components on the module must be protected against mechanical damage and exposure to liquids and dirt.
- The modules can not have contact with hazardous and corrosive substances or aromatic organic compounds such as toluene, acetone, xylene, benzene.
- For installation of modules substances recommended and tested by the CREE LED® should be used. The list of substances available on the manufacturer's website: cree-led.com. In case of using substances not listed on official list of the chemical compatibility tests have to be done before use.

ENVIRONMENTAL CAUTION!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.

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Index	[K]	Lumen Output [lm]	CRI/RA	Max power [W]	Typ current [A]	Max current [A]	Length [mm]	Width [mm]	LED family	Thermal conductivity substrate	Copper thickness [μm]	LED quantity	LED connection type	Substrate shape	LED color	Lumen Output Green [lm]	Lumen Output Blue [lm]
NT-1RW25-XPG3NU1R45C1	4000	145	≥90	6	350	2000	25	25	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW25-XPG3NU1S25B4	4000	165	≥90	6	350	2000	25	25	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW25-XPE2VWQ28A2	2700	95	≥80	4.5	350	1500	25	25	XP-E2	2	35	1	Individual	Square	VW	-	-
NT-1RW25-XPE2WWQ27C4	3000	95	≥80	4.5	350	1500	25	25	XP-E2	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPE2GRNR2G2	-	-	-	3	350	1000	30	30	XP-E	2	35	1	Individual	Square	G	110	-
NT-1RW30-XPEREDP3R2	-	-	-	4.5	350	1500	30	30	XP-E2	2	35	1	Individual	Square	R	-	-
NT-1RW30-XPEREDP4R2	-	-	-	4.5	350	1500	30	30	XP-E2	2	35	1	Individual	Square	R	-	-
NT-1RW30-XPG2WH1R47B4	3000	145	≥80	4.5	350	1500	30	30	XP-G2	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WH1R47C1	3000	145	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WH1S230G	3000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WH1S27A3	3000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WH1S27A4	3000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WH1S27B4	3000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WU1R430G	3000	145	≥90	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WU1R47B1	3000	145	≥90	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WU1R47B4	3000	145	≥90	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WU1R47C2	3000	145	≥90	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3WU1R57A3	3000	155	≥90	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	WW	-	-
NT-1RW30-XPG3NH1R57C1	4000	155	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S27D2	4000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S35C1	4000	165	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S35D2	4000	175	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S45A3	4000	175	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S45B1	4000	180	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XPG3NH1S45B4	4000	180	≥80	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	NW	-	-
NT-1RW30-XTENU1Q55A3	4000	120	≥90	4.5	350	1500	30	30	XT-E	2	35	1	Individual	Square	NW	-	-
NT-1RW25-XPG3CB1S41A	-	180	≥70	6	350	2000	25	25	XP-G3	2	35	1	Individual	Square	CW	-	-
NT-1RW30-XPE2BLUM3B5	-	-	-	3.6	350	1200	30	30	XP-E2	2	35	1	Individual	Square	B	-	-
NT-1RW30-XPE2BLUM2B4	-	-	-	3.6	350	1200	30	30	XP-E2	2	35	1	Individual	Square	B	-	-
NT-1RW30-XPE2BLUM2B5	-	-	-	3	350	1000	30	30	XP-E2	2	35	1	Individual	Square	B	-	-
NT-1RW30-XPG3CC1S52B	5700	180	≥70	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	CW	-	-
NT-1RW30-XPG3CC1S52C	5700	190	≥70	6	350	2000	30	30	XP-G3	2	35	1	Individual	Square	CW	-	-