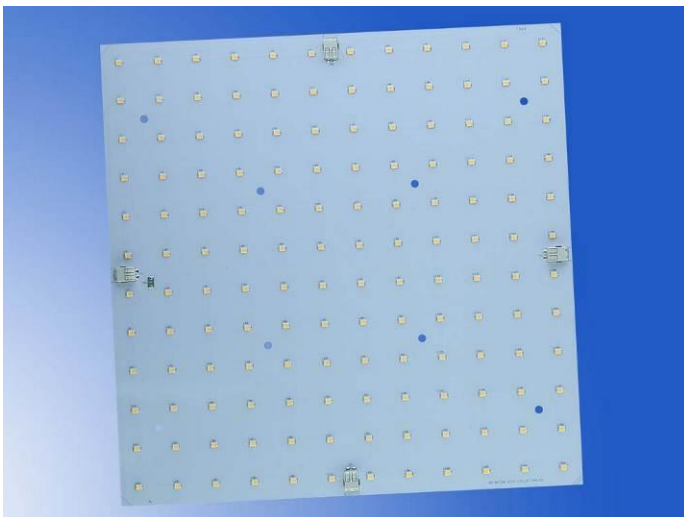
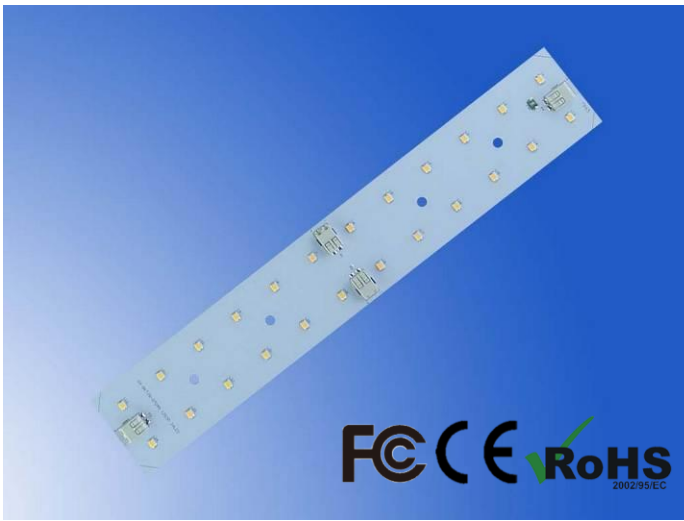


Description: RX-BKT28-27xx Series, LED light sources - New technology guarantee absolute consistency of Voltage and current. Can be extended to connect. WAGO2060 Terminal Block, very easy to connect and remove the conductors. Interconnect up to 180W, Maximum size of stitching 1m². high cost performance. Light efficiency compared to similar products increased by 50%. up to 130Lm / W, For a variety of lighting.



CRI: 85

3000K/4250K/6250K

Up to 130Lm/W

@30mA/LED

Two Size

270x270mm 144LED
270x45mm 24LED

Extendable LED module

High precision consistency
Constant Current Technology

Warranty

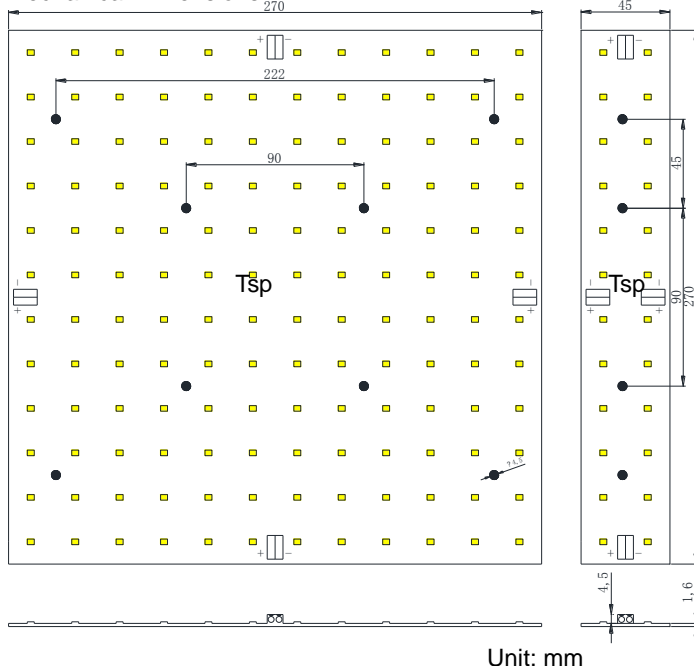
3 years

Safe and reliable

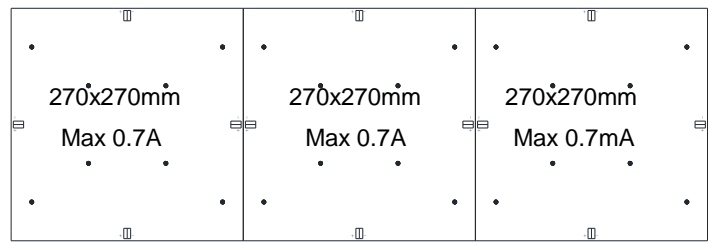
PTC Overcurrent Protection

Application specs	
Brightness / LED	≈12Lm@30mA ; ≈22Lm@60mA
Default Colors	CW6000~6500K
Other colors	WW2700~3200K NW4200~4700K
Waterproof Rating	IP53
Operating Temperature	-22°F~185°F (-30~85°C) PCB /Tsp
Electrical specs	
Power / LED Current	0.1W @30mA; 0.2W@60mA
Input / LED Current	DC35.5V@30mA ; DC38.2@60mA
Interconnect connection	1m ² @60mA /LED 2m ² @30mA /LED
Certification	CE RoHS FCC
Life-Span	>50000hours

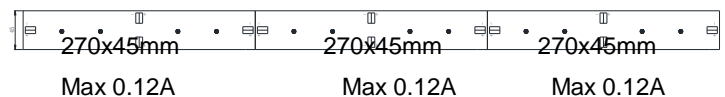
Mechanical Dimensions:



Extendable connection diagram:



3pcs connected in parallel
Max Power Total: 0.7A x 3 =2.1A @38.2V



3pcs connected in parallel
Max Power Total: 0.12A x3 =0.36A @38.3V

Technical Data:

Part Number	Dimensions Net weight	CCT	LED QTY	Luminous flux Typ	Forward VoltageTyp	Test Current	Power Typ	Efficacy Typ	TSP Test
RX-BKT28-2727-CW	270x270mm 290g	6000~6500K	12s 12p 144pcs	1620Lm	35.5V	350mA	12.4W	130Lm/W	35°C
RX-BKT28-2727-NW				3200Lm	38.2V	700mA	26.7W	120Lm/W	45°C
RX-BKT28-2727-WW		4000~4500K		1580Lm	35.5V	350mA	12.4W	127Lm/W	35°C
				3120Lm	38.2V	700mA	26.7W	117Lm/W	45°C
RX-BKT28-2727-WW		2700~3200K		1580Lm	35.5V	350mA	12.4W	127Lm/W	35°C
				3120Lm	38.2V	700mA	26.7W	117Lm/W	45°C
RX-BKT28-27045-CW	270x45mm 50g	6000~6500K	12s 2p 24pcs	276Lm	35.6V	60mA	2.1W	130Lm/W	35°C
RX-BKT28-27045-NW				542Lm	38.3V	120mA	4.6W	118Lm/W	45°C
RX-BKT28-27045-WW		4000~4500K		262Lm	35.6V	60mA	2.1W	125Lm/W	35°C
				529Lm	38.3V	120mA	4.6W	115Lm/W	45°C
RX-BKT28-27045-WW		2700~3200K		262Lm	35.6V	60mA	2.1W	125Lm/W	35°C
				529Lm	38.3V	120mA	4.6W	115Lm/W	45°C

Note: The above table data test room temperature is 25 ° C. Tolerance range for optical and electrical data: ±10 %.

Maximum Rated Values

Part Number	Forward Current	Forward Voltage
RX-BKT28-2727	720mA	39V@700mA
RX-BKT28-27045	120mA	39V@120mA

Thermal Characteristics

Storage Temperature, TSTG	-30 ~ +85°C
Operating Temperature, Top	-40 ~ +85°C
Max. Solder Point Temp., Tsp	85°C

Operating Temperature, Top= Ambient temperature + 20 °C Typ

Standard Driver Options

	60mA	120mA	350mA	700mA
EFC-09 230mA	4P/10W	2P/10W	--	--
EFC-09-350mA*	6P/15W	3P/15W	1S/15W	--
EFC-022-680mA	12P/26W	6P/26W	2P/26W	1S/26W
HLG-40H-36	19P/45W	10P/45W	3P/46W	6P/46W
HLG-120H-36	56P/138W	28P/138W	10P/138W	5P/138W

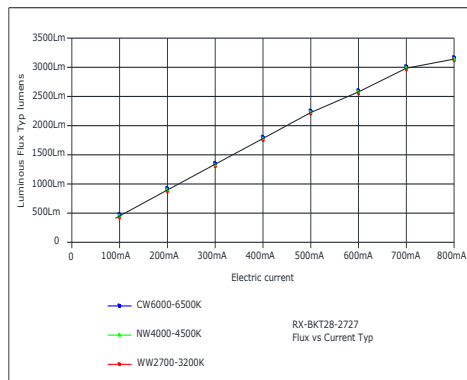
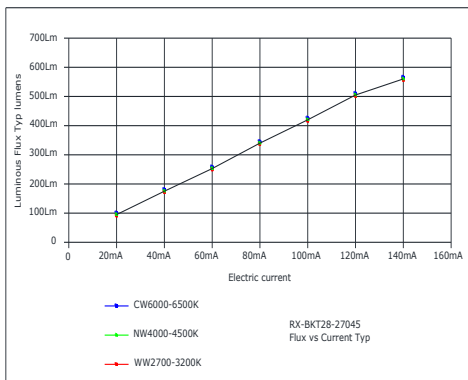
Part Numbering

RX-BKT	-28	-XXXX	-XX
			Photometric Code
LED			CW6000~6500K
Model		PCB Size	NW4000~4500K
			WW2700~3200K

Where 1S = 1 Module, 4P is 4 Module in parallel etc; Power includes drivers consumption

For example: EFC-09-350mA* drive of 6pcs parallel 60mA modules

or 3pcs parallel 120mA modules or 1pcs 350mA modules

Flux Typical vs. Current

Voltage vs. Current
