

## Products Datasheet View

Class	Model Number	Life Hours	LED Type	LED Qty	Light (lumen)	Angle	Input Voltage	CCT (K)	CRI	Power (w)
High-Bright Square Panel Lights	TP-XPL-S2020-CW	45000	TOYODA	108	924	105°	12V/DC	5900~6200	75	16
	TP-XPL-S2020-NW	45000	TOYODA	108	813	105°	12V/DC	3900~4200	80	16
	TP-XPL-S3030-CW	45000	TOYODA	168	1396	105°	12V/DC	5900~6200	75	24
	TP-XPL-S3030-NW	45000	TOYODA	168	1244	105°	12V/DC	3900~4200	80	24
	TP-XPL-S3060-CW	45000	TOYODA	336	2736	105°	12V/DC	5900~6200	75	48
	TP-XPL-S3060-NW	45000	TOYODA	336	2418	105°	12V/DC	3900~4200	80	48
	TP-XPL-S6060-CW	45000	TOYODA	336	2711	105°	12V/DC	5900~6200	75	48
	TP-XPL-S6060-NW	45000	TOYODA	336	2406	105°	12V/DC	3900~4200	80	48
	TP-XPL-S30120-CW	45000	TOYODA	672	5066	105°	12V/DC	5900~6200	75	87
	TP-XPL-S30120-NW	45000	TOYODA	672	4531	105°	12V/DC	3900~4200	80	87
TP-XPL-S60120-CW	45000	TOYODA	672	5044	105°	12V/DC	5900~6200	75	87	
TP-XPL-S60120-NW	45000	TOYODA	672	4521	105°	12V/DC	3900~4200	80	87	
High-Bright Round Panel Lights	TP-XPL-R7-CW	50000	Epistar	110	744	105°	85-260Vac	5900~6200	74	11
	TP-XPL-R7-NW	50000	Epistar	110	662	105°	85-260Vac	3900~4200	78	11
	TP-XPL-R9-CW	50000	TOYODA	168	1024	105°	85-260Vac	5900~6200	74	17
	TP-XPL-R9-NW	50000	TOYODA	168	908	105°	85-260Vac	3900~4200	78	17
LED Flush Mount Ceiling Light	TP-CLP-A-CW	50000	Epistar	168	666	120°	85-260Vac	5900~6200	74	9
	TP-CLP-A-WW	50000	Epistar	168	641	120°	85-260Vac	3000~3300	78	9
	TP-CLP-B-CW	50000	Epistar	216	1285	120°	85-260Vac	5900~6200	74	17
	TP-CLP-B-WW	50000	Epistar	216	1066	120°	85-260Vac	3000~3300	78	17
	TP-CLP-BIR-CW	50000	Epistar	216	1265	120°	85-260Vac	5900~6200	74	17
TP-CLP-BIR-WW	50000	Epistar	216	1038	120°	85-260Vac	3000~3300	78	17	

\* TOPO can supply other CCT for Panel light. warm white..

\* Other shapes of panel light can be customized.

Model Number	1M (lux)	2M (lux)	3M (lux)
TP-XPL-S2020-CW	118	28	15
TP-XPL-S3030-CW	197	51	28
TP-XPL-S3060-CW	611	164	61
TP-XPL-S6060-CW	582	143	52
TP-XPL-S30120-CW	894	253	69
TP-XPL-S60120-CW	861	221	63

Model Number	1M (lux)	2M (lux)	3M (lux)
TP-XPL-R7-CW	148	38	21
TP-XPL-R9-CW	162	46	28
TP-CPL-A-CW	134	35	14
TP-CPL-B-CW	386	91	48
TP-CPL-BIR-CW	383	88	44

### WARNINGS AND CAUTIONS

- Suitable for use in open luminaires (fixtures).
- Do not use in outdoor fixtures.
- Do not use in enclosed fixtures.
- Use with triac dimmers.
- Do not use with emergency exit fixtures or with emergency lighting.
- Turn off power before changing lamp.

**CAUTION:** Risk of electric shock. Use in dry location only.

**NOTES:** This device complies with Part 18 of the FCC rule. This product may cause interference with other devices. If interference occurs, change the location of the products involved. This RFLD device complies with Canadian ICES-005.

### Product Naming

**TP**   **XPL**   **S**   **6060**   **CW**  
 company name   LED Panel Light   Panel Shape   Power Dimension   Color



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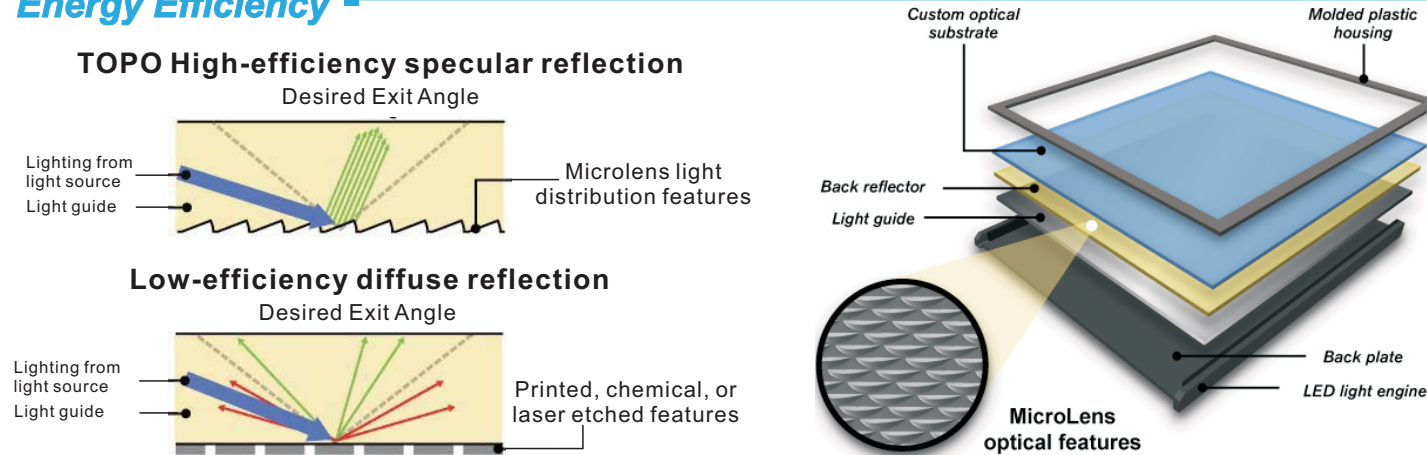


# Sunny Zone - innovative design meets sustainability

When it comes to general lighting for offices, customers are looking to capture the benefits LED technology has to offer – sustainability and fresh, appealing design, without compromise on visual comfort.

Our Sunny Zone Panel light recessed LED luminaire delivers good-quality functional lighting with an energy efficiency that is comparable with, or even better than, traditional fluorescent systems. The innovative nature of LED technology means that, with Sunny Zone, we can break with past design rules of fluorescent lighting and offer a new look and feel, both in appearance and dimming behavior. Glare control and colour consistency are designed to comply with future office norms.

## Energy Efficiency



## Energy Efficiency

Estimated Lighting Costs Using 3 Standard 24W Fluorescent	
Present Wattage	74W
x Annual Operating Hours	3000 hrs
=	222,000 watts per year
÷ 1,000	= 222 kWh per year
x kWh rate of \$0.10	= \$22.2 per year
x 100 lamps per space	= \$2220 annual energy cost per space

Estimated Lighting Costs Using a TOPO 48W TP-XPL-S6060-CW	
Present Wattage	48W
x Annual Operating Hours	3000 hrs
=	144,000 watts per year
÷ 1,000	= 144 kWh per year
x kWh rate of \$0.10	= \$14.4 per year
x 100 lamps per space	= \$1440 annual energy cost per space

Total Estimated Annual Energy Costs Saving*	
	= \$780

\*Based on 100 lamps per space operating at 3,000 hours per year.

LED Power	LED Model	Fluorescent Power	LED Power	LED Model	Fluorescent Power	LED Power	LED Model	Fluorescent Power
11W	TP-XPL-R7	= 24W	24W	TP-XPL-S3030	= 42W	87W	TP-XPL-S30120	= 140W
17W	TP-XPL-R9	= 34W	48W	TP-XPL-S3060	= 72W	87W	TP-XPL-S60120	= 140W
16W	TP-XPL-S2020	= 27.5W	48W	TP-XPL-S6060	= 74W			

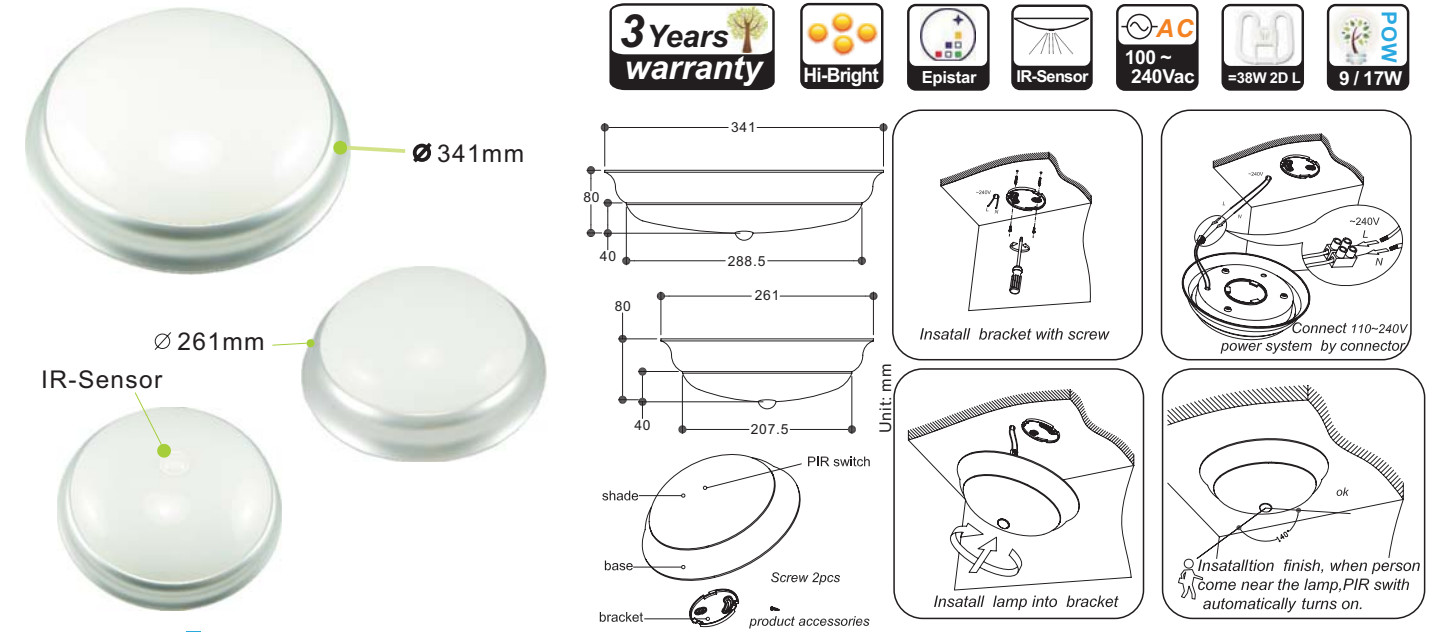
\* Fluorescent average live hours: 4000hrs  
\* LED Panel light average live hours: 50000hrs

This example shows an application of 100 lamps accenting a space, operating 3,000 hours per year at a cost of \$0.10 per kWh. Energy costs may vary depending on geographic region.

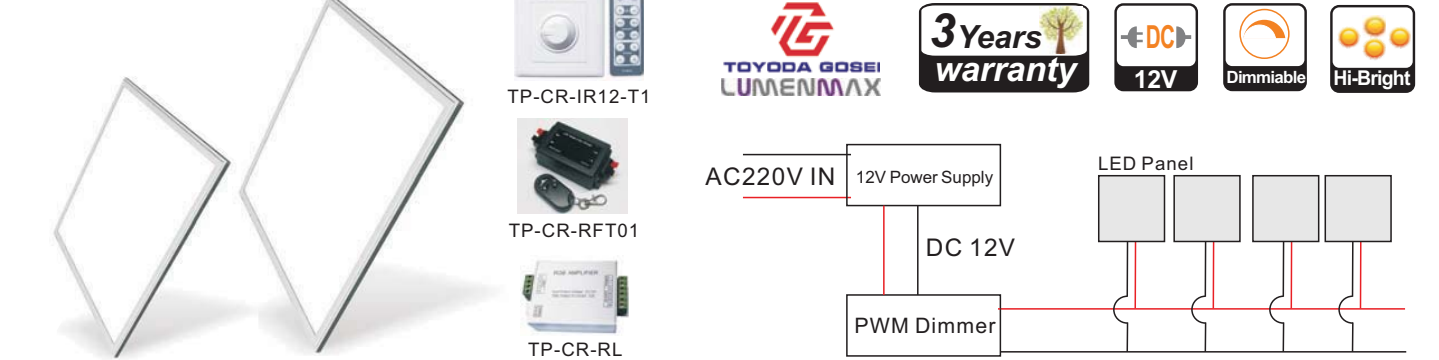
As you can see using 100 TOPO TP-XPL-S6060-CW can light a space for only \$1440 per year! This is a \$780 savings compared to a 74W standard fluorescent. Potential savings from the reduction in HVAC costs as a result of using a low wattage lamp that emits less heat is an additional benefit not included in this example.

\*\* Light output of the 48w tp-xpl-s6060-cw at 2711 lumens 582lx compares to the 74w fluorescent at 3532lm and 571lx.

## TP-CPL



## TP-XPL



## Dimension

