

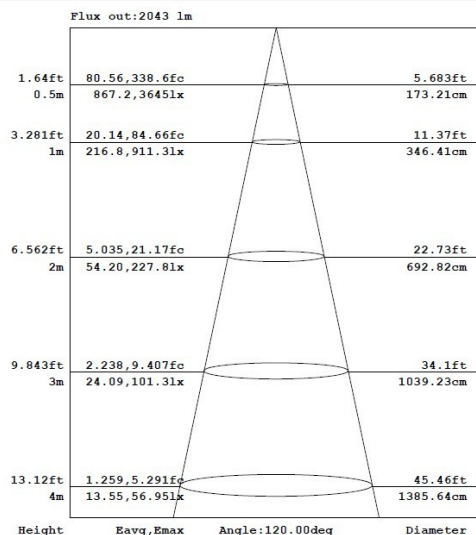
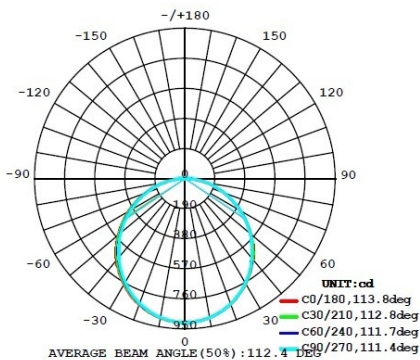
Product Description

- Universal Input Voltage: 100VAC-277VAC
- Saves at least 70% energy than traditional panel
- 50,000hrs long lifetime, last 30 times longer than fluorescent tubes
- Extremely even light distribution
- No UV or IR radian, no mercury
- Can be dimmable and non-dimmable
- More size choice:
- Limited 10 years warranty (find details on our website)
- cUL, DLC, CE listed, FCC, RoHS compliant
- Ideal for homes, offices, restaurants, hotels, malls, buses, trains, warehouses, parking lots etc; back lighting for square billboards.

Optical Parameter

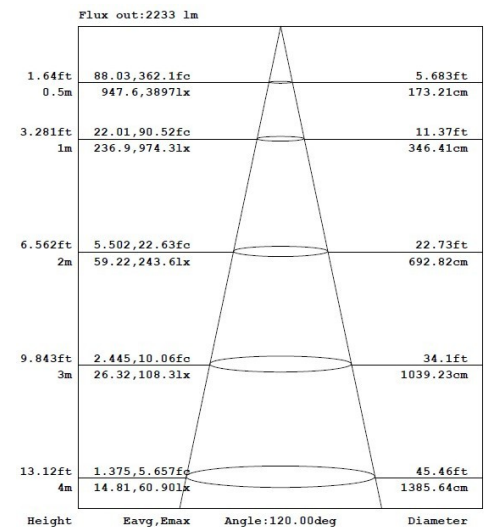
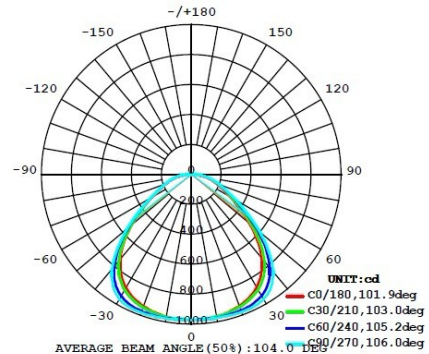
40W 1ft*4ft LED Panel

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



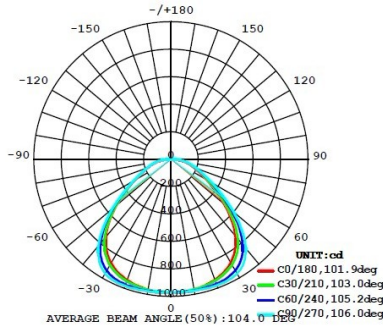
40W 2ft*2ft LED Panel

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



60W 2ft*2ft LED Panel

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

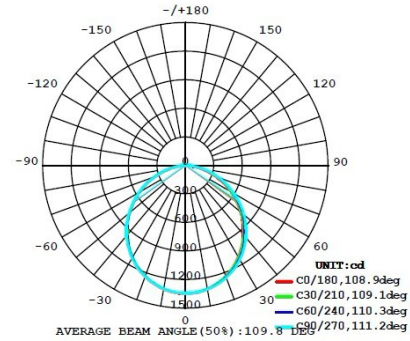


Flux out:2233 lm

1.64ft	88.03,362.1fc	5.683ft
0.5m	947.6,3897lx	173.21cm
3.281ft	22.01,90.52fc	11.37ft
1m	236.9,974.3lx	346.41cm
6.562ft	5.502,22.63fc	22.73ft
2m	59.22,243.6lx	692.82cm
9.843ft	2.445,10.06fc	34.1ft
3m	26.32,108.3lx	1039.23cm
13.12ft	1.375,5.657fc	45.46ft
4m	14.81,60.90lx	1385.64cm
Height	Eavg, Emax	Angle:120.00deg
		Diameter

50W 2ft*4ft LED Panel

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

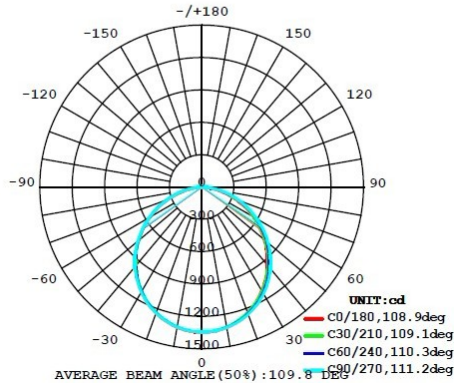


Flux out:2971 lm

1.64ft	117.1,499.8fc	5.683ft
0.5m	1261,5380lx	173.21cm
3.281ft	29.28,125.0fc	11.37ft
1m	315.2,1345lx	346.41cm
6.562ft	7.321,31.24fc	22.73ft
2m	78.80,336.3lx	692.82cm
9.843ft	3.254,13.88fc	34.1ft
3m	35.02,149.4lx	1039.23cm
13.12ft	1.830,7.810fc	45.46ft
4m	19.70,84.06lx	1385.64cm
Height	Eavg, Emax	Angle:120.00deg
		Diameter

75W 2ft*4ft LED Panel

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out:4480 lm

1.64ft	176.6,756.9fc	5.683ft
0.5m	1901,8147lx	173.21cm
3.281ft	44.16,189.2fc	11.37ft
1m	475.3,2037lx	346.41cm
6.562ft	11.04,47.30fc	22.73ft
2m	118.8,509.2lx	692.82cm
9.843ft	4.906,21.02fc	34.1ft
3m	52.81,226.3lx	1039.23cm
13.12ft	2.760,11.83fc	45.46ft
4m	29.71,127.3lx	1385.64cm
Height	Eavg, Emax	Angle:120.00deg
		Diameter

Yigeda Lighting Ltd. **YIGEDA**

Product Details

Ordering Code	Length (ft)	Wattage (W)	Dimmable	Equivalent	CRI	Rated Life(hrs.)	Lumens(lm)		Power Factor	Certificate
							3000-5000K	5500-6500K		
P1440NJ	1*4ft	40W	No	80-100W	>83	50,000	3400lm	3450lm	0.95	UL,CE,DLC
P1440DJ		40W	Yes			50,000			0.95	UL,CE,DLC
P1440NM		40W	No			50,000			0.95	UL,CE,DLC
P1440DM		40W	No			50,000			0.95	UL,CE,DLC
P2240NJ	2*2ft	40W	No	80-100W	>83	50,000	3400lm	3450lm	0.95	UL,CE,DLC
P2240DJ		40W	Yes			50,000			0.95	UL,CE,DLC
P2240NM		40W	No			50,000			0.95	UL,CE,DLC
P2240DM		40W	Yes			50,000			0.95	UL,CE,DLC
P2260NM	2*2ft	60W	No	120-140W	>83	50,000	5050lm	5150lm	0.95	UL,CE,DLC
P2260DM		60W	Yes			50,000			0.95	UL,CE,DLC
P2450NJ	2*4ft	50W	No	100-120W	>83	50,000	4250lm	4450lm	0.95	UL,CE,DLC
P2450DJ		50W	Yes			50,000			0.95	UL,CE,DLC
P2450NM		50W	No			50,000			0.95	
P2450DM		50W	Yes			50,000			0.95	
P2475NM	2*4ft	75W	No	150-187W	>83	50,000	6450lm	6550lm	0.95	UL,CE,DLC
P2475DM		75W	Yes			50,000			0.95	UL,CE,DLC

Energy Efficiency

1ft*4ft 40W LED Panel	Estimated Lighting Costs Using a Standard 80-100W 1ft*4ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 40W 1ft*4ft Panel
Present Wattage	90W	40W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 328,500Watts per year	= 146,000 Watts per year
÷ 1,000	= 3,285 kWh per year	= 146 kWh per year
× kWh rate (\$0.10)	= \$32.85per year	= \$14.6 per year
× 100 lamps per space	= \$3,285annual energy cost per space	= \$1460 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$1,285	

This energy saving example shows an application of 100 panels in a space currently using a 90W 1ft*4ft Fluorescent panel and Yigeda **LED 40W 1ft*4ft Panel**, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

2ft*2ft 40W LED Panel	Estimated Lighting Costs Using a Standard 80-100W 2ft*2ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 40W 2ft*2ft Panel
Present Wattage	90W	40W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 328,500 Watts per year	= 146,000 Watts per year
÷ 1,000	= 3,285 kWh per year	= 146 kWh per year
× kWh rate (\$0.10)	= \$32.85 per year	= \$14.6 per year
× 100 lamps per space	= \$3,850 annual energy cost per space	= \$1460 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$1,285	

This energy saving example shows an application of 100 panels in a space currently using a 90W 2ft*2ft Fluorescent panel and Yigeda **LED 40W 1ft*4ft Panel**, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

Yigeda Lighting Ltd. **YIGEDA**

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Energy Efficiency

2ft*2ft 60W LED Panel	Estimated Lighting Costs Using a Standard 120-140W 2ft*2ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 60W 2ft*2ft Panel
Present Wattage	130W	60W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 474,500 Watts per year	= 219,000 Watts per year
÷ 1,000	= 474.5 kWh per year	= 219 kWh per year
× kWh rate (\$0.10)	= \$47.45 per year	= \$21.9 per year
× 100 lamps per space	= \$4,745 annual energy cost per space	= \$2,190 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$2,555	

This energy saving example shows an application of 100 panels in a space currently using a 130W 2ft*2ft Fluorescent panel and Yigeda **LED 60W 2ft*2ft Panel**, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

2ft*4ft 50W LED Panel	Estimated Lighting Costs Using a Standard 100-120W 2ft*2ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 50W 2ft*4ft Panel
Present Wattage	110W	50W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 401,500 Watts per year	= 182,500 Watts per year
÷ 1,000	= 401.5 kWh per year	= 182.5 kWh per year
× kWh rate (\$0.10)	= \$40.15 per year	= \$18.25 per year
× 100 lamps per space	= \$4,015 annual energy cost per space	= \$1,825 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$2,190	

This energy saving example shows an application of 100 panels in a space currently using a 110W 2ft*4ft Fluorescent panel and Yigeda **LED 50W 2ft*4ft Panel**, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

2ft*4ft 75W LED Panel	Estimated Lighting Costs Using a Standard 150-187W 2ft*2ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 75W 2ft*4ft Panel
Present Wattage	165W	75W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 602,250 Watts per year	= 273,750 Watts per year
÷ 1,000	= 602.25 kWh per year	= 273.75 kWh per year
× kWh rate (\$0.10)	= \$60.23 per year	= \$27.38 per year
× 100 lamps per space	= \$6,023 annual energy cost per space	= \$2,738 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$3,285	

This energy saving example shows an application of 100 panels in a space currently using a 165W 2ft*4ft Fluorescent panel and Yigeda **LED 75W 2ft*4ft Panel**, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.