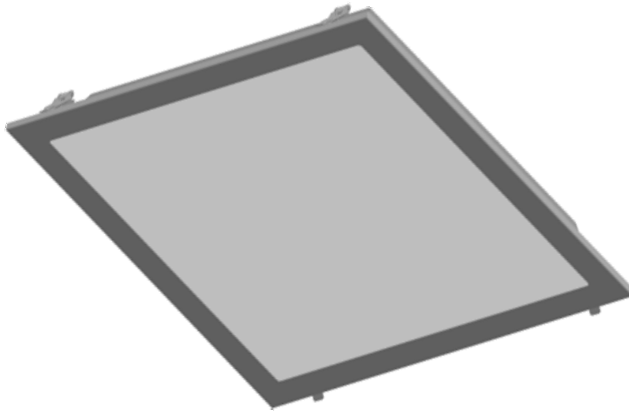


## AXP FLATY 6060 DRYWALL

Backlight Series | Basic LED Panel Luminaires



### Areas of application

- Hotels, Shops and Shopping Centers,
- Museums, Exhibitions, Conferences and Ballrooms
- Business Centers, Offices and Corridors,
- Halls, Living Rooms and Living Areas
- Schools, Hospitals and Public Institutions
- Prefabricated and Modular Campuses

### Products benefits

- The possibility of using three white colors in the same product
- Quick , simple and safe replacement without rewiring
- Low maintenance costs thanks to long lifetime
- Instant-on light , therefore ideally suitable in combination with sensor technology
- Correct operation even at low temperature

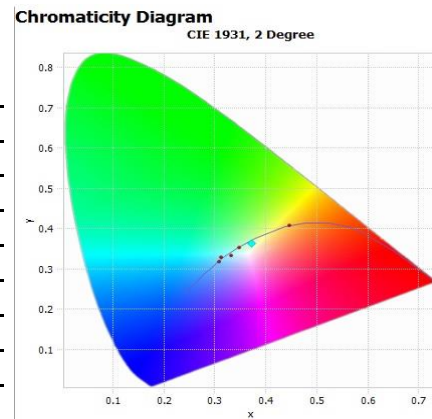
### Product features

- Design: Ceiling LED luminaires with metal frame in high value design
- Color Temperature: 2700 - 3000 K ( Warm White ) , 4000 - 4750 K ( Natural White ) or 6500-7000 K (Cool White)
- Mounting Type: Drywall mounting
- Type Of Protection: IP40
- Lifetime: up to 50,000h
- Warranty Time: 2 Years min.

## Technical Data

### Electrical Data

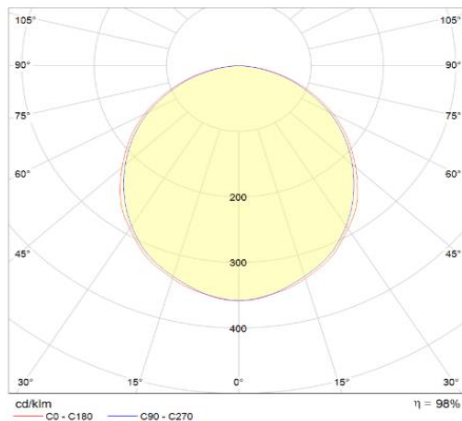
Nominal input wattage (AC)	33 W
Lamp output wattage (DC)	28.7 W
Nominal input voltage	220 V AC
Nominal input frequency	50/60 Hz
Nominal input current	0.15 A
Driver efficiency	85-90 %
LED forward current	50 mA
Power Factor $\lambda$	$\geq 0.90$
Output current tolerance	$\pm 5 \%$



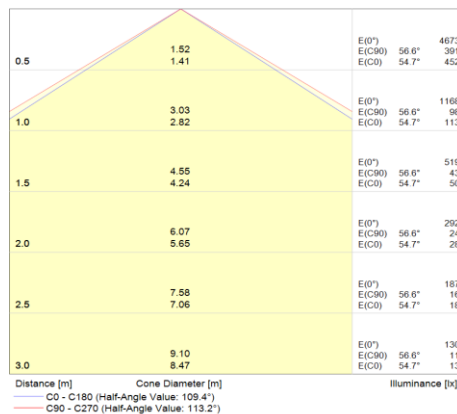
Chromatic Diagram (NW)

### Phometrical Data

Color temperature	2700 - 3300 K	4000 - 4750 K	6500 - 7000 K
Luminous flux	2900 - 3000 lm	3200 - 3400 lm	3150 - 3250 lm
Light color (Destination)	WW	NW	CW
Color rendering index Ra	> 80 - 85	> 85 - 90	> 82 - 87



Polar Graph for Naturel White Color



Conic Graph for Naturel White Color

### Light technical data

Beam angle	Extremely wide distribution, 120°
Light distribution	Symmetric

### Temperatures

Operating Temperature	-20...+50 °C
Storage Temperature	-30 / +60

## Materials

<b>Body material</b>	Sheet Metal
<b>Body color</b>	Ral 9016 bright
<b>Cover material</b>	Sheet Metal
<b>Cover color</b>	Ral 9016 texture matte/Optional

## Capabilities

<b>Type of connection</b>	Cable & connector
<b>Color change</b>	3 in 1, manuel
<b>DALI control</b>	Optional
<b>Dimmable</b>	Optional
<b>Emergency lighting kit</b>	Optional

## Additional product data

<b>Diffuser material</b>	Polystyrene
<b>Diffuser efficiency</b>	80%-86%
<b>Diffuser type</b>	Single ragged surface

## Certificates & Standarts

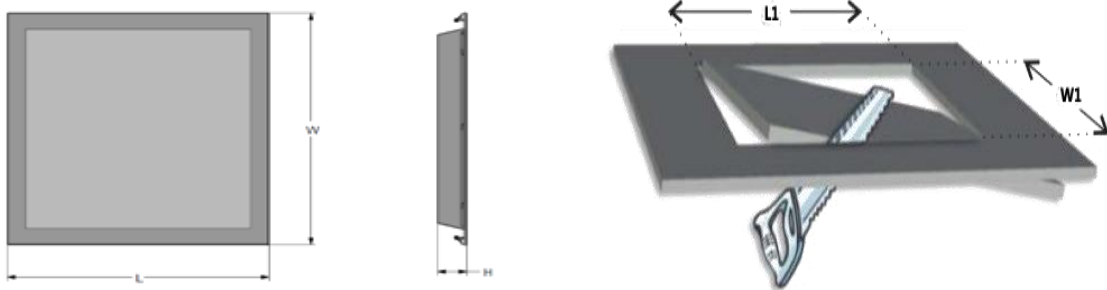
<b>IEC Protection class</b>	Class I
<b>Ingress Protection Rating</b>	IP40
<b>Standarts</b>	TS EN 60598-2-2 , TS EN 60598-1 , TS EN 62471 , TS EN 13032-1 , TS EN 62031
<b>Certificates</b>	CE , TSE

## Model Options

MODEL	CODE	COLOR MODE	COLOR	LUMEN	CRI	LED
BRONZE	AXP.FLT.6060.ALP.BNZ	1	WW/NW/CW	3300lm	Ra> 80	PLESSEY
SILVER	AXP.FLT.6060.ALP.SLV	1	WW/NW/CW	3400lm	Ra> 85	OSRAM
GOLD	AXP.FLT.6060.ALP.GLD	3	WW-NW-CW	3300lm	Ra> 80	PLESSEY
PLATINUM	AXP.FLT.6060.ALP.PLT	3	WW-NW-CW	3400lm	Ra> 85	OSRAM
DIAMOND	AXP.FLT.6060.ALP.DMD	3	WW-NW-CW	3500lm	Ra> 85	OSRAM

## Dimensions & Weight

<b>Length ( L )</b>	600 mm
<b>Width ( W )</b>	600 mm
<b>Height ( H )</b>	60 mm
<b>Product weight</b>	3.1 kg
<b>Mounting hole length ( L1 )</b>	580 mm
<b>Mounting hole width ( W1 )</b>	580 mm
<b>Mounting type</b>	Recessed mounting



## Logistical data

Product code	Product description	Single packaging dimensions (L x W x H)	Single packaging volume ( dm3 )	Single packaging gross weight	Multi packaging unit	Multi packaging dimensions (L x W x H)	Multi packaging volume ( dm3 )	Multi packaging gross weight
	BASIC DRYWAL	620x620x90 mm	10,8	4,1 kg	30 pcs	80x120x136 cm	1349,12	120,3 kg

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## References / Links

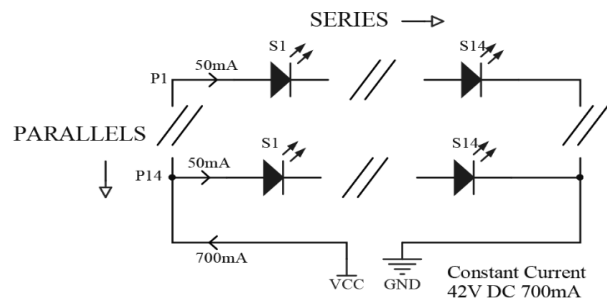
Driver OSRAM  
-Osram Driver Datasheet

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

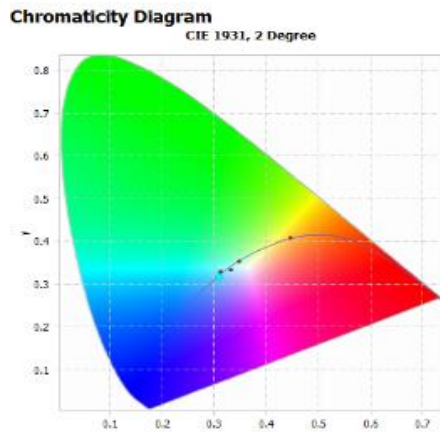
## PCB data

Material	FR4 single layer
Material thickness	1.2 mm
Copper road thickness	25 $\mu\text{m}$
Schematic design	

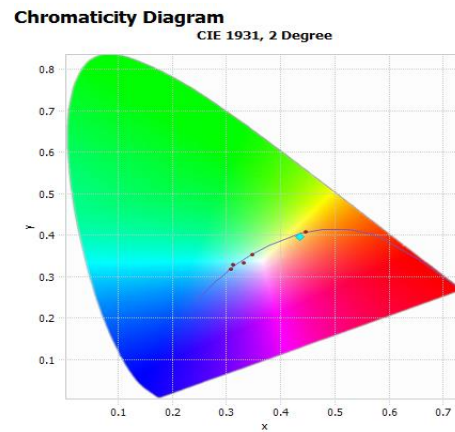


## Spectrometrical data

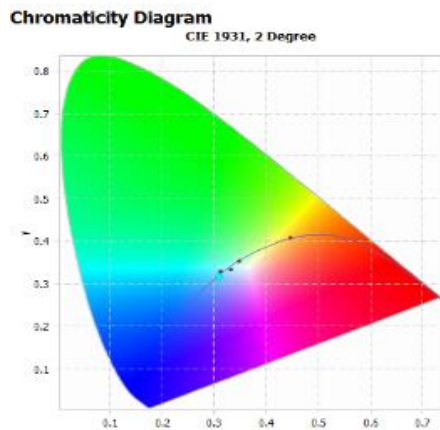
a. Warm White Platinum



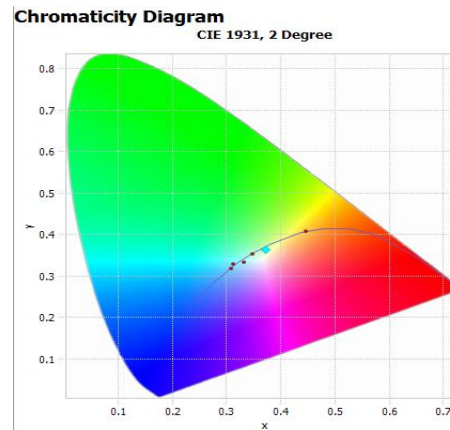
a. Warm White Gold



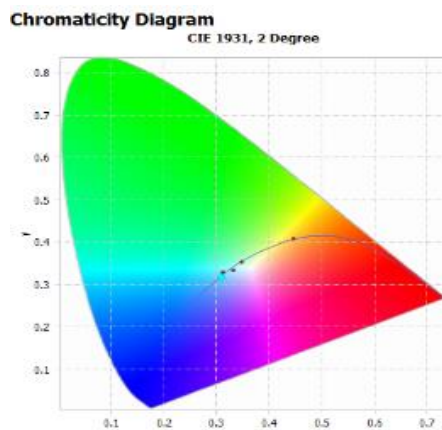
b. Naturel White Platinum



b. Naturel White Gold



c. Cool White Platinum



c. Cool White Gold

