

EASY TO HAVE THE BEST  
ILLUMINATION WITH

## KAGULUX 2.0 BACKLIT PANEL



### PRODUCT INFORMATION

KaguLux 2.0 – an elegant solution to upgrade conventional lighting to LED. This panel has three symmetric light angle versions - 80°, 100° & 115° - for low and middle height ceiling. For lighting management, DALI control is available. Emergency lighting option is also available.

With this low glare panel we enable considerably high efficacy up to 130 lm/W.

### APPLICATION

- Shopping malls
- Hotel halls
- Conference rooms
- Offices
- Corridors
- Schools
- Hospitals

### FEATURES & BENEFITS

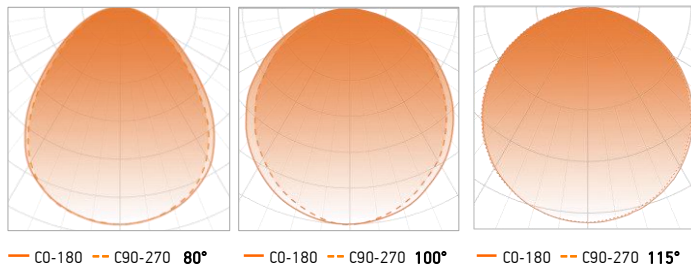
- Efficacy up to 130 lm/W
- Samsung LED
- Diamond / milky opal cover
- DALI control available
- Smart self-learning PIR motion and light sensor available
- Low UGR
- Three symmetric angle versions, designed for low and middle height ceiling

# KAGULUX 2.0 BACKLIT PANEL

## GENERAL INFORMATION

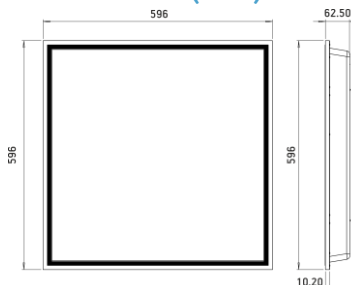
SUPPLY VOLTAGE	198 – 264 V; 50-60 Hz
POWER FACTOR	>0.95
EFFICACY	100 – 130 lm/W
CCT	4000 ± 150 K (natural white)
CRI	>82
IP CLASS	IP20
RECOMMENDED HEIGHT	From 2.2 up to 6 meters
OPERATING TEMP.	-20 °C ~ +60 °C
STORAGE TEMP.	-5 °C ~ +50 °C
LIFETIME	L90B10 70 000 h (Ta 25°C)
MOUNTING OPTIONS	Recessed
CERTIFICATION	CE and RoHS compliant
WEIGHT	2.7 kg (standard) 3.1 kg (with emergency lighting) 2.7 kg (with sensor / DALI)
WARRANTY	5 years
OPTIONAL FEATURES	DALI, emergency lighting, smart self-learning PIR motion and light sensor
EMERGENCY	1 hour – 380 lm

## LIGHT DISTRIBUTION GRAPH



— C0-180 - - C90-270 80° — C0-180 - - C90-270 100° — C0-180 - - C90-270 115°

## DIMENSIONS (mm)



## SENSOR SPECIFICATIONS

SENSOR TYPE	PIR motion, light sensor
DETECTION RANGE	5 m
DETECTION ANGLE	80°
NOMINAL MOUNTING HEIGHT	3 m

## ORDERING INFORMATION

SKU*	COVER	BEAM ANGLE	POWER, W	LUMEN OUTPUT, LM	CCT, K
BPAP-DE-6060A80840I27	diamond	80°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A80840I27-DA	diamond	80°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A80840I27-EMT	diamond	80°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A80840I27-EMST	diamond	80°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A80840I27-DA-EMST	diamond	80°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A80840I27-AP	diamond	80°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32	diamond	80°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32-DA	diamond	80°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32-EMT	diamond	80°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32-EMST	diamond	80°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32-DA-EMST	diamond	80°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A80840I32-AP	diamond	80°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36	diamond	80°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36-DA	diamond	80°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36-EMT	diamond	80°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36-EMST	diamond	80°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36-DA-EMST	diamond	80°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A80840I36-AP	diamond	80°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A80840I42	diamond	80°	42W ± 5%	5120 ± 5%	4000 ± 150
BPAP-DE-6060A80840I42-DA	diamond	80°	42W ± 5%	5120 ± 5%	4000 ± 150
BPAP-DE-6060A80840I42-AP	diamond	80°	42W ± 5%	5120 ± 5%	4000 ± 150

EMT – emergency lighting with manual test function

EMST – emergency lighting with self test and switch DIM function

DA – DALI driver

DA+EMST – DALI dimming with switch DIM function

AP – smart self-learning PIR motion and light sensor

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# KAGULUX 2.0 BACKLIT PANEL

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SKU*	COVER	BEAM ANGLE	POWER, W	LUMEN OUTPUT, LM	CCT, K
BPAP-DE-6060A100840I27	diamond	100°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A100840I27-DA	diamond	100°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A100840I27-EMT	diamond	100°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A100840I27-EMST	diamond	100°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A100840I27-DA-EMST	diamond	100°	27W ± 5%	3440 ± 5%	4000 ± 150
BPAP-DE-6060A100840I27-AP	diamond	100°	27W ± 5%	3510 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32	diamond	100°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32-DA	diamond	100°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32-EMT	diamond	100°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32-EMST	diamond	100°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32-DA-EMST	diamond	100°	32W ± 5%	3940 ± 5%	4000 ± 150
BPAP-DE-6060A100840I32-AP	diamond	100°	32W ± 5%	4100 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36	diamond	100°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36-DA	diamond	100°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36-EMT	diamond	100°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36-EMST	diamond	100°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36-DA-EMST	diamond	100°	36W ± 5%	4320 ± 5%	4000 ± 150
BPAP-DE-6060A100840I36-AP	diamond	100°	36W ± 5%	4530 ± 5%	4000 ± 150
BPAP-DE-6060A100840I42	diamond	100°	42W ± 5%	5120 ± 5%	4000 ± 150
BPAP-DE-6060A100840I42-DA	diamond	100°	42W ± 5%	5120 ± 5%	4000 ± 150
BPAP-DE-6060A100840I42-AP	diamond	100°	42W ± 5%	5120 ± 5%	4000 ± 150
BPAP-OP-6060A115840I27	milky opal	115°	27W ± 5%	2938 ± 5%	4000 ± 150
BPAP-OP-6060A115840I27-AP	milky opal	115°	27W ± 5%	2938 ± 5%	4000 ± 150
BPAP-OP-6060A115840I27-DA	milky opal	115°	27W ± 5%	2938 ± 5%	4000 ± 150
BPAP-OP-6060A115840I27-EMT	milky opal	115°	27W ± 5%	2879 ± 5%	4000 ± 150
BPAP-OP-6060A115840I27-EMST	milky opal	115°	27W ± 5%	2879 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-DA-EMST	milky opal	115°	27W ± 5%	2879 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32	milky opal	115°	32W ± 5%	3406 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32-AP	milky opal	115°	32W ± 5%	3406 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32-DA	milky opal	115°	32W ± 5%	3406 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32-EMT	milky opal	115°	32W ± 5%	3337.9 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32-EMST	milky opal	115°	32W ± 5%	3337.9 ± 5%	4000 ± 150
BPAP-OP-6060A115840I32-DA-EMST	milky opal	115°	32W ± 5%	3337.9 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36	milky opal	115°	36W ± 5%	3680 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-AP	milky opal	115°	36W ± 5%	3680 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-DA	milky opal	115°	36W ± 5%	3680 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-EMT	milky opal	115°	36W ± 5%	3606,4 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-EMST	milky opal	115°	36W ± 5%	3606,4 ± 5%	4000 ± 150
BPAP-OP-6060A115840I36-DA-EMST	milky opal	115°	36W ± 5%	3606,4 ± 5%	4000 ± 150
BPAP-OP-6060A115840I42	milky opal	115°	42W ± 5%	4180 ± 5%	4000 ± 150
BPAP-OP-6060A115840I42-AP	milky opal	115°	42W ± 5%	4180 ± 5%	4000 ± 150
BPAP-OP-6060A115840I42-DA	milky opal	115°	42W ± 5%	4180 ± 5%	4000 ± 150

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