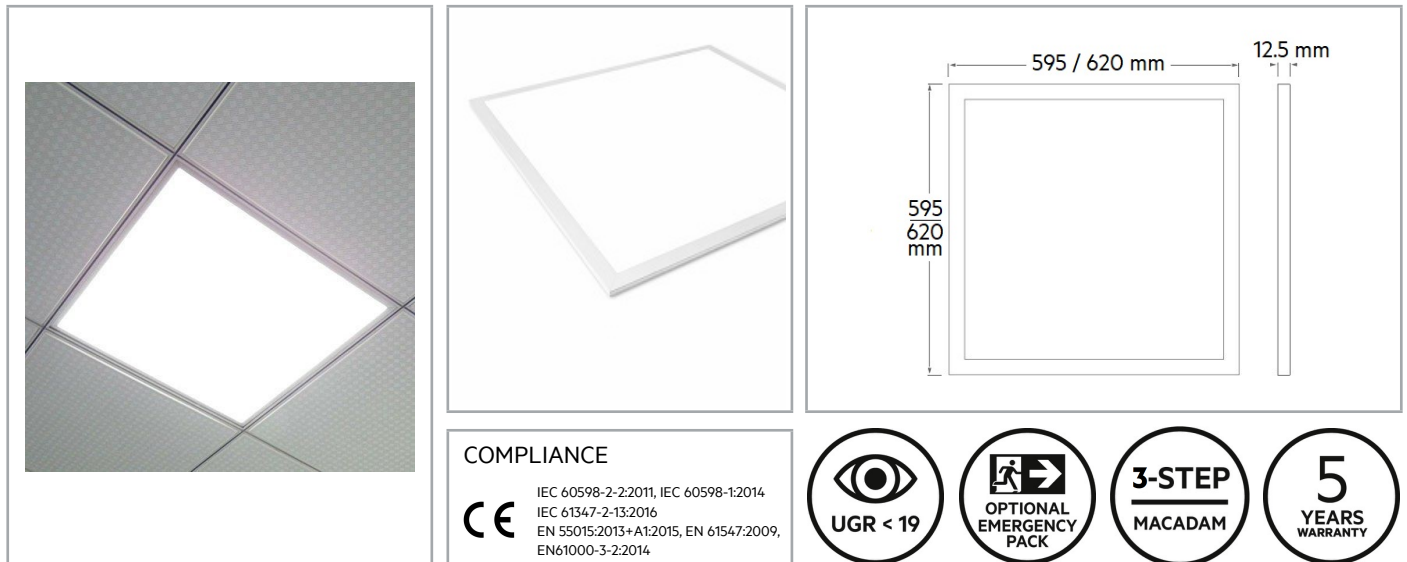


### LP1-595/-620 LIGHT PANEL SERIES

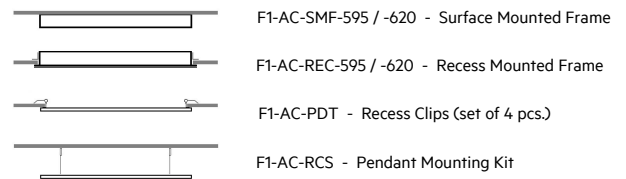
LP1-A595/-A620 - 26 W • LP1-S595/-S620 - 32 W • LP1-B595/-B620 - 34 W • LP1-C595/-C620 - 40 W



### PHYSICAL CHARACTERISTICS

INSTALLATION	Ceiling-Grid Installation*
CUT-OUT SIZE	n/a
DEPTH/HEIGHT	12.5 mm
LENGTH	595 mm / 620 mm
WIDTH/DIAMETER	595 mm / 620 mm
CEILING THICKNESS RANGE	n/a
FIXING SYSTEM	Ceiling-Grid
ADJUSTABILITY	Non-Adjustable
IP-RATING	IP20 / IP44 Optional
IK-RATING	IK02
FIXTURE MATERIAL	Aluminium / PMMA
STANDARD FINISH	RAL 9010 Pure White
FINISH TYPE	Powder Coating

### \*OPTIONAL INSTALLATION ACCESSORIES



### ELECTRIC / PHOTOMETRIC DATA

LIGHT SOURCE	3528 SMD-LED (Seoul Semicon STW8A12D-E2)
CHROMATICITY TOLERANCE	3-Step MacAdam
INPUT CURRENT (S, A, B, C)	700, 800, 900, 1050 mA
NOMINAL POWER	24, 30, 32, 38 W
NOM LUMINOUS FLUX	4050, 3744, 4726, 5168 lm (WW) / NW x 1.04
NOMINAL EFFICACY	132-144 lm/W / NW x 1.04
SYSTEM POWER	26, 32, 34, 40 W
LUMINAIRE LUMINOUS FLUX	2875, 3350, 3780, 4305 lm (WW) / NW x 1.04
SYSTEM EFFICACY	105-111 lm/W (WW) / NW x 1.04
COLOR RENDITION	Ra 80
COLOR TEMPERATURE OPTIONS	3000 K (WW) / 4000 K (NW)
BEAM ANGLE	120°
GLARE CONTROL	UGR < 19

### MISCELLANEOUS SPECIFICATIONS

ENERGY CLASS	A+
MAINS VOLTAGE	220-240 V AC
FREQUENCY	50/60 Hz
SAFETY CLASS	II
ENVIRONMENTAL TEMP.	-20°C / +50°C
RATED SERVICE LIFE (h)	50.000 L80 B10
WARRANTY	5 years

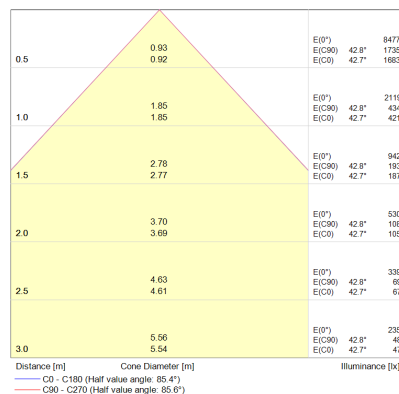
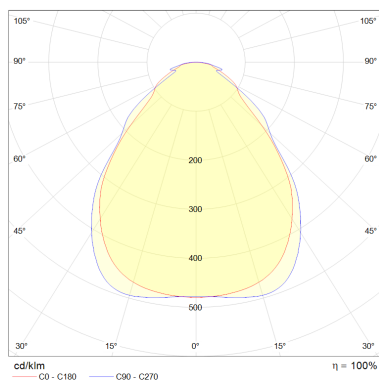
## LP1-595/-620 LIGHT PANEL SERIES

LP1-A595/-A620 - 26 W • LP1-S595/-S620 - 32 W • LP1-B595/-B620 - 34 W • LP1-C595/-C620 - 40 W

## DRIVER OPTIONS / SPECIFICATIONS

LIGHT PANEL	595 x 595 mm	620 x 620 mm	OUTPUT CURRENT	SYSTEM POWER	SWITCHABLE NON-DIMMABLE	PHASE-CUT DIMMABLE	1-10 V DIMMABLE	DALI DIMMABLE
LP1	-A595	-A620	700 mA	26 W	TRIDONIC # 87500342	TRIDONIC # 87500605	TCI # 127021	TRIDONIC # 28000671
LP1	-S595	-S620	800 mA	32 W	AEG # K48-F1-32-800	X	X	X
LP1	-B595	-B620	900 mA	34 W	TRIDONIC # 87500344	X	TCI # 127021	TRIDONIC # 28000672
LP1	-C595	-C620	1050 mA	40 W	TRIDONIC # 87500351	TRIDONIC # 87500605	TCI # 127021	TRIDONIC # 28000672

## PHOTOMETRICS



Glare Evaluation According to UGR											
		70	70	50	50	30	70	70	50	50	30
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.8	16.9	16.1	17.1	17.3	15.6	16.7	15.9	16.9	17.1
	3H	16.6	17.6	16.9	17.9	18.1	16.3	17.3	16.6	17.5	17.8
	4H	17.1	18.0	17.4	18.3	18.6	17.0	18.0	17.3	18.2	18.5
	6H	17.6	18.5	18.0	18.8	19.1	17.7	18.6	18.1	18.9	19.2
4H	8H	17.9	18.7	18.2	19.0	19.3	18.0	18.9	18.4	19.2	19.5
	12H	18.0	18.8	18.4	19.1	19.4	18.3	19.1	18.6	19.4	19.7
	2H	16.1	17.0	16.4	17.3	17.6	16.0	16.9	16.3	17.2	17.5
	3H	17.1	17.9	17.5	18.3	18.6	16.8	17.6	17.2	17.9	18.3
8H	4H	17.9	18.6	18.3	18.9	19.3	17.7	18.4	18.1	18.8	19.1
	6H	18.7	19.3	19.1	19.7	20.1	18.6	19.2	19.0	19.6	20.0
	8H	19.0	19.6	19.4	19.9	20.4	19.0	19.6	19.5	20.0	20.4
	12H	19.2	19.7	19.6	20.1	20.5	19.4	19.9	19.8	20.3	20.7
12H	4H	18.2	18.8	18.7	19.2	19.6	18.0	18.6	18.5	19.0	19.4
	6H	19.3	19.7	19.7	20.1	20.6	19.1	19.6	19.6	20.0	20.5
	8H	19.7	20.1	20.1	20.5	21.0	19.6	20.0	20.1	20.5	21.0
	12H	20.0	20.3	20.4	20.8	21.3	20.1	20.4	20.6	20.9	21.4

Variation of the observationposition for the luminaire distance S

S = 1.0H	+0.2 / -0.3	+0.2 / -0.2
S = 1.5H	+0.4 / -0.6	+0.4 / -0.7
S = 2.0H	+0.9 / -1.0	+1.0 / -1.2

Standard table	BK05	BK06
Correction summand	1.7	2.2

Corrected glare indices referring to 4419lm total luminous flux

NOTE: photometric data taken from LDT-file of LP1-C595

## ORDERING INFORMATION

### LP1 LIGHT PANEL SERIES - 595 x 595 mm

QUICK REF.	P / OUTPUT	DIMENSIONS	CCT	CRI	BEAM	DRIVER	FINISH
LP1-x595 SERIES	- A - 26 W / 2875 lm	595 x 595 mm	3000 K	Ra80	100°	- 1 - SWITCHABLE - 2 - PHASE-CUT N/A for LP1-S595/-B595 - 4 - 1-10 V N/A for LP1-S595 - 5 - DALI N/A for LP1-S595	PURE WHITE RAL 9010
	- S - 30 W / 3350 lm						
	- B - 34 W / 3780 lm						
	- C - 40 W / 4300 lm						
- F1 -	- 595 -	- 40 -	- 80 -	- 100 -	- 01 -		

### NOMENCLATURE GUIDE [EXAMPLE]

**ITEM CODE**  
# LP1S595.40.80.100.10.1

**ITEM DESCRIPTION**  
LIGHT PANEL LP1 - 595 x 595 mm -  
STANDARD SERIES - 4000 K - RA80 - 100° -  
SWITCHABLE DRIVER - PURE WHITE FINISH

- F1-AC-SMF-595** - Surface Mounted Frame LP1-x595
- F1-AC-REC-595** - Recess Mounted Frame LP1-x595
- F1-AC-PDT** - Recess Mounting Clips (Set of 4 pcs)
- F1-AC-RCS** - Pendant Mounting Kit

### LP1 LIGHT PANEL SERIES - 620 x 620 mm

QUICK REF.	P / OUTPUT	DIMENSIONS	CCT	CRI	BEAM	DRIVER	FINISH
LP1-x620 SERIES	- A - 26 W / 2875 lm	620 x 620 mm	3000 K	Ra80	100°	- 1 - SWITCHABLE - 2 - PHASE-CUT N/A for LP1-S595/-B595 - 4 - 1-10 V N/A for LP1-S595 - 5 - DALI N/A for LP1-S595	PURE WHITE RAL 9010
	- S - 30 W / 3350 lm						
	- B - 34 W / 3780 lm						
	- C - 40 W / 4300 lm						
- F1 -	- 620 -	- 40 -	- 80 -	- 100 -	- 01 -		

- F1-AC-SMF-620** - Surface Mounted Frame LP1-x620
- F1-AC-REC-620** - Recess Mounted Frame LP1-x620
- F1-AC-PDT** - Recess Mounting Clips (Set of 4 pcs)
- F1-AC-RCS** - Pendant Mounting Kit

Wattage and lumen values may vary by +/- 10% due to thermal effects, driver losses, output current tolerances and voltage variations. Technical specifications are subject to change without notice.