

CoronaTM
PANEL LIGHTS



CORONA™ PANEL RANGE

OUR CORONA™ LED PANEL SERIES are aesthetically beautiful, light weight, efficient and ideal for new or retrofit projects requiring a modern and versatile solution.

BENEFITS OF OUR RANGE

- USES ~50% LESS ELECTRICITY THAN FLUORESCENT TECHNOLOGY
- LASTS ON AVERAGE THREE TIMES LONGER THAN FLUORESCENT TUBES
- IS AVAILABLE IN A VARIETY OF SIZES FOR ANY ENVIRONMENT OR APPLICATION
- GENERATES VERY LITTLE HEAT WHICH REDUCES LOADS ON AIR-CONDITIONING, LESSENS FIRE RISK AND IMPROVES SAFETY
- DO NOT REQUIRE A STARTER OR BALLAST – FURTHER REDUCING ENERGY USE AND FIXTURE WEIGHT
- CONTAINS NO HARMFUL OR TOXIC SUBSTANCES AND ARE FULLY RECYCLABLE
- ELIMINATES MERCURY RECYCLING COSTS
- DOES NOT EMIT UV RADIATION
- CYANOSIS OBSERVATION INDEX (COI) COMPLIANT UNITS AVAILABLE
- MOST PRODUCTS HAVE VEET AND IPART APPROVALS





PRODUCT INFORMATION

MEASUREMENTS

LIGHT SOURCE

LENS

HOUSING

MOUNTING

TRIM

OPERATING TEMPERATURE

LENGTH	WIDTH	DEPTH
295 / 595mm	295 / 595mm	10 / 8mm
LumenMax/Epistar		
Frosted PC or Prismatic		
Aluminium alloy		
Default - mount in T-Bar ceiling grid		
Recessed with Plaster Frame Kit,		
Suspended, Hard Surface, Box Frame.		
White		
-20°C to +45°C		

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

DIMMABLE

LIFESPAN

POWER

UGR

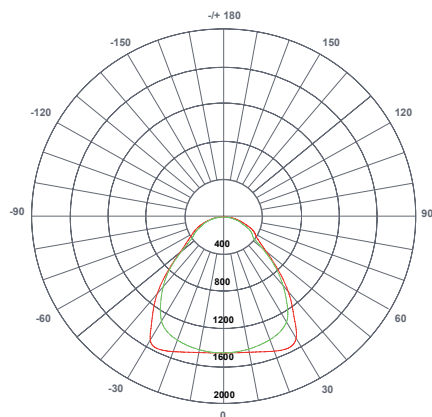
BEAM ANGLE

CRI

CCT

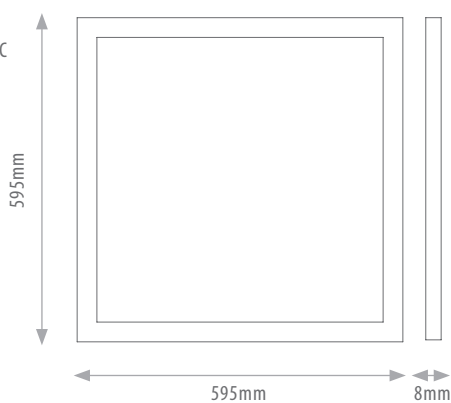
110VAC 60Hz, 230VAV 50Hz
0-10V/PWM, DALI or Tridonic
50,000 hours
20W, 30W, 40W, 50W
19
120°
>80
5,700K Cool White
4,000K Natural White
3,000K Warm White

BEAM ANGLE = 120°

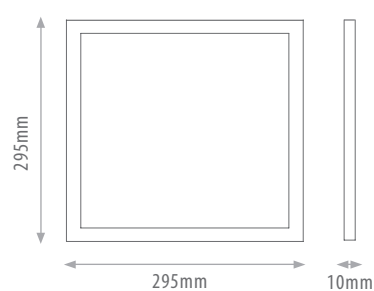


Unit: cd
 c0/180 : PRISMATIC
 c90/270 : STANDARD

SCHEMATIC OF CORONA-600SS



SCHEMATIC OF CORONA-300S



PRODUCT CODE BUILDER

E.G. CORONA-600SS-W40WN-D

PRODUCT RANGE	LENGTH (MM)	LENS	TRIM	POWER	CCT	DIMMING
Corona	- 300S - 600SS	P (Prismatic)	- W (White)	20W 30W 40W 50W	C (Cool White) N (Natural White) W (Warm White)	- ND (None) - D (0-10V/PWM) - DD (DALI) - TD (Tridonic DALI)

OUTPUT

	Cool White	Natural White	Warm White
20W	1,700 lm	1,500 lm	1,300 lm
30W	3,700 lm	3,500 lm	3,200 lm
40W	4,000 lm	3,800 lm	3,600 lm
50W	4,900 lm	4,700 lm	4,500 lm

CoronaTM Rectangular

ULTRA SLIM PANEL LIGHTS



PRODUCT INFORMATION

MEASUREMENTS

LENGTH	WIDTH	DEPTH
595/ 1,195mm	295/ 595mm	8mm

LIGHT SOURCE

LumenMax/Epistar LED

LENS

Frosted PC or Prismatic

HOUSING

Aluminium alloy

MOUNTING

Default - mount in T-Bar ceiling grid
Recessed with Plaster Frame Kit,
Suspended, Hard Surface, Box Frame.

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 230VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours

POWER

26W, 40W, 70W

UGR

19

BEAM ANGLE

120°

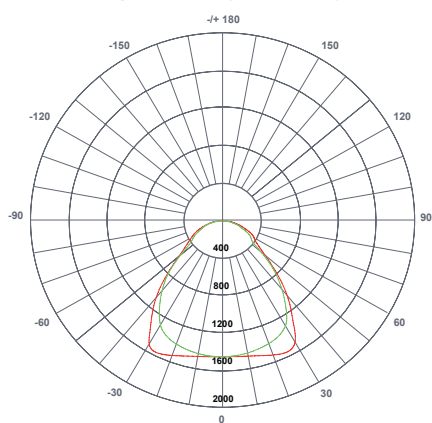
CRI

>80

CCT

5,700K Cool White
4,000K Natural White
3,000K Warm White

BEAM ANGLE = 120°



Unit: cd
c0/180 : PRISMATIC
c90/270 : STANDARD

OUTPUT

	Cool White	Natural White	Warm White
26W	2,500 lm	2,300 lm	2,100 lm
40W	4,200 lm	4,000 lm	3,800 lm
70W	5,900 lm	5,700 lm	5,500 lm

SCHEMATIC OF CORONA-1200RS



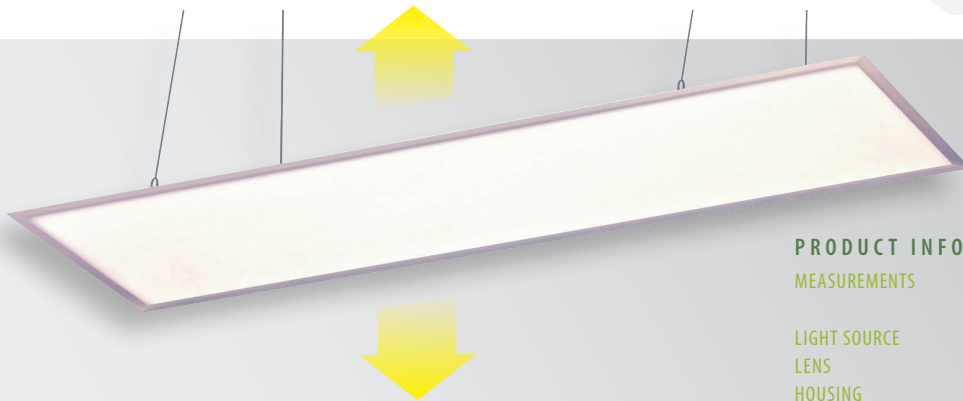
PRODUCT CODE BUILDER

E.G. CORONA-1200RS-W40WN-D

PRODUCT RANGE	LENGTH (MM)	WIDTH (MM)	LENS	TRIM	POWER	CCT	DIMMING		
Corona	- 600	RS(300)	P (Prismatic)	- W (White)	26W	C (Cool White)	- ND (None)		
	- 1200	RS(300)			26W	N (Natural White)	- D (0-10V/PWM)		
					40W	W (Warm White)	- DD (DALI)		
					70W		- TD (Tridonic DALI)		
	-----	R6S(600)			40W				
					70W				

Corona™ Up / Down

RECTANGULAR PANEL LIGHTS



UP/DOWN PANEL

26W or 40W panel with frosted backing which emits ~30% of total lumens upwards.

PRODUCT INFORMATION

MEASUREMENTS

LENGTH	WIDTH	DEPTH
1,195mm	295mm	12mm

LIGHT SOURCE

Epistar

LENS

Frosted PC or Prismatic (Down Only)

HOUSING

Aluminium alloy

MOUNTING

Suspended

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 230VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours

POWER

26W, 40W

UGR

19

BEAM ANGLE

120°

CRI

>80

CCT

5,700K Cool White
4,000K Natural White
3,000K Warm White

SCHEMATIC OF CORONA-U1200R



OUTPUT

	Cool White	Natural White	Warm White
26W	U: 715 lm D: 1,620 lm	U: 650 lm D: 1,560 lm	U: 620 lm D: 1,430 lm
40W	U: 1,100 lm D: 2,500 lm	U: 1,000 lm D: 2,400 lm	U: 950 lm D: 2,250 lm

PRODUCT CODE BUILDER

E.G. CORONA-U1200R-W40WN-D-S

PRODUCT RANGE	TYPE	LENGTH (MM)	LENS	TRIM	POWER	CCT	DIMMING	MOUNTING
Corona	- U (Up/Down)	1200R (1200)	P (Prismatic)	- W (White)	26W 40W	C (Cool White) N (Natural White) W (Warm White)	- ND (None) - D (0-10V/PWM) - DD (DALI) - TD (Tridonic DALI)	- S (Suspended)



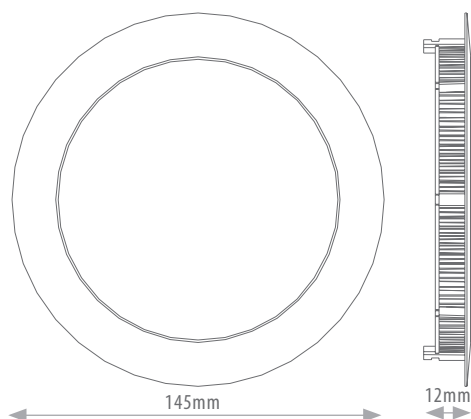
PRODUCT INFORMATION

MEASUREMENTS	LENGTH	DEPTH
	145 / 180 / 240mm	12mm
CUTOUT	125 / 160 / 220mm	
LIGHT SOURCE	Epistar LED	
LENS	Frosted PC or Prismatic	
HOUSING	Aluminium alloy	
MOUNTING	Recessed (with 2 x spring clips)	
TRIM	White	
OPERATING TEMPERATURE	-20°C to +45°C	

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	110VAC 60Hz, 230VAC 50Hz
DIMMABLE	0-10V/PWM, DALI or Tridonic
LIFESPAN	50,000 hours
POWER	8W, 15W, 24W
BEAM ANGLE	120°
CRI	>75
CCT	5,700K Cool White 4,000K Natural White 3,000K Warm White

SCHEMATIC OF CORONA-145C



OUTPUT

	Cool White	Natural White	Warm White
8W	650 lm	600 lm	450 lm
15W	1,300 lm	1,200 lm	1,000 lm
24W	2,200 lm	2,000 lm	1,800 lm

PRODUCT CODE BUILDER

E.G. CORONA-240C-24WN-D

PRODUCT RANGE	DIAMETER (MM)	LENS	POWER	CCT	DIMMING
Corona	- 145C (145)	P (Prismatic)	- 8W	C (Cool White)	- ND (None)
	- 180C (180)		- 15W	N (Natural White)	- D (0-10V/PWM)
	- 240C (240)		- 24W	W (Warm White)	- DD (DALI)
					- TD (Tridonic DALI)



580C



380C

PRODUCT INFORMATION



MEASUREMENTS

DIAMETER 380 / 580 / 980mm DEPTH 13.5 / 15mm

LIGHT SOURCE

Epistar LED

LENS

Frosted PC

HOUSING

Aluminium alloy

MOUNTING

Wall/Ceiling Mount or Suspension

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 277VAC 50Hz

DIMMABLE

Optional

LIFESPAN

50,000 hours

POWER

25W, 40W, 60W, 65W

BEAM ANGLE

120°

CRI

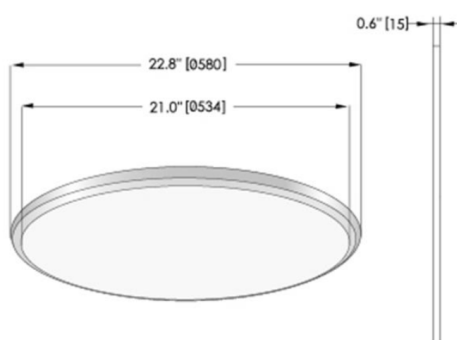
>80

CCT

5,000-6,000K Cool White
3,800-4,500K Natural White
2,800-3,500K Warm White

580mm Diameter option also available as Up/Down in 40W & 60W. Contact Emphyrean for more details.

SCHEMATIC OF CORONA-580C-W40W



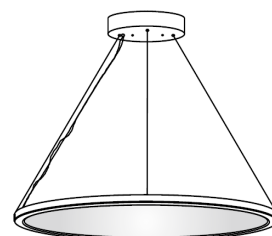
OUTPUT

	Cool White	Natural White	Warm White
25W	2,600 lm	2,500 lm	2,300 lm
40W	3,600 lm	3,400 lm	3,200 lm
60W	5,220 lm	5,000 lm	4,800 lm
65W	6,100 lm	6,000 lm	5,900 lm

WALL/CEILING MOUNT



SUSPENSION MOUNT



PRODUCT CODE BUILDER

E.G. CORONA-580C-W40WN-ND

PRODUCT	DIAMETER	TRIM	POWER	CCT	DIMMING
Corona	- 380C (380)	-W (White)	- 25W	C (Cool White)	- ND (None)
	- 580C (580)		- 40W	N (Natural White)	- D (0-10V/PWM)
			- 60W	W (Warm White)	- DD (Dali)
	- 980C (980)		- 65W		- TD (Tridionid DALI)



PRODUCT INFORMATION



MEASUREMENTS

LENGTH 1,195mm
WIDTH 295mm
DEPTH 8mm

LENS

Frosted PC or Prismatic

HOUSING

Aluminium alloy

MOUNTING

Default - mount in T-Bar ceiling grid
Recessed with Plaster Frame Kit,
Suspended, Hard Surface, Box Frame.
White

TRIM

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 240VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours

POWER

26W, 40W, 70W

BEAM ANGLE

120°

CRI

95

CCT

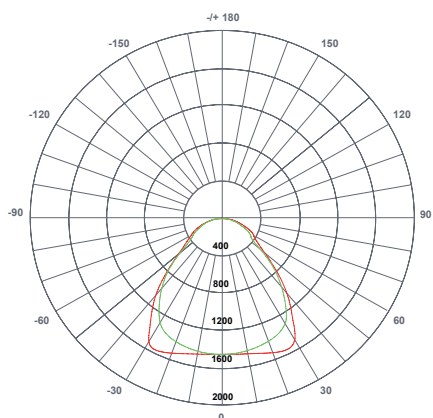
~3,970K Natural White

COI*

1.0

*CYANOSIS OBSERVATION INDEX (NATA LABORATORY CERTIFIED TO AS/NZS 1680.2.5:1997)

BEAM ANGLE = 120°



Unit: cd

c0/180 : PRISMATIC

c90/270 : STANDARD

SCHEMATIC OF CORONA-1200RS



PRODUCT CODE BUILDER

E.G. CORONA-1200RS-CYW40WN-D

PRODUCT RANGE	LENGTH (MM)	WIDTH (MM)	LENS	CYANOSIS	TRIM	POWER	CCT	DIMMING
Corona	- 1200	RS(300)	P (Prismatic)	- CY	W (White)	26W 40W 70W	N (Natural White)	- ND (None) - D (Tridonic Dali) - DD (DALI) - TD (Tridonic DALI)



PRODUCT INFORMATION

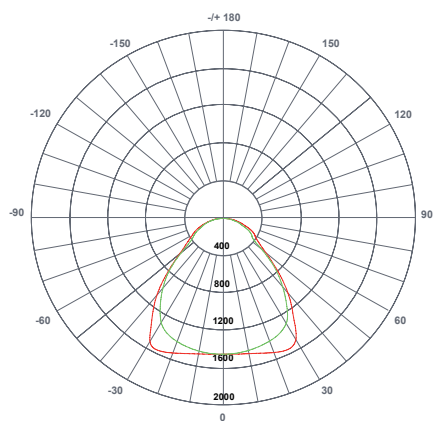
MEASUREMENTS	LENGTH	WIDTH	DEPTH
	595mm	595mm	8mm
LENS	Frosted PC or Prismatic		
HOUSING	Aluminium alloy		
MOUNTING	Default - mount in T-Bar ceiling grid Recessed with Plaster Frame Kit, Suspended, Hard Surface, Box Frame.		
TRIM	White		

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	110VAC 60Hz, 240VAV 50Hz
DIMMABLE	0-10V/PWM, DALI or Tridonic
LIFESPAN	50,000 hours
POWER	30W, 40W, 50W
BEAM ANGLE	120°
CRI	95
CCT	~3,970K Natural White
COI*	1.0

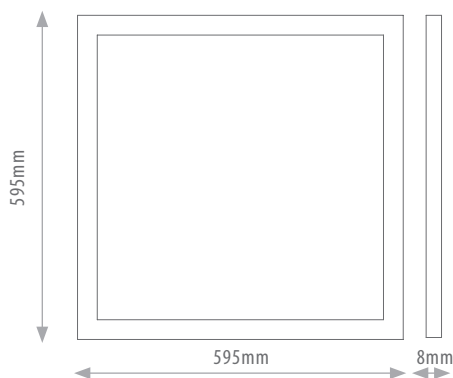
*CYANOSIS OBSERVATION INDEX (NATA LABORATORY CERTIFIED TO AS/NZS 1680.2.5:1997)

BEAM ANGLE = 120°



Unit: cd
 c0/180 : PRISMATIC
 c90/270 : STANDARD

SCHEMATIC OF CORONA-600SS



PRODUCT CODE BUILDER

E.G. CORONA-600SS-CYS40WN-D

PRODUCT RANGE	LENGTH (MM)	LENS	CYANOSIS	TRIM	POWER	CCT	DIMMING
Corona	- 600SS	P (Prismatic)	- CY	W (White)	30W 40W 50W	N (Natural White)	- ND (None) - D (0-10V/PWM) - DD (DALI) - TD (Tridonic DALI)

CoronaTM Mounting

FIXTURES



STANDARD

NO KIT REQUIRED:

Fits into T-Bar Ceiling Grid. Driver housed in ceiling.



RECESSED WITH FRAME KIT

MOUNTING CODE: Corona-RecessedKit-1200RS/600S/600R-W

Kit is recessed into plaster ceiling (cut out).

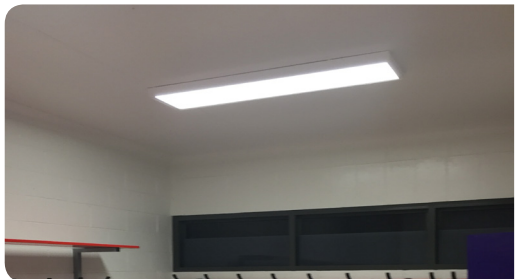
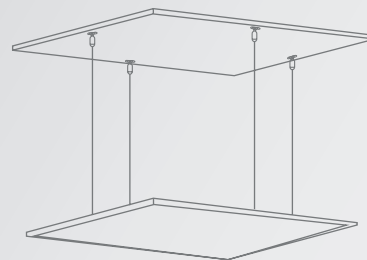
Driver is housed in ceiling or on top of panel.



SUSPENDED

MOUNTING CODE: Corona-Mount-SuspensionKit

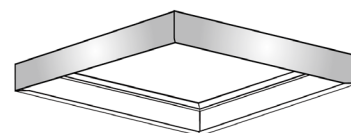
Driver is housed in ceiling or on top of panel.



BOX FRAME

SURFACE MOUNT BOX: Corona-BoxFrame-1200R/600S-W

Contains panel and driver (between panel and surface).



HARD SURFACE

MOUNTING CODE: Corona-Mount-HardSurface

Driver is housed between panel and surface.





EmpyreanTM
LIGHTING

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