

Ascella is all things to all installations.

This multi-purpose LED luminaire is suitable for domestic and many commercial applications, providing optimum lighting levels (up to 3700 lm) and minimal running costs. Both slim and wide body models are available in a number of power and colour temperature variations, and all units feature a PMMA opalised diffuser. Ascella is designed for surface mounting and offers quick and easy installation, not to mention near-zero maintenance. Ascella also features end cap knockouts for in-line mounting, or end-to-end mounting allowing for continuous ceiling runs without the eyesore of exposed conduit.



FEATURES

- » Slim and wide body models
- » PMMA opalised diffuser
- » Chassis and accessory metal surfaces treated & degreased, finished in a white polyester-epoxy powder-coat and baked for unprecedented protection and the highest quality finish
- » 50,000 hr LEDs
- » Energy efficient electronic control gear
- » Surface mounting
- » Knockouts for in-line mounting
- » Quick and easy installation

APPLICATIONS

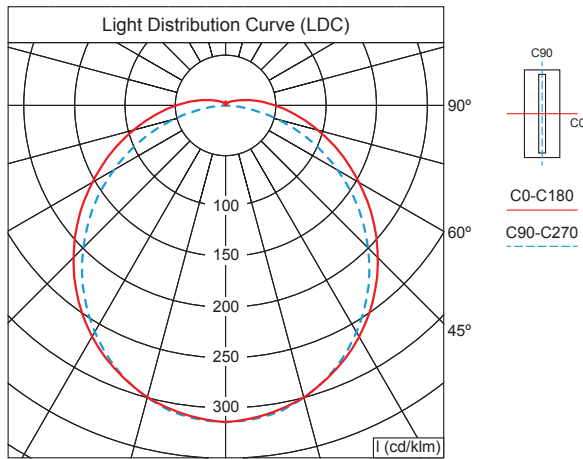
- » Domestic areas
- » Hotels / motels
- » Offices
- » Commercial interiors
- » Showrooms, galleries
- » Boardrooms
- » Schools

OPTIONS

- » Dimmable versions
 - » Single-point emergency
- (Note: options are indent only)

Manufactured under ISO 9001:2008 to standards IEC/AS/NZS60598.1
IEC/AS/NZS60598.2.1
IEC/AS/NZS CISPR 15

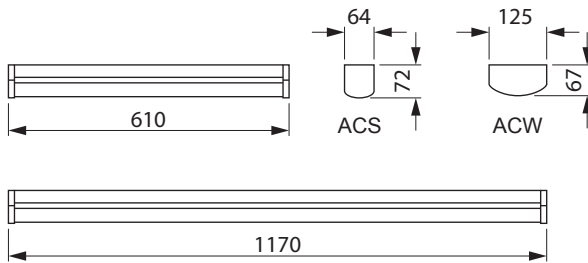
LIGHTING DATA



ACW435RBL4K

Utilisation Table (TM5)					ACW435RBL4K-P17021303.IES						
Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	57	65	72	77	84	89	93	97	100
70	30	20	49	57	64	70	78	83	87	92	96
70	10	20	43	51	58	64	72	78	82	88	93
50	50	20	54	62	69	73	80	85	88	92	95
50	30	20	48	55	62	67	75	80	83	88	92
50	10	20	42	50	57	62	70	75	79	85	89
30	50	20	52	59	66	70	76	80	83	87	90
30	30	20	46	53	60	65	72	76	80	84	87
30	10	20	42	49	56	61	68	73	76	81	85
0	0	0	39	46	52	57	63	68	71	76	79
BZ-class			5	5	5	5	5	5	5	5	5
			SHRnom : 1.50				SHRmax : 1.599				

DIMENSIONS



SPECIFICATIONS

Model		ACS220xyK	ACS420xyK	ACS435xyK	ACW220xyK	ACW420xyK	ACW435xyK
Length (mm)		610	1170		610	1170	
Body Material		Mild steel, white powdercoat					
Diffuser Material		PMMA Opalised					
Input Voltage		220-240V~ 50/60Hz					
Nominal Power (W)		20	20	35	20	20	35
Nominal System Flux (lm)	RBL / DLS	>1700	>2800	>3700	>1600	>2700	>3700
	TBD	>1600	>2000	>3600	>1600	>1900	>3700
Efficacy (lm/W)	RBL / DLS	85	140	106	80	135	106
	TBD	80	100	106	80	95	106
Power Factor		>0.88	>0.90		>0.88	>0.90	
Colour Temperature		3000K / 4000K / 6500K					
CRI		>80					
Ta		35 °C					
Average Life	RBL / DLS	50,000 hours					
	TBD	30,000 hours					
Weight (kg)		1.0	1.5	1.5	1.3	2.0	2.0

x denotes LED system = RBL / DLS / TBD
y denotes CCT = 3=3000K ; 4=4000K ; 6=6500K

Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a competent person at all times. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.

