

Ascella EMS

Emergency Lighting / Batten



DAVIS LIGHTING

Features

- Osram high performance drivers
- 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
- Energy efficient electronic control gear
- Rechargeable NiCad battery
- Single-point emergency
- Surface mounting
- Knockouts for in-line mounting
- Quick and easy installation



Applications

- Commercial buildings
- Offices
- Schools
- Hotels / motels
- Showrooms / galleries

Options

- Dimmable
- CCT 3000K, 4000K or 6500K

Standards

- Manufactured under ISO 9001:2015 to standards
- IEC/AS/NZS 60598.1
- IEC/AS/NZS 60598.2.1
- IEC/AS/NZS 60598.2.22
- AS/NZS 2293.3
- IEC/AS/NZS CISPR 15

Mounting Methods



Surface mounted



Specifications

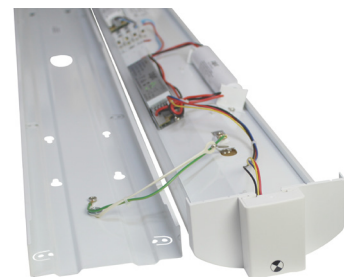
Model	ACS435RBLxKEMS	ACW435RBLxKEMS
Operation	Sustained	
Nominal Power (W)	35	35
Input Voltage	220 - 240 VAC 50 / 60 Hz	
Luminous Flux (lm)*	3700	3700
Efficacy (lm/W)*	110	106
CRI	≥ 80	
Power Factor	0.96	
CCT (K)	3000 / 4000 / 6500	
Beam Angle (°)	100	
Luminaire Rated Life (hrs)	50,000	
Ambient Temp. <i>t_a</i> (°C)	35	
Classification	D63	
Weight (kg)	1.84	2.34

*x" denotes CCT, 3 = 3000K ; 4 = 4000K ; 7 = 6500K

*Specifications shown for 4000K

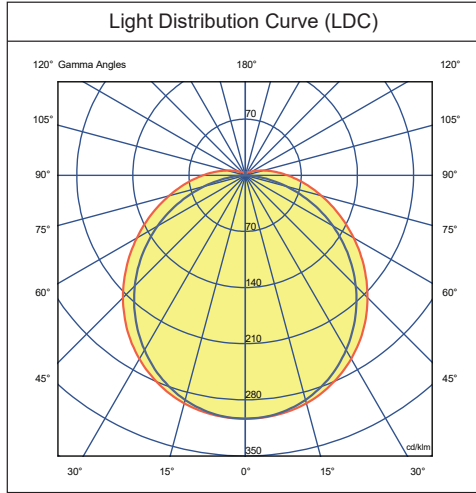
Parameter	Technical Data
Lamp Type	3 x 1W LED module
Supply Voltage	240 VAC 50 / 60 Hz
LED Power	3W
Luminous Flux	330 lm
Efficacy	112 lm/W
Emergency Duration	2 hrs
Recharge Period	16 hrs
Battery Type	Nickel Cadmium (NiCad)
Charge Monitor	LED
Test Facility	Micro switch
Safety Features	Low battery voltage cut off
Construction	Injection-moulded fire-retardant high-impact
Classification	D63

Ascella emergency battens are fitted with a pre-wired slide-on module that contains a 3W light source, a charge monitor and a micro test switch. This module is attached to one end of the luminaire and the charger and battery are housed within.

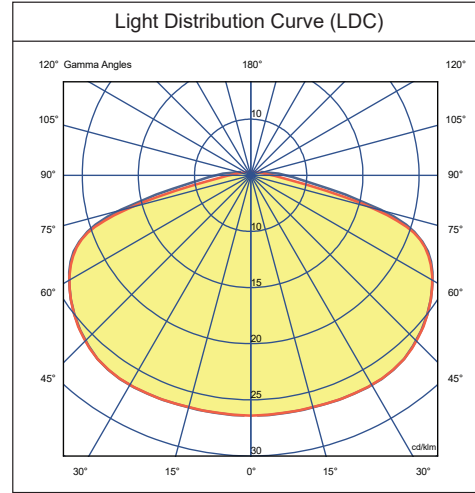


Lighting Data

ACW435RBL4KEMS -Standard Mode



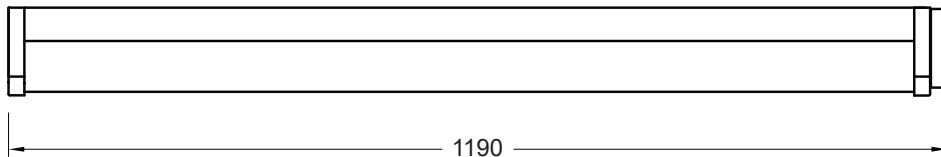
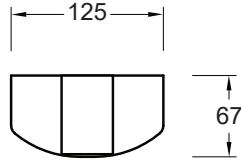
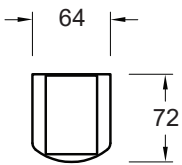
ACW435RBL4KEMS -Emergency Mode



Dimensions

ACS

ACW



Spacings

Mounting Height (m)	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	15.0		
Classification	spacing between luminaires (m)																
Plane C0	D63	L	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9	28.0
Classification	spacing between luminaire & wall (m)																
Plane C0	D63	W	9.7	10.1	10.5	10.9	11.2	11.5	11.8	12.2	12.6	13.2	13.7	14.0	14.3	14.4	14.0

Based on AS2293.1-2005 (minimum 0.2 lux)

