LED Lighting SA
www.ledlighting.co.za

DAE50

LED Diffused Aluminium Extrusion

Features

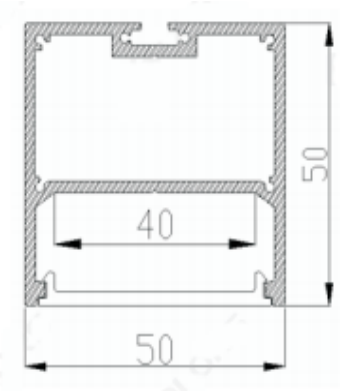
- Linear profile with diffused light effect.
- Available in 3000K (WW - warm white) 4000K (NW - natural white) and 6000K (CW - cool white)
- Products can be mounted end-to-end to create long lengths.
- High efficiency OSRAM LEDs
- Extremely low maintenance cost
- 5 Year Guarantee
- Hanging brackets available
- Product available in increments of 75mm up to 5m

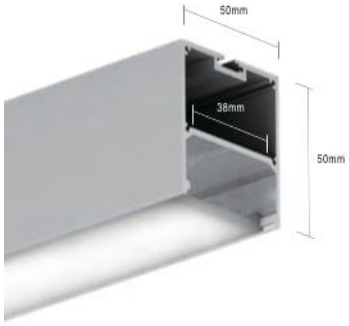
LED Light for you powered by OSRAM CERTIFIED PARTNER

GREEN BUILDING COUNCIL OF SOUTH AFRICA

Dimensions

Name	Length	Width (mm)	Height (mm)
DAE50	Increments of 75mm	50	50





General Specifications

LED Chip Type	OSRAM Duris E5
Operating Ambient Temperature	-25˚C - +40˚C
Working Life of LED	50 000 hrs
IP-Rating	IP 20
Beam Angle Options	Diffused
Housing Color Type Options	Silver

Optical Characteristics

Name	LED Colours	Luminous Flux	Colour Temperature	CRI	Max connected length
DAE50 12V 15W/m	Cool White	463 lm	6000 K	75	5m
	Natural White	463 lm	4000 K	85	5m
	Warm White	463 lm	3000 K	85	5m
DAE50 24V 30W/m	Cool White	926 lm	6000 K	75	5m
	Natural White	926 lm	4000 K	85	5m
	Warm White	926 lm	3000 K	85	5m
DAE50 20W CC	Cool White	2351 lm	6000 K	75	1.5m
	Natural White	2351 lm	4000 K	85	1.5m
	Warm White	2351 lm	3000 K	85	1.5m
DAE50 40W CC	Cool White	4302 lm	6000 K	75	1.5m
	Natural White	4302 lm	4000 K	85	1.5m
	Warm White	4302 lm	3000 K	85	1.5m

*DAE50 xxW CC only available in 600mm, 900mm, 1200mm and 1500mm lengths.

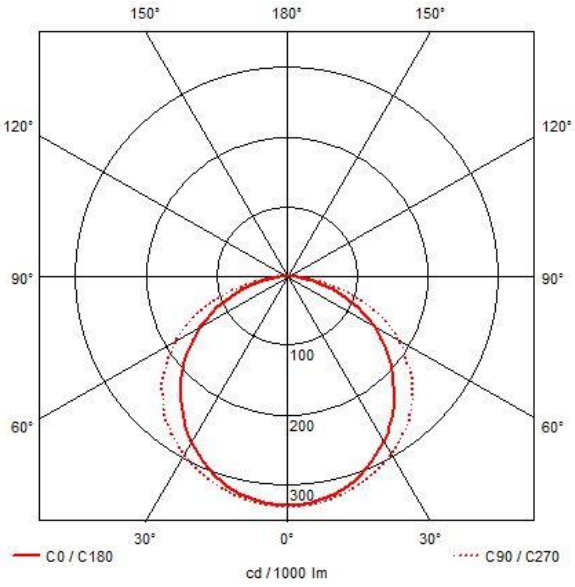
Electrical Characteristics

Parameter	Symbol	Value	Unit
Operating Voltage (50 Hz)	Vopr	220	V
LED Operating Current	Iopr	100	mA
Power Factor	Pf	0.6	-

Product Certification

Internal Testing	SABS Test	Driver Certification
available	pending	available

Photometrics



	C0	C90	C180
0°	327	330	327
5°	326	328	326
10°	321	325	321
15°	314	320	314
20°	302	312	302
25°	288	303	288
30°	273	293	273
35°	255	281	255
40°	234	268	234
45°	212	250	212
50°	191	231	191
55°	165	205	165
60°	142	183	142
65°	114	155	114
70°	86	123	86
75°	61	87	61
80°	37	54	37
85°	16	24	16
90°	3	3	3
	cd / 1000 lm		