

Challenger Circular



PRODUCT DESCRIPTION

The CHALLENGER CIRCULAR is designed to offer maximum efficiency using the latest Samsung LED chip technology with an impressive output of up to 142 LI/cW and 3000 delivered lumens overall. Sealed to IP65 and constructed from a die cast base and injection moulded polycarbonate diffuser, the CHALLENGER is a compact, robust general purpose amenity luminaire.

The translucent diffuser maximises light transmission while eliminating harsh contrast and providing soft, low glare optimised illuminance.

White as standard, a black body is also available as an option.

Available options include: DALI control gear, corridor function and a range of integral microwave sensors. The CHALLENGER is ideal for stairwells, storage & amenity areas, small plant rooms and general internal and external multi-purpose areas.

FEATURES

- Ingress Protection
- Colour Temperature
- Impact Protection
- Black

DIMENSIONS



	mm
H	92
L	330
W	330
KG	2
KG (Em)	3

PRODUCT DATA

CHALLENGER CIRCULAR					
Product code	Curcuit Watts (w)	Delivered Lumens	Colour Temp	Efficacy LI/cW	Em Lumens
431.1500.840	12	1500	4000	125	380
431.2000.840	14	2000	4000	142	380
431.2600.840	19	2600	4000	136	380
431.3000.840	22	3000	4000	136	380

PRODUCT OPTIONS

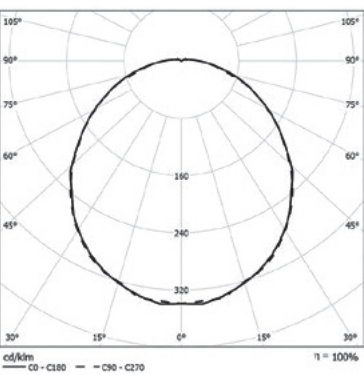
- Correlated colour temp suffix .830
- Correlated colour temp suffix .857
- Correlated colour temp suffix .TW
- 3hr Emergency suffix .EM3
- Dali suffix .D1
- Emergency Dali suffix .EMD3
- Emergency Self Test suffix .EMST3
- Microwave Occupancy Detection suffix .S3
- Microwave Occupancy Detection with corridor function Suffix .S4
- Building Information modelling (Please Download from our website)
- White Finish Available Suffix .W

LED PERFORMANCE

25° Ambient Temperature	L70/B50	L80/B50
CHALLENGER CIRCULAR	50,000	50,000

'L' Value = % of Initial Lumens maintained after specified time
'B' Value = % of fittings failing to meet operational expectations after specified time

PHOTOMETRIC PERFORMANCE



- CHALLENGER CIRCULAR
- Output - 2700
- 20W
- LOR - 100%
- SHR MAX = 1.5:1 (ceiling mounted)