

Challenger Square



PRODUCT DESCRIPTION

The CHALLENGER SQUARE is designed to offer maximum efficiency using the latest Samsung LED chip technology with an impressive output of up to 135 Lf/cW and 2800 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 multipurpose areas.

FEATURES

- Ingress Protection
- Colour Temperature
- Impact Protection
- Black

DIMENSIONS



	mm
H	97
L	276
W	276
KG	2
KG (Em)	3

PRODUCT DATA

CHALLENGER SQUARE					
Product code	Curcuit Watts (w)	Delivered Lumens	Colour Temp	Efficacy Lf/cW	Em Lumens
441.1500.840	12	1500	4000	125	380
441.1900.840	14	1900	4000	135	380
441.2400.840	19	2400	4000	126	380
441.2800.840	22	2800	4000	127	380

PRODUCT OPTIONS

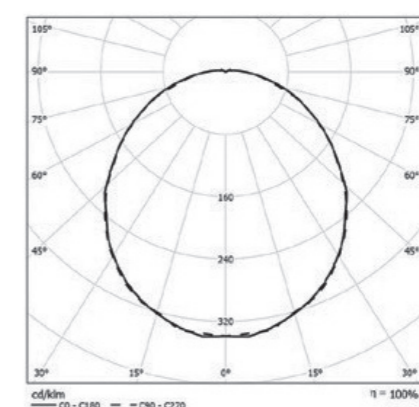
- Correlated colour temp suffix .830
- 3hr Emergency suffix .EM3
- Microwave Occupancy Detection suffix .S3
- White Finish Available Suffix .W
- Correlated colour temp suffix .857
- Dali suffix .D1
- Microwave Occupancy Detection with corridor function Suffix .S4
- Building Information modelling (Please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

LED PERFORMANCE

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

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

PHOTOMETRIC PERFORMANCE



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