

## DATASHEET

### CORNELL

Cornell 50W LED Opal Diffuser 1540mm DALI Dim 830/840

IP44 Rated Linear Surface Mount Luminaire  
 Robust Steel Body With Strong PC Opal Diffuser  
 5-pole Terminal Block & DALI Dimmable Driver



GENERAL INFORMATION	
Product Code	NCR50/O/DA/830-840
Product Range	Surface Mount
Product Category	Surface Mount
IP Rating	44
IK Rating	IK08
Warranty	5 Years Unlimited
DIMENSION/WEIGHT	
Dimensions Circular (DIA x H) (mm)	DIA=N/A, H=N/A
Dimensions Square/Rectangular (L x W x H) (mm)	L=1540, W=144, H=52
Cut-out Size (mm)	N/A
Product Weight (Kg)	3.9
CONSTRUCTION	
Body Material	Steel
Body Colour	White RAL9016
Optical Material	N/A
Optical Finish	N/A
Termination	5x2x2.5mm sq. Push In Terminal
Driver - Intergal or Remote	Integral
PACKAGING	
Carton Dimensions (mm)	1555x135x65
Quantity per Outer Carton	N/A
Total Weight incl. Carton (Kg)	4.1

LUMINAIRE PERFORMANCE	
Energy Rating	N/A
Luminaire Lumens (lm)	6350
Power Consumption (W)	50
Efficacy	127
Operating Temp. (Min/Max)	-20°C to 25°C
LIGHT SOURCE	
Type	LED
Correlated Colour Temp.	3000 / 4000
Correlated Rendering Index (CRI)	>80
Lumen Depreciation	L90 100000
SDCM	<3
ELECTRICAL INPUT	
VOLTAGE (V)	220-240V AC
Operating Frequency	50
In Rush	16A @ 100us
Drivers per MCB*	B10=17 B16=28 C10=29 C16=48
Class	Class 1
Power Factor	>0.95
Cable Entry	Ends / Rear
ELECTRICAL OUTPUT	
Forward Current (mA)	-
Forward Voltage (Vf)	N/A
EMERGENCY DATA	
Mode of Operation	N/A
Battery Duration	N/A
Battery Type	N/A
Battery Specification	N/A
Ballast Lumen Factor (BLF)	N/A
DIMMING	
DALI	Yes
OTHER	N/A
Switch Dim	Yes
Corridor Function	Yes
SENSORS	
Microwave	N/A
PIR	N/A
STANDARDS/APPROVALS	
CE Marked	Yes
Certificate of Conformity	Yes
Accreditations	N/A
BARCODE	
EAN NUMBER	5055943083615
E NUMBER	7216003
S NUMBER	4344038

\* GUIDE ONLY

