

## DATASHEET

### YALE PRO

Yale Pro 27-44W LED 5Ft Surface Mount 840

IP40 Surface Or Suspended LED Fitting  
 Steel And Polycarbonate Construction  
 For Schools, Colleges & Public Sector Buildings



GENERAL INFORMATION	
Product Code	NYA/5/27-44/840
Product Range	Surface Mount
Product Category	Surface Mount
IP Rating	40
IK Rating	IK10
Warranty	7 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=1535, W=201, H=91
Cut-out Size (mm)	N/A
Product Weight (Kg)	N/A
CONSTRUCTION	
Body Material	PC/Steel
Body Colour	White
Optical Material	Polycarbonate
Optical Finish	N/A
Termination	3x2x2.5mm sq. Push In Terminal
Driver - Integal or Remote	Integral
PACKAGING	
Carton Dimensions (mm)	N/A
Quantity per Outer Carton	N/A
Total Weight incl. Carton (Kg)	N/A

LUMINAIRE PERFORMANCE	
Energy Rating	D
Luminaire Lumens (lm)	3675 / 4401 / 5134 / 5710
Power Consumption (W)	27.2 / 33.1 / 37.6 / 43.1
LED Lumens (lm/W)	170 / 170 / 171 / 169
Efficacy (l.lm/c.W)	135 / 133 / 137 / 134
Operating Temp. (Min/Max)	-20°C 25°C
LIGHT SOURCE	
Type	LED
Correlated Colour Temp.	4000
Colour Rendering Index (CRI)	>80
Lumen Depreciation	L80 100000
SDCM	<3
ELECTRICAL INPUT	
VOLTAGE (V)	220-240V AC
Operating Frequency	50
In Rush	<25A
Drivers per MCB*	B10=16 B16=28
Class	Class 1
Power Factor	>0.95
Cable Entry	N/A
ELECTRICAL OUTPUT	
Forward Current (mA)	500mA / 600mA / 690mA / 800mA
Forward Voltage (Vf)	46.8 / 47.3 / 47.7 / 48.2
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	N/A
OTHER	N/A
Switch Dim	N/A
Corridor Function	N/A
SENSORS	
Microwave	N/A
PIR	N/A
STANDARDS/APPROVALS	
CE Marked	Yes
Certificate of Conformity	Yes
Accreditations	N/A
BARCODE	
EAN NUMBER	5056673204004

\* GUIDE ONLY

