



The popular and well proven Varsity range offers performance and choice. T5 single lamp options, allied with the integral emergency, self-test systems and energy efficient control gear options define the versatility of the range. In line with the lighting guides, the high performance controllers with translucent ends allow additional light out onto the mounting surface. The polycarbonate controller option ensures Varsity can be specified with confidence on emergency escape routes. The attractive, contemporary styling and clean lines virtually eliminate dust traps, Varsity is IP40 rated when surface mounted. Varsity offers an excellent lighting solution for a multitude of applications.



Varsity School retains all the technical and aesthetic features of the standard product with the added benefit of the secure tamper resistant end caps and controller to help prevent unauthorised removal of the attachment.

- Sleek profile for easy cleaning
- Energy efficient T5 HE and HO, as well as T8, fluorescent lamp options
- IP40 rated when surface mounted
- Internal gear cover as standard, increasing output and improving the appearance
- Energy efficient high frequency fused circuits as standard
- Polycarbonate controller as standard for use on defined escape routes
- Secure, tamper resistant end caps and robust controller on Varsity School
- Available with lighting control and energy management options to maximise energy efficiency

# Surface and Suspended

Varsity and Varsity School

## Lamp and Control Gear Options

- 28W and 35W (HE), 49W (HO) T5 fluorescent - 4000K G5 cap 
- 36W, 58W, 70W T8 fluorescent - 4000K G13 cap 
- High frequency control gear as standard
- Dimming options including DSI and DALI

## Materials

- Body and gear cover - sheet steel, powder coated in RAL9016 white finish
- End cap - Injection moulded ABS, colour matched finish
- Attachment - TPa rated flame retardant UV stabilised polycarbonate

## Installation Notes

- Suitable for direct fix or conduit mounting
- Central BESA cable entry position on rear
- Additional fixing brackets available separately to provide 600mm BESA fixing centres
- Terminal block with 2 x 2.5mm<sup>2</sup> cable capacity per termination
- Fused as standard
- Snap fix positive location of the controller allows quick attachment installation/removal
- Controllers are retained by screws for tamper resistance on Varsity School
- Supplied c/w lamps

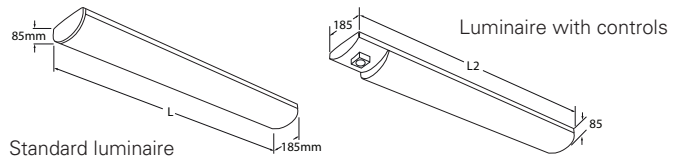
## Options

- Lighting control and energy management options (refer to Controls Guide on page 457)
- Fully integral emergency conversion, 3 hour duration
- Emergency versions available with automatic test functionality
- Suitable for use on defined escape routes
- Internal gear cover supplied as standard
- Opal diffusers available to special order (subject to minimum quantity)

## Specification

To specify state: IP40 surface luminaire, with flush attachment, retained by screws for tamper resistance on Varsity School, injection moulded end caps and high quality, durable post coat powder paint finish, as Eaton's Varsity/Varsity School range, part no. \_\_\_\_\_

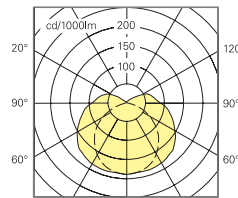
## Dimensions



Lamp Rating	L (mm)	L2 (mm)
T5 lamps	T8 lamps	
1/2 x 28W	1/2 x 36W	1245
1/2 x 35/49W	1/2 x 58W	1545
-	1/2 x 70W	1809

## Photometric Data

Cat. No. VYSP249Z



LOR: 0.84  
ULOR: 0.13  
DLOR: 0.71

SHR nom: 1.75  
SHR max: 1.794

Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	-	50	56	60	66	70	73	77	80
30			-	44	49	54	60	65	68	73	76
10			-	39	44	49	55	60	64	69	73
50	50	20	-	47	52	56	61	65	68	71	74
30			-	41	47	51	57	61	64	68	71
10			-	37	42	46	52	57	60	65	68
30	50	20	-	44	49	52	57	60	63	66	68
30			-	39	44	48	53	57	59	63	66
10			-	35	40	44	50	54	57	61	64
0	0	0	-	32	36	40	45	48	51	54	57
BZ-class			-	5	5	5	6	6	6	6	6

See page 514 for Design Guide



Controller and end plate location detail

## Catalogue Numbers

Lamp Rating	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
<b>Varsity</b>				
<b>For T5 lamps - supplied with prismatic polycarbonate controller and lamps</b>				
1 x 28W (HE)	VYP128Z	2.99	EBVYP128Z	5.41
2 x 28W (HE)	VYP228Z	3.55	EBVYP228Z	5.97
1 x 35W (HE)	VYP135Z	3.34	EBVYP135Z	5.89
2 x 35W (HE)	VYP235Z	3.91	EBVYP235Z	6.46
1 x 49W (HO)	VYP149Z	3.34	EBVYP149Z	6.02
2 x 49W (HO)	VYP249Z	3.91	EBVYP249Z	6.59

<b>For T8 lamps - supplied with prismatic polycarbonate controller and lamps</b>				
1 x 36W	VYP136Z	2.29	EBVYP136Z	4.45
2 x 36W	VYP236Z	3.22	EBVYP236Z	5.38
1 x 58W	VYP158Z	2.66	EBVYP158Z	5.08
2 x 58W	VYP258Z	3.42	EBVYP258Z	5.84
1 x 70W	VYP170Z	4.46	EBVYP170Z	7.24
2 x 70W	VYP270Z	4.66	EBVYP270Z	7.44

Available excluding lamps if required, simply add the **X** suffix to the end of the catalogue number (eg VYP235ZX)  
 For DSI dimming option, replace part number character **Z** with **RD**, eg VYP235Z becomes VYP235RD  
 For DALI dimming option, replace part number character **Z** with **DD**, eg VYP235Z becomes VYP235DD  
 Emergency versions available with automatic test functionality - see page 235 for system features

Lamp Rating	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
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2 x 35W (HE)	VYSP235Z	3.91	EBVYSP235Z	6.46
1 x 49W (HO)	VYSP149Z	3.34	EBVYSP149Z	6.02
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1 x 58W	VYSP158Z	2.66	EBVYSP158Z	5.08
2 x 58W	VYSP258Z	3.42	EBVYSP258Z	5.84
1 x 70W	VYSP170Z	4.46	EBVYSP170Z	7.24
2 x 70W	VYSP270Z	4.66	EBVYSP270Z	7.44

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 Emergency versions available with automatic test functionality - see page 235 for system features

### Accessories:

Description	Cat No	Weight (kg)
Additional BESA mounting kit	VYBMK	0.25