

# WEATHERPROOF & ADVERSE Vandalux™ IP66



*The ultimate range of robust, adverse and weatherproof luminaires for hostile, industrial and vandal-prone environments*

## Features

- Corrosion resistance, dustproof, rustproof, weatherproof and vandal-resistant
- Approval of suitability for use in chemical-prone or corrosive type environments required in writing by Pierlite
- Pressure die-cast marine grade LM6 aluminium body separate battery compartment for emergency models
- Single and twin versions have the same body width
- Body available in a range of optional powder coat paint finishes to special order
- White powder coated gear tray optimises luminaire efficiency
- Gear tray has screw locators and lanyards to provide ease of maintenance
- Replaceable single piece EPDM gasket ensures the high IP66 rating
- Cable entry via 20mm threaded plugged conduit entries at both ends and provision via centre back of body
- Moulded bosses on the base of fixture allow bracket mounting without drilling through the body
- V90HT internal wiring at 6mm<sup>2</sup> 3-way terminal block

## Optics

- Heavy-duty linear prismatic, clear or opal polycarbonate diffusers securely fixed to body by stainless steel socket head cap screws recessed into diffuser moulding

## Mounting

- Mounting provided through back of body or by a range of accessory mounting brackets

## Options

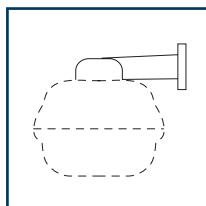
- High impact acrylic diffusers available to special order
- Optional T5 and TC-L lamp versions available on request
- Torx screw option available to order
- Emergency models with separate battery compartment. Length (L-EM) as follows:  
18W = 800mm 36W = 1400mm

## Applications

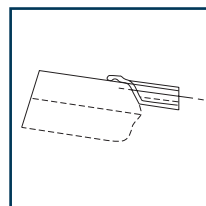
- Public and heavy industrial areas, schools, railway stations, wharves, sports grounds, car parks, construction sites, specialist marine/maritime areas, factories, mine sites, where security lighting is needed

## Accessory Mounting Brackets

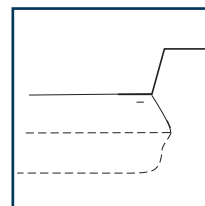
**C28/29VAN . . .**  
Horizontal wall mounting bracket/s



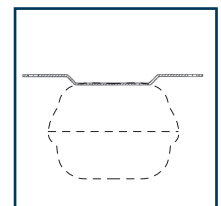
**C32VAN . . .**  
Spigot attachment



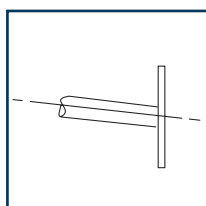
**C35VAN . . .**  
Universal bracket



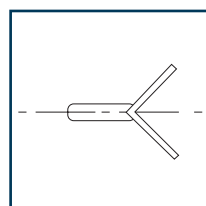
**C36VAN . . .**  
Ceiling mount bracket



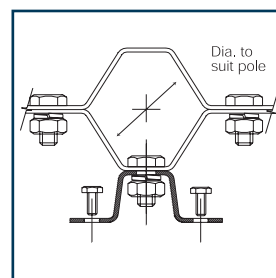
**C33VAN . . .**  
Extension mounting bracket 5° elevation



**C34VAN . . .**  
Extension corner mounting bracket 5° elevation



**PMB32/40VAN . . .**  
Pipe clamp bracket



## Product Codes

Code	Version	Dimensions (LxWxH)	Weight
VP118H	1 x 18W T8	700 x 140 x 120	3.4
VP218H	2 x 18W T8	700 x 140 x 120	3.4
VP136H	1 x 36W T8	1310 x 140 x 120	5.7
VP236H	2 x 36W T8	1310 x 140 x 120	6.3

### Accessories

C28VANDALUX	Wall bracket for horizontal mounting - 18W
C29VANDALUX	Wall bracket for horizontal mounting - 36W
C32VANDALUX	Pipe mount spigot kit with cable gland suits 25mm, NB galvanised waterpipe or 34mm OD pole. For 18W Version only.
C33VANDALUX	Flat wall bracket, 5° upward tilt, suits C32 spigot
C34VANDALUX	Corner wall brkt, 5° upward tilt, suits C32 spigot
C35VANDALUX	Universal bracket
C36VANDALUX	Ceiling mount bracket
PMB32/VAN	Pipe mount bracket 32mm NB (OD 42-46mm)
PMB40/VAN	Pipe mount bracket 40mm NB (OD 48-51mm)

Notes: 'P' in catalogue number denotes Prismatic diffuser.

For Clear diffuser models replace 'P' in catalogue number with 'C'. ie VP136H becomes VC136H

For Opal diffuser models replace 'P' in catalogue number with 'O'. ie VP136H becomes VO136H

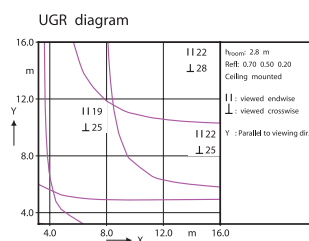
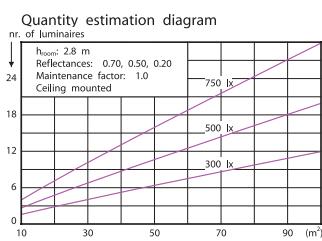
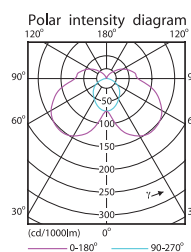
Suffix M or NM for Emergency Mode versions, EL for Electronic Ballast, QS for Quality Spec and KW2 for KW/2 versions. ie VP236M, VP236EL, VP236QS, VP236KW2.

For Anti-vibration versions suffix 'AV'. ie VP236HAV

## Photometrics

VP236 2 x TLD 36W / 840

2 x 3350 lm



Light output ratio 0.66  
Service upward 0.13  
Service downward 0.53  
CIE flux code 30 61 85 81 66  
SHR NOM (square) 1.25  
SHR MAX (square) 1.25  
SHR MAX (continuous) 3.00  
UGRcen (4Hx8H, 0.25H) 25

### Utilisation factor table

C	W	F	Room Index								
			0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	28	34	39	43	48	51	54	58	60
0.70	0.30	0.20	22	29	33	37	43	47	50	54	57
0.70	0.10	0.20	18	24	29	33	38	43	46	51	54
0.50	0.50	0.20	26	32	36	39	44	47	49	53	55
0.50	0.30	0.20	21	27	31	34	39	43	46	50	52
0.50	0.10	0.20	17	23	27	31	36	40	43	47	50
0.30	0.50	0.20	24	29	33	36	40	43	45	48	50
0.30	0.30	0.20	19	25	29	32	36	40	42	46	48
0.30	0.10	0.20	16	21	25	29	33	37	40	43	46
0.00	0.00	0.00	13	18	22	25	29	32	34	38	40

Ceiling mounted

### Luminance Table

Plane Code	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	6170	6008	5775	5440	5095	5027	2303
50.0	6325	6127	5894	5593	4923	2890	2261
55.0	6460	6232	5983	5668	4923	2842	2218
60.0	6546	6294	6023	5689	4920	2775	2110
65.0	6599	6301	6028	5641	4950	2707	1999
70.0	6586	6251	5933	5509	3893	2619	1763
75.0	6637	6258	5847	5319	3800	2538	1541
80.0	6463	6103	5689	5114	3711	2461	1321
85.0	6217	5863	5484	4968	3696	2522	1173
90.0	6382	6007	5662	5229	4998	3147	2116

(cd/m<sup>2</sup>)