

Zayed National Museum

Architect - Foster + Partners



DAL LONDON STUDIO

UNDERWOOD WORKS, 6-14 UNDERWOOD STREET, LONDON, N1 7JQ

+44 (0)207 4903998

SALES@DAL-UK.COM

WWW.DAL-UK.COM



© 2026 Designed Architectural Lighting.

All rights reserved, all designs and photos are protected by copyright.

VP Series

Premium Architectural Downlighter with
Multi-Type Ceiling Fit Design

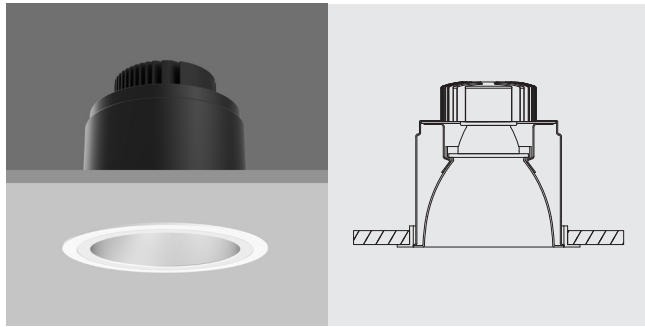


DESIGNED ARCHITECTURAL LIGHTING

Various Ceiling Types & Beam Distributions

Compatible Architectural Downlighter

VP (Visual Performance) series downlighters are key to the design of DAL deep cone downlighters. Designed for optimum glare control, VP luminaires ensure visual comfort together with high efficiency. The precision-tooled reflectors use low brightness, highly reflective material, maximizing LED performance. VP series incorporate with multi-type ceiling fit design, with a choice of light distributions and available in five aperture diameters. The VP series offers ideal solutions to many architectural and interior design projects.



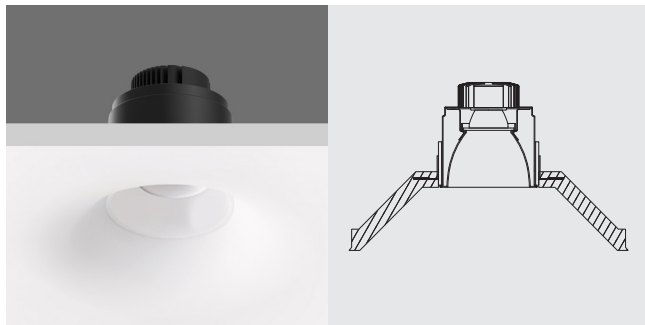
Flanged

Trim style design fits most of the conventional ceiling systems and provides ideal lighting performance.



Acoustic Plaster

Trimless style fitting design helps interior designers match their plaster ceiling design details.

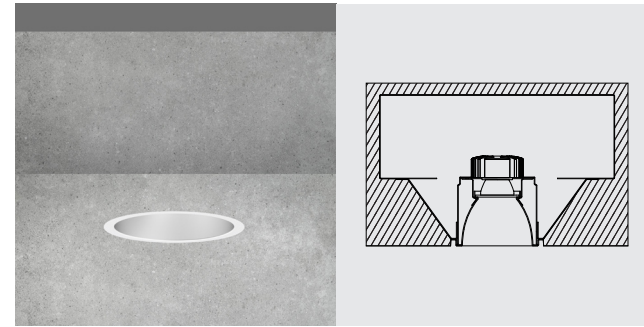


Gypsum

Seamlessly integrating with ceiling, gypsum fitting helps designers to create smooth and unique ceiling designs without compromise.

General Specification

- Fixed, Directional & Wallwasher fixture
- 36 / 48 / 70 / 104 / 120 mm aperture diameter
- High cut off angle
- Complete Ingress Protection range
- Built to compliance UKCA
- Class III construction, low voltage
- Cree Lighting Engine
- Ra>90, 2 Step MacAdam
- 2700K, 3000K, 4000K CCT options
- Future proofed Zhaga compatible design
- DALI, 1-10V, Dim to Warm, Casambi control
- Emergency pack and conversion available



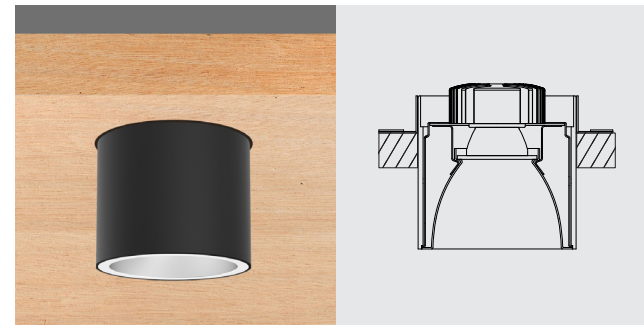
Concrete Box

Module housing design helps luminaires performs steadily, and allows easy access from below to do maintenance or inspection.



Metal

Ideal for integrating with metal ceiling tiles. Keeping metal ceiling's natural looks without distractions.



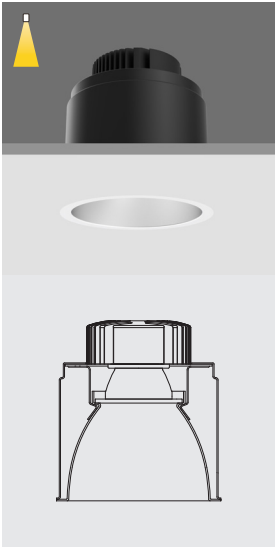
Wood

Housing length micro adjustment mechanism helps overall ceiling looks comfortable and unified.

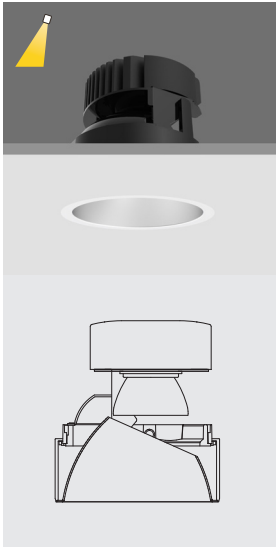


Zayed National Museum
Architect - Foster + Partners

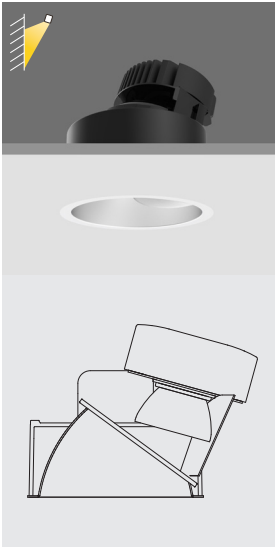
Available in Six Beam Distributions



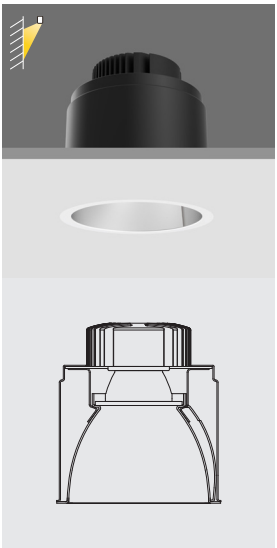
Fixed



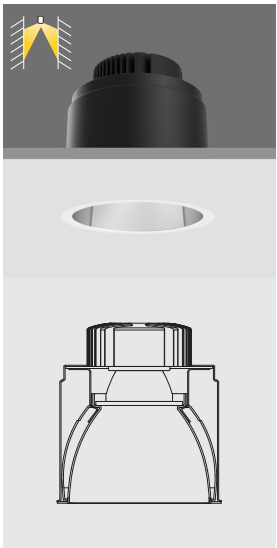
Directional



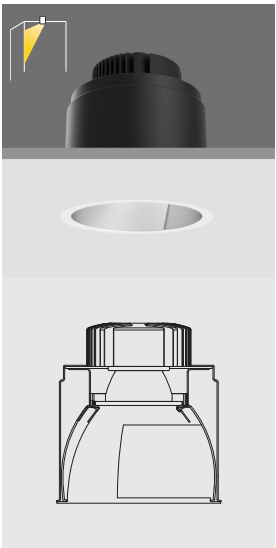
Dir. Lens Wallwasher



Single
Kick Wallwasher



Double
Kick Wallwasher

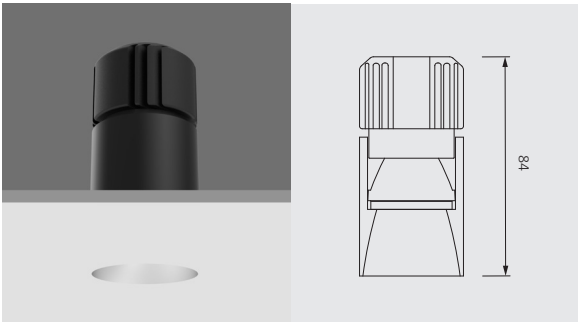


Corner
Kick Wallwasher

VP1

Ø36 mm Aperture

Beam Distributions
18° / 23° / 34° / 54°

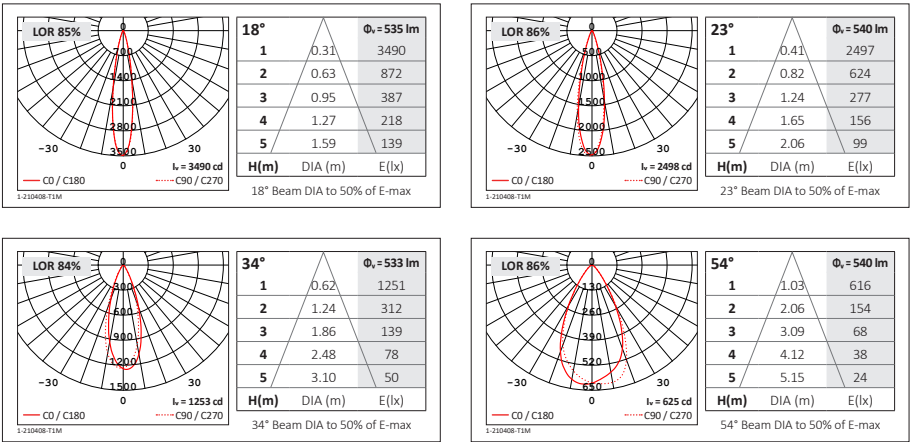


VP1 - 18° / 23° / 34° / 54° Beam
CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Power	Delivered Lumens	Efficacy (LOR 85%)	Delivered Lumens	Efficacy (LOR 86%)	Delivered Lumens	Efficacy (LOR 84%)	Delivered Lumens	Efficacy (LOR 86%)
		18°		23°		34°		54°	
570 lm	5.5 W	484 lm	88 lm/W	490 lm	89 lm/W	478 lm	87 lm/W	490 lm	89 lm/W
710 lm	7.5 W	603 lm	80 lm/W	610 lm	81 lm/W	596 lm	79 lm/W	610 lm	81 lm/W
840 lm	8.0 W	714 lm	89 lm/W	722 lm	90 lm/W	705 lm	88 lm/W	722 lm	90 lm/W

* Nominal delivered lumens

VP1 Photometry (Fixed / 3000K / 7.0 System W / 400 mA)



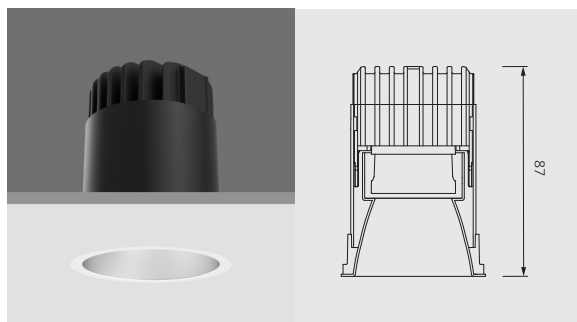
VP1 only available in fixed, VP2 only available as a kick wallwasher.
All renderings and drawings are shown with VP4 designs.

VP2

Ø48 mm Aperture

Beam Distributions

18° / 25° / 38° / 51° &
Kick Wallwasher



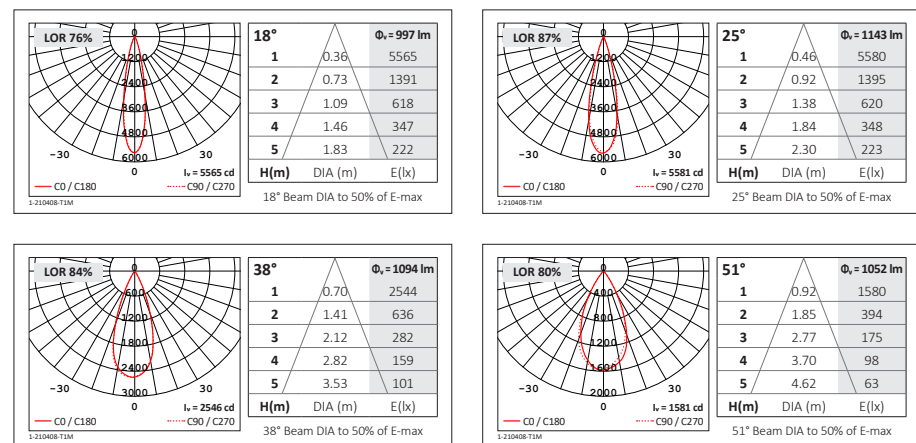
VP2 - 18° / 25° / 38° / 51° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Power	Delivered Lumens	Efficacy (LOR 76%)	Delivered Lumens	Efficacy (LOR 87%)	Delivered Lumens	Efficacy (LOR 84%)	Delivered Lumens	Efficacy (LOR 80%)
		18°		25°		38°		51°	
930 lm	8.0 W	706 lm	88 lm/W	809 lm	101 lm/W	781 lm	97 lm/W	744 lm	93 lm/W
1100 lm	10.0 W	836 lm	83 lm/W	957 lm	95 lm/W	924 lm	92 lm/W	880 lm	88 lm/W
1250 lm	12.0 W	950 lm	79 lm/W	1087 lm	90 lm/W	1050 lm	87 lm/W	1000 lm	83 lm/W

* Nominal delivered lumens

VP2 Photometry (Fixed / 3000K / 14.8 System W / 400 mA)

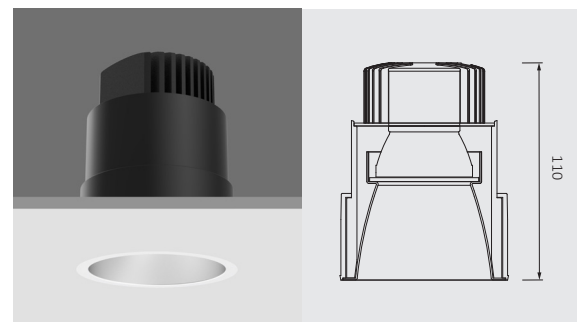


VP3

Ø70 mm Aperture

Beam Distributions

18° / 24° / 37° / 50° &
Kick / Dir. Lens Wallwasher



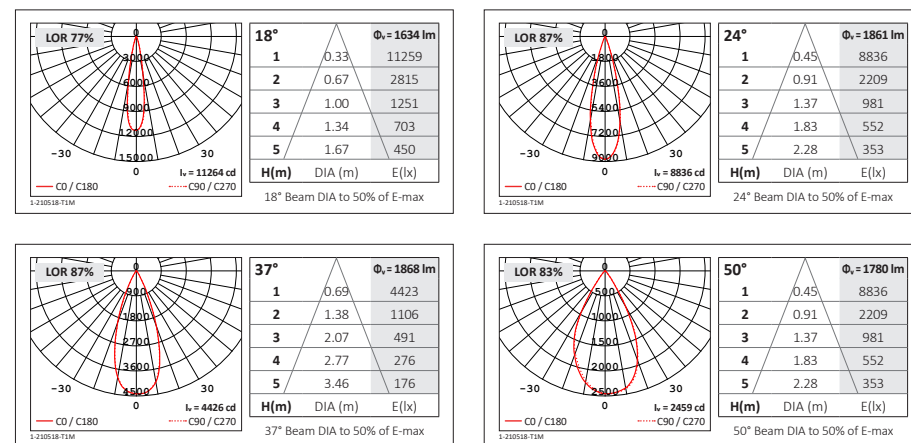
VP3 - 18° / 24° / 37° / 50° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Power	Delivered Lumens	Efficacy (LOR 77%)	Delivered Lumens	Efficacy (LOR 88%)	Delivered Lumens	Efficacy (LOR 87%)	Delivered Lumens	Efficacy (LOR 83%)
		18°		24°		37°		50°	
1730 lm	12.0 W	1332 lm	111 lm/W	1522 lm	126 lm/W	1505 lm	125 lm/W	1435 lm	119 lm/W
1950 lm	14.0 W	1501 lm	107 lm/W	1716 lm	122 lm/W	1696 lm	121 lm/W	1618 lm	115 lm/W
2170 lm	15.0 W	1670 lm	111 lm/W	1909 lm	127 lm/W	1887 lm	125 lm/W	1801 lm	120 lm/W

* Nominal delivered lumens

VP3 Photometry (Fixed / 3000K / 14.8 System W / 400 mA)

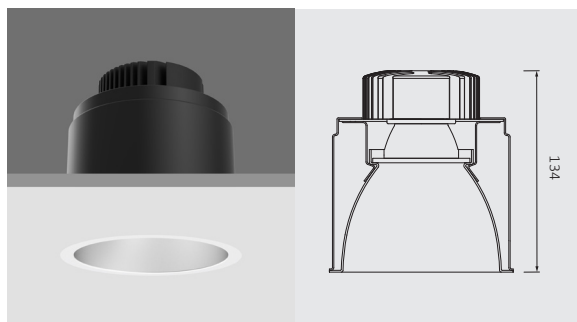


VP4

Ø104 mm Aperture

Beam Distributions

22° / 32° / 42° / 54° &
Kick / Dir. Lens Wallwasher



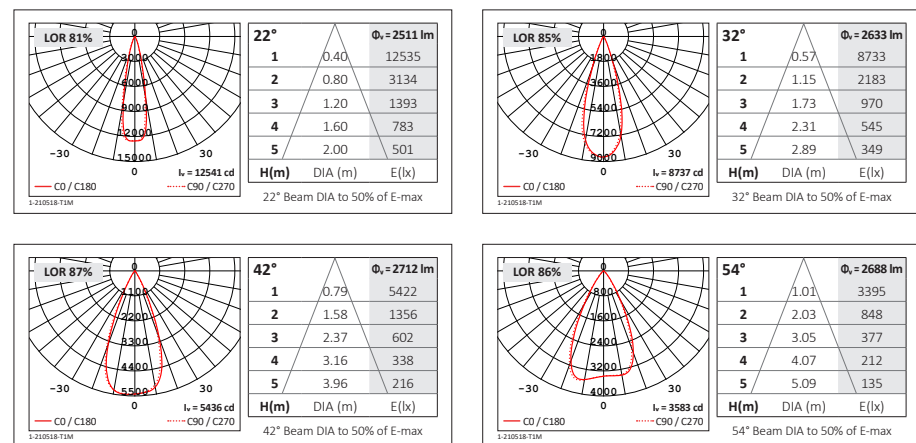
VP4 - 22° / 32° / 42° / 54° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Power	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 85%)	Delivered Lumens	Efficacy (LOR 87%)	Delivered Lumens	Efficacy (LOR 86%)
		22°		32°		42°		54°	
2630 lm	17.0 W	2130 lm	125 lm/W	2235 lm	131 lm/W	2288 lm	134 lm/W	2261 lm	133 lm/W
2870 lm	19.0 W	2324 lm	122 lm/W	2439 lm	128 lm/W	2496 lm	131 lm/W	2468 lm	129 lm/W
3110 lm	21.0 W	2519 lm	119 lm/W	2643 lm	125 lm/W	2705 lm	128 lm/W	2674 lm	127 lm/W

* Nominal delivered lumens

VP4 Photometry (Fixed / 3000K / 14.8 System W / 400 mA)

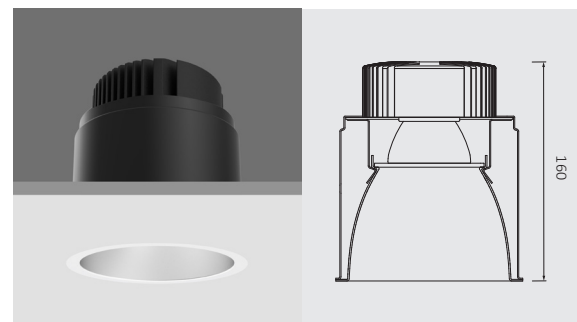


VP5

Ø120 mm Aperture

Beam Distributions

22° / 32° / 42° / 54° &
Kick / Dir. Lens Wallwasher



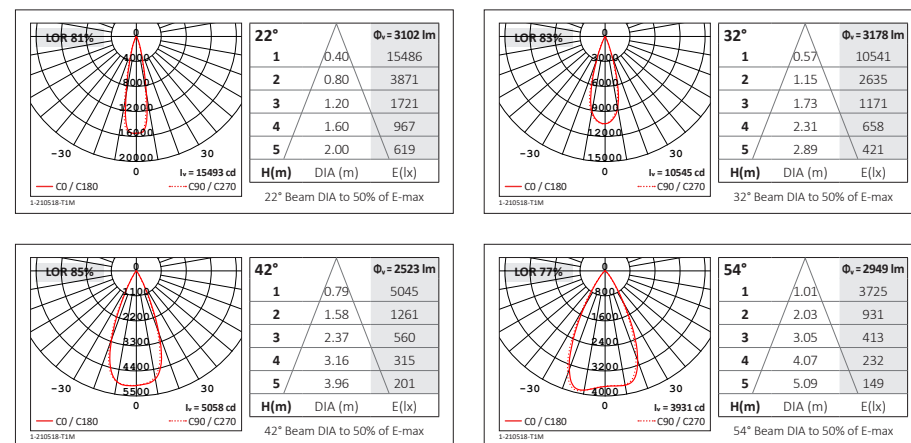
VP5 - 22° / 32° / 42° / 54° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Power	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 83%)	Delivered Lumens	Efficacy (LOR 85%)	Delivered Lumens	Efficacy (LOR 77%)
		22°		32°		42°		54°	
3350 lm	23.0 W	2713 lm	117 lm/W	2780 lm	120 lm/W	2847 lm	123 lm/W	2579 lm	112 lm/W
3590 lm	25.0 W	2907 lm	116 lm/W	2979 lm	119 lm/W	3051 lm	122 lm/W	2764 lm	110 lm/W
3830 lm	27.0 W	3102 lm	114 lm/W	3178 lm	117 lm/W	3255 lm	120 lm/W	2949 lm	109 lm/W

* Nominal delivered lumens

VP5 Photometry (Fixed / 3000K / 14.8 System W / 400 mA)





Amazon 60 London, Holborn Viaduct

Electrical Consultant - SWECO

Architect - KPF

Photographer - Edmund Sumner/VIEW



PRODUCT CODING EXAMPLE: V4F3126J350RL20												
Series Aperture	Fixture Type	Beam Dist.	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol	Shape	Ceiling Type	IP	Accs.
V1	F	0	1	26	J	2	0	0	R	<i>Std. Trim</i>	2	0
VP1	Fixed	No Opt.	Specular	2680 lm	CREE	2700K	Non-Dim	None	Round	Colour	IP20	None
36mm	A	1	Silver	28	Ra90	3	1	E		3	4	1
V2	Directional	1°-10°	2	2870 lm		3000K	1-10V	Emergency		Black	IP44	Honeycomb
VP2	S	2	Satin	31		5	5			4	5	2
48mm	Single	11°-20°	Silver	3110 lm		4000K	DALI			White	IP54	Louvre
V3	Kick	3	3	etc.			7			<i>Trimless</i>	6	3
VP3	Wallwash	21°-30°	Black				Lead / Trail			<i>Ceiling</i>	IP65	Elliptical
70mm	D	4	4				8			<i>Mount</i>		Film
V4	Double	31°-40°	White				Casambi			L		Frosted
VP4	Kick	5	5				9			Acoustic		Lens
104mm	Wallwash	41°-50°	Gold				Addressable (Emergency)			Plaster		
V5	C	6	6							G		
VP5	Corner	51°-60°	Bronze							Gypsum		
120mm	Kick									P		
	Wallwash		8							Concrete		
	L		Soft							M		
	Dir. Lens		Sheen							Metal		
	Wallwash		Silver							W		
										Wood		
V4	F	3	1	26	J	3	5	0	R	L	2	0

VP1 only available in fixed, VP2 only available as a kick wallwasher.
For more information on feasible product configurations, please contact us.