



VENUS LED

SL 413 / SL 414 Lowbay Series

Features

Design with shielding angle for better glare control. LED lamps control configuration to match conventional type metal halide fixtures output from 250W-400W. Easy mounting option from direct ceiling, rigid suspension rod or flexible chain mounting.

Applications

Ideal for petrol stations, bus stations, train stations, drive-through restaurants, convenience stores, parking garages and industrial lighting applications.

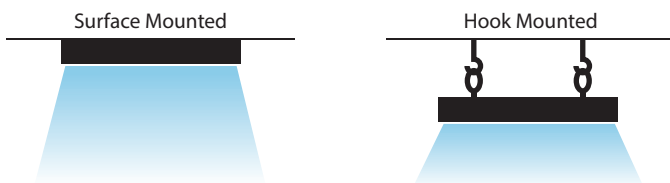
Optics

Optical Lens Beam angle 60°/90°

Optional Features / Accessories

Fixed Output/Dali/1-10V

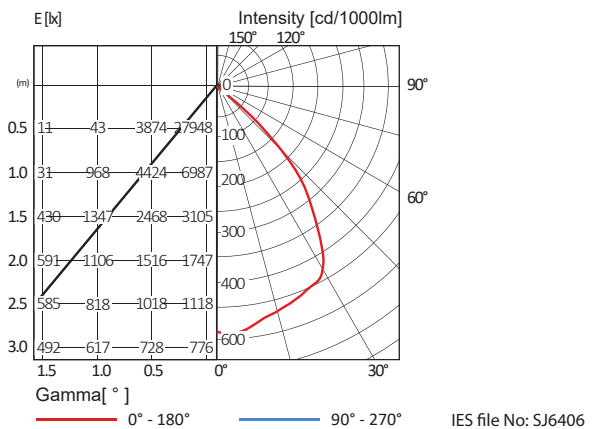
Mounting



TM5 Utilization Factors

Utilization factors			Room index									
Room reflection												
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5	
0.7	0.5	0.2	84	90	94	98	102	104	106	108	110	
	0.3		79	85	90	94	98	101	103	106	108	
0.5	0.1	0.2	76	82	87	91	95	99	101	104	106	
	0.5		82	88	92	95	99	101	103	105	106	
0.3	0.3	0.2	78	84	89	92	96	99	100	103	104	
	0.1		75	81	86	89	94	96	98	101	103	
0.3	0.5	0.2	81	89	90	93	96	98	99	101	102	
	0.3		78	83	87	90	94	96	98	100	101	
0.0	0.1	0.0	75	81	85	88	92	94	96	98	100	
	0.0		73	79	83	85	89	91	92	94	95	
			SHR NOM=1.50			SHR MAX=1.52			SHR MAX			
						TR=1.64						

Lighting Data





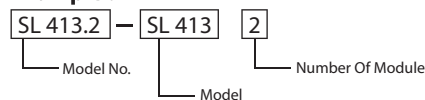
Specifications

Model	SL 413.2	SL 413.3	SL 414.2	SL 414.3
Nominal Power	89W	130W	89W	130W
Nominal System Lumen Output	11840 lm	18000 lm	12132 lm	18500 lm
Nominal System Efficacy	133 lm/W	138 lm/W	136 lm/W	142 lm/W
LED Driver	Philips Xitanium			
Light Source	Philips Fortimo FastFlex			
Colour Temperature (CCT)	3000K/4000K/5700K			
Input Voltage	240V~50Hz			
Colour Rendering Index (CRI)	>80			
Luminaire Rated Life	50,000hrs (L70B50)			
Operating Temperature	-20°C ~ +45°C			
Power Factor	>0.95PF			
Total Harmonic Distortion	≤20%			
Insulation Class	Class I			
Housing Material	Cold Roll Steel			
Ingress Protection	IP65 (Lamp and gear compartment)			

Order Reference

Model	Number Of Module
SL 413	2
SL 414	3

Example :



Order Information

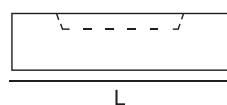
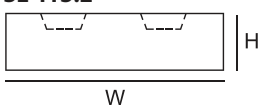
Model No.	L(mm)	W(mm)	H(mm)
SL 413.2	365	365	95
SL 413.3	365	365	148
SL 414.2	365	365	70
SL 414.3	365	365	118

Note : Subject to +/- 1.5mm

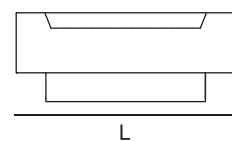
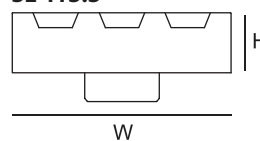
*Other various types are available upon request.

Dimensions

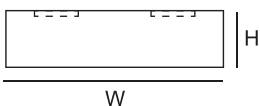
SL 413.2



SL 413.3



SL 414.2



SL 414.3

