

Dimensions

MODEL NO.	H	Ø	MODEL NO.	H	Ø
URANUS 100.12150SON	240	12"(310)			
URANUS 100.15150SON	315	15"(370)			
URANUS 100.16150SON	260	16"(400)			
URANUS 100.15250SON	315	15"(370)			
URANUS 100.16250SON	260	16"(400)			
URANUS 100.18250SON	370	18"(470)			
URANUS 100.16400SON	260	16"(400)			
URANUS 100.18400SON	370	18"(470)			

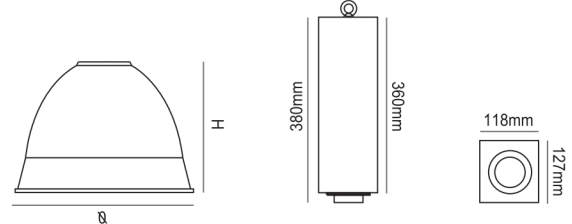
Note : Subject to +/- 1.5mm



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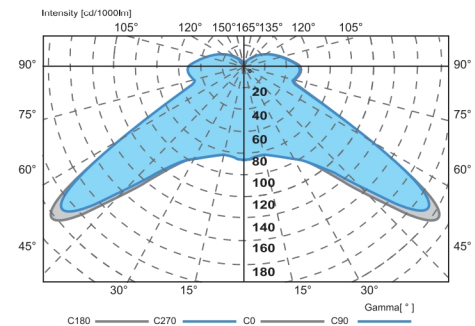


Suspended highbay luminaires for metal halide / mercury and sodium discharge lamps. Parabolic transparent reflector with photometrically effective for well balance ceiling illumination by means of 10% indirect lighting. Threaded mounting hub for easy mounting. Housing is easily accessible for component replacement. Ideal for manufacturing plants, sports halls, industrial areas, warehouses & etc.



TM5 Utilization Factors

Utilization factors			LOR=80.0%			DLOR=63.2%			ULOR=16.8%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	N.A.	52	56	62	66	68	72	75
	0.3		N.A.	N.A.	45	50	56	61	64	68	71
	0.1		N.A.	N.A.	41	45	52	57	60	65	68
0.5	0.5	0.2	N.A.	N.A.	47	51	57	60	63	66	68
	0.3		N.A.	N.A.	42	46	52	56	59	63	64
	0.1		N.A.	N.A.	38	42	48	53	56	60	63
0.3	0.5	0.2	N.A.	N.A.	44	47	52	55	57	60	62
	0.3		N.A.	N.A.	39	43	48	52	54	58	60
	0.1		N.A.	N.A.	36	40	45	49	52	55	58
0.0	0.0	0.0	N.A.	N.A.	32	35	40	43	45	48	51
			SHR NOM =2.25			SHR MAX =3.10			SHR MAX TR =3.00		



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Ring	Made of heavy gauge sheet.
Reflector	Polycarbonate/Acrylic diffuser.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Metal Halide/Sodium/Mercury.
Electrical Data	240V, 50Hz
Wattage	70W/80W/125W/150W/250W/400W
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Built-in.

Dimensions

MODEL NO.	H	Ø
URANUS 200.12070MH	240	12"(310)
URANUS 200.16070MH	275	16"(410)
URANUS 200.22070MH	345	22"(565)
URANUS 200.16150MH	275	16"(410)
URANUS 200.22150MH	345	22"(565)
URANUS 200.16250MH	275	16"(410)
URANUS 200.22250MH	345	22"(565)
URANUS 200.16400MH	275	16"(410)
URANUS 200.22400MH	345	22"(565)
URANUS 200.16070MER	275	16"(410)
URANUS 200.22070MER	345	22"(565)
URANUS 200.16150MER	275	16"(410)

MODEL NO.	H	Ø
URANUS 200.22150MER	345	22"(565)
URANUS 200.16250MER	275	16"(410)
URANUS 200.22250MER	345	22"(565)
URANUS 200.16400MER	275	16"(410)
URANUS 200.22400MER	345	22"(565)
URANUS 200.16070SON	275	16"(410)
URANUS 200.22070SON	345	22"(565)
URANUS 200.16150SON	275	16"(410)
URANUS 200.22150SON	345	22"(565)
URANUS 200.16250SON	275	16"(410)
URANUS 200.22250SON	345	22"(565)
URANUS 200.16400SON	275	16"(410)
URANUS 200.22400SON	345	22"(565)

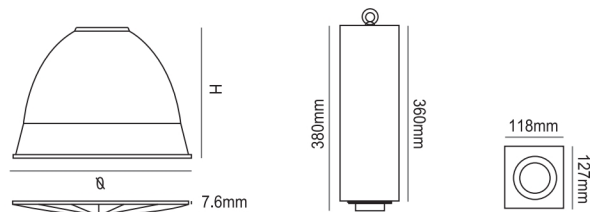


Note : Subject to +/- 1.5mm

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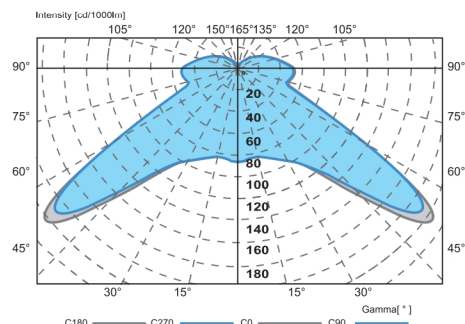


Suspended highbay luminaires for metal halide / mercury and sodium discharge lamps. Parabolic transparent reflector with photometrically effective for well balance ceiling illumination by means of 10% indirect lighting. Threaded mounting hub for easy mounting and with diffuser. Housing is easily accessible for component replacement. Ideal for manufacturing plants, sports halls, industrial areas, warehouses & etc.



TM5 Utilization Factors

Utilization factors			LOR=80.0% DLOR=63.2% ULOR=16.8%									
Room reflection			Room index									
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5	
0.7	0.5	0.2	N.A.	N.A.	52	56	62	66	68	72	75	
	0.3		N.A.	N.A.	45	50	56	61	64	68	71	
	0.1		N.A.	N.A.	41	45	52	57	60	65	68	
0.5	0.5	0.2	N.A.	N.A.	47	51	57	60	63	66	68	
	0.3		N.A.	N.A.	42	46	52	56	59	63	64	
	0.1		N.A.	N.A.	38	42	48	53	56	60	63	
0.3	0.5	0.2	N.A.	N.A.	44	47	52	55	57	60	62	
	0.3		N.A.	N.A.	39	43	48	52	54	58	60	
	0.1		N.A.	N.A.	36	40	45	49	52	55	58	
0.0	0.0	0.0	N.A.	N.A.	32	35	40	43	45	48	51	
			SHR NOM=2.25 SHR MAX=3.10 SHR MAX TR=3.00									



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Ring	Made of heavy gauge sheet gauge.
Reflector	Polycarbonate/Acrylic diffuser.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Metal Halide/H.P. Sodium/Mercury.
Electrical Data	240V, 50Hz
Wattage	70W/80W/125W/150W/250W/400W
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Built-in.

Dimensions

MODEL NO.	H	Ø
URANUS 201.16070MH	275	16"(410)
URANUS 201.22070MH	345	22"(565)
URANUS 201.16150MH	275	16"(410)
URANUS 201.22150MH	345	22"(565)
URANUS 201.16250MH	275	16"(410)
URANUS 201.22250MH	345	22"(565)
URANUS 201.16400MH	275	16"(410)
URANUS 201.22400MH	345	22"(565)
URANUS 201.16070MER	275	16"(410)
URANUS 201.22070MER	345	22"(565)
URANUS 201.16150MER	275	16"(410)
URANUS 201.22150MER	345	22"(565)

MODEL NO.	H	Ø
URANUS 201.16250MER	275	16"(410)
URANUS 201.22250MER	345	22"(565)
URANUS 201.16400MER	275	16"(410)
URANUS 201.22400MER	345	22"(565)
URANUS 201.16070SON	275	16"(410)
URANUS 201.22070SON	345	22"(565)
URANUS 201.16150SON	275	16"(410)
URANUS 201.22150SON	345	22"(565)
URANUS 201.16250SON	275	16"(410)
URANUS 201.22250SON	345	22"(565)
URANUS 201.16400SON	275	16"(410)
URANUS 201.22400SON	345	22"(565)

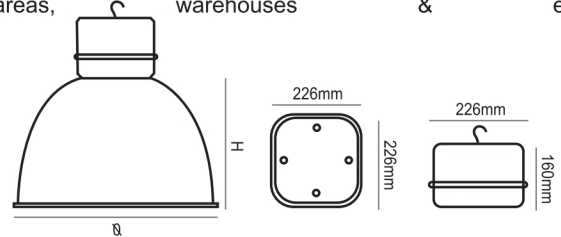


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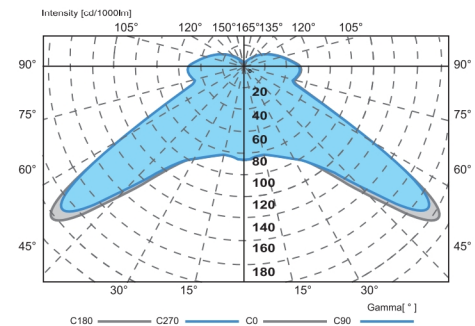


Suspended highbay luminaires for metal halide / mercury and sodium discharge lamps. Parabolic transparent reflector with photometrically effective for well balance ceiling illumination by means of 10% indirect lighting. Threaded mounting hub for easy mounting with die cast control gear box. Housing is easily accessible for component replacement. Ideal for manufacturing plants, sports halls, industrial areas, warehouses & etc.



TM5 Utilization Factors

Utilization factors			LOR=80.0%			DLOR=63.2%			ULOR=16.8%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	N.A.	52	56	62	66	68	72	75
	0.3		N.A.	N.A.	45	50	56	61	64	68	71
	0.1		N.A.	N.A.	41	45	52	57	60	65	68
0.5	0.5	0.2	N.A.	N.A.	47	51	57	60	63	66	68
	0.3		N.A.	N.A.	42	46	52	56	59	63	64
	0.1		N.A.	N.A.	38	42	48	53	56	60	63
0.3	0.5	0.2	N.A.	N.A.	44	47	52	55	57	60	62
	0.3		N.A.	N.A.	39	43	48	52	54	58	60
	0.1		N.A.	N.A.	36	40	45	49	52	55	58
0.0	0.0	0.0	N.A.	N.A.	32	35	40	43	45	48	51
			SHR NOM =2.25			SHR MAX =3.10			SHR MAX		
			TR =3.00								



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Ring	Made from die cast aluminium.
Reflector	Polycarbonate/Acrylic diffuser.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Metal Halide/H.P. Sodium/Mercury.
Electrical Data	240V, 50Hz
Wattage	70W/80W/125W/150W/250W/400W
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Built-in.

Dimensions

MODEL NO.	H	Ø
URANUS 202.16070MH	275	16"(410)
URANUS 202.22070MH	345	22"(565)
URANUS 202.16250MH	275	16"(410)
URANUS 202.22250MH	345	22"(565)
URANUS 202.16400MH	275	16"(410)
URANUS 202.22400MH	345	22"(565)
URANUS 202.16070MER	275	16"(410)
URANUS 202.22070MER	345	22"(565)
URANUS 202.16250MER	275	16"(410)
URANUS 202.22250MER	345	22"(565)
URANUS 202.16400MER	275	16"(410)

MODEL NO.	H	Ø
URANUS 202.22400MER	345	22"(565)
URANUS 202.16070SON	275	16"(410)
URANUS 202.22070SON	345	22"(565)
URANUS 202.16250SON	275	16"(410)
URANUS 202.22250SON	345	22"(565)
URANUS 202.16400SON	275	16"(410)
URANUS 202.22400SON	345	22"(565)



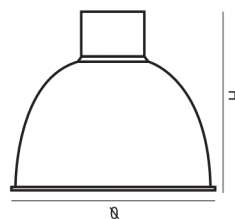
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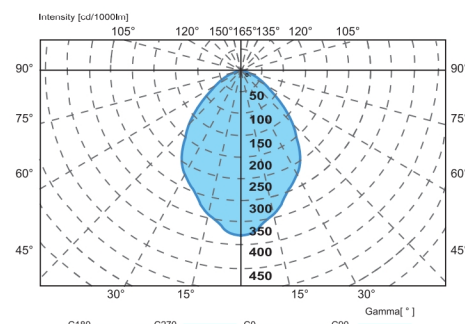
URANUS 300.15150SON

Suspended highbay luminaires for metal halide / mercury and sodium discharge lamps. Parabolic transparent reflector for rotationally symmetrical direct light distribution. Threaded mounting hub for easy mounting. Ideal for manufacturing plants, sports halls, industrial areas, warehouses & etc.



TM5 Utilization Factors

Utilization factors			LOR=69.3%			DLOR=69.3%			ULOR=0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	45	52	56	59	64	67	69	71	73
	0.3		40	47	52	55	60	63	66	69	71
	0.1		37	44	48	52	57	61	63	67	69
0.5	0.5	0.2	44	50	55	58	62	64	66	69	70
	0.3		40	46	51	54	58	61	64	67	68
	0.1		37	43	48	51	56	59	61	65	67
0.3	0.5	0.2	43	49	53	56	60	62	64	66	67
	0.3		39	46	50	53	57	60	62	64	66
	0.1		36	43	47	50	55	58	60	63	65
0.0	0.0	0.0	35	41	45	48	53	55	57	60	62
			SHR NOM =1.25			SHR MAX =1.36			SHR MAX		
			TR =1.48								



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Reflector	White painted anodised aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Metal Halide/H.P. Sodium/Mercury/White Sodium.
Electrical Data	240V, 50Hz
Wattage	70W/80W/125W/150W/250W
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W
Lampholder	E27/E40
Control Gear Box	Separate

Dimensions

MODEL NO.	H	Ø
URANUS 300.12150MH	240	12"(310)
URANUS 300.15150MH	315	15"(370)
URANUS 300.16150MH	260	16"(400)
URANUS 300.18150MH	370	18"(470)
URANUS 300.12150MER	240	12"(310)
URANUS 300.15150MER	315	15"(370)
URANUS 300.16150MER	260	16"(400)
URANUS 300.18150MER	370	18"(470)

MODEL NO.	H	Ø
URANUS 300.12150SON	240	12"(310)
URANUS 300.15150SON	315	15"(370)
URANUS 300.16150SON	260	16"(400)
URANUS 300.18150SON	370	18"(470)



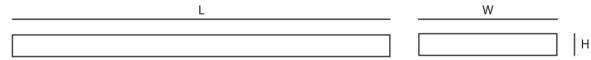
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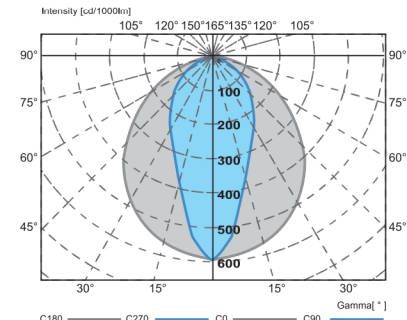
SSH 454/HB

2, 4 or 6 lamps control configuration to match conventional type metal halide fixtures output from 250W- 400W. Easy mounting options from direct ceiling, rigid suspension rod or flexible chain mounting. Precise control of light distribution at high mounting height. Mainly used for technical workshop, warehouse, laboratories, offices and supermarkets.



TM5 Utilization Factors

Utilization factors			LOR=91.2%			DLOR=91.2%			ULOR=0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	55	64	71	75	82	86	89	93	96
	0.3		48	57	64	69	77	82	85	90	93
	0.1		43	52	59	65	72	78	81	87	90
0.5	0.5	0.2	54	62	68	73	79	83	86	90	92
	0.3		48	56	63	68	75	79	82	87	89
	0.1		43	52	59	64	71	76	79	84	87
0.3	0.5	0.2	52	61	66	71	77	80	83	86	88
	0.3		47	55	62	66	73	77	80	84	86
	0.1		43	51	58	63	70	74	78	82	85
0.0	0.0	0.0	41	49	55	60	67	71	74	78	80
			SHR NOM =0.75			SHR MAX =0.85			SHR MAX TR =0.85		



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body	Made of heavy gauge sheet steel.
Diffuser (Optional)	Clear acrylic diffuser / tempered glass.
Reflector	High quality anodized aluminum.
Paintwork	Fully coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Fluorescent T5 - 54W/ 50W - ECO.
Electrical Data	240V, 50Hz, Power factor 0.95.
Wire	HR 105° C.
Gasket (Optional)	Elastomeric Nitrile Foam Material.
Ballast	Electronic Ballast.
Lampholder/ Starterholder	Moulded from Polycarbonate Material.
Optional components	Fused terminal block/Emergency pack.

Dimensions

MODEL NO.	NO. OF LAMP	L(MM)	L1(MM)	W(MM)	W1(MM)	H(MM)	H1(MM)
SSH 254/HB	2x54W	1195	-	260	-	70	-
SSH 454/HB	4x54W	1195	-	437	-	70	-
SSH 654/HB	6x54W	1195	-	613	-	70	-



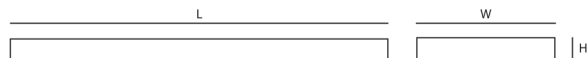
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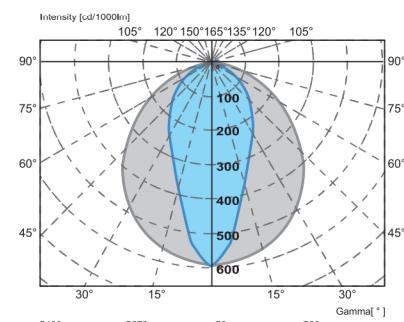
SSH 454/HB

2, 4 or 6 lamps control configuration to match conventional type metal halide fixtures output from 250W- 400W. Easy mounting options from direct ceiling, rigid suspension rod or flexible chain mounting. Precise control of light distribution at high mounting height. Mainly used for technical workshop, warehouse, laboratories, offices and supermarkets.



TM5 Utilization Factors

Utilization factors			LOR=91.2%			DLOR=91.2%		ULOR=0.0%			
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	55	64	71	75	82	86	89	93	96
	0.3		48	57	64	69	77	82	85	90	93
	0.1		43	52	59	65	72	78	81	87	90
0.5	0.5	0.2	54	62	68	73	79	83	86	90	92
	0.3		48	56	63	68	75	79	82	87	89
	0.1		43	52	59	64	71	76	79	84	87
0.3	0.5	0.2	52	61	66	71	77	80	83	86	88
	0.3		47	55	62	66	73	77	80	84	86
	0.1		43	51	58	63	70	74	78	82	85
0.0	0.0	0.0	41	49	55	60	67	71	74	78	80
			SHR NOM=0.75			SHR MAX=0.85		SHR MAX		TR=0.85	



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body	Made of heavy gauge sheet steel.
Diffuser (Optional)	Clear acrylic diffuser / tempered glass.
Reflector	High quality anodized aluminum.
Paintwork	Fully coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Fluorescent T5 - 54W/ 50W - ECO.
Electrical Data	240V, 50Hz, Power factor 0.95.
Wire	HR 105° C.
Gasket (Optional)	Elastomeric Nitrile Foam Material.
Ballast	Electronic Ballast.
Lampholder/ Starterholder	Moulded from Polycarbonate Material.
Optional components	Fused terminal block/Emergency pack.

Dimensions

MODEL NO.	NO. OF LAMP	L(MM)	L1(MM)	W(MM)	W1(MM)	H(MM)	H1(MM)
SSH 254/HB	2x54W	1195	-	260	-	70	-
SSH 454/HB	4x54W	1195	-	437	-	70	-
SSH 654/HB	6x54W	1195	-	613	-	70	-



Note : Subject to +/- 1.5mm

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An abstract geometric design featuring a central point from which several lines radiate outwards. Two prominent lines, one extending towards the top-left and another towards the top-right, are composed of a series of red squares. These lines are flanked by several thinner, solid grey lines. The background is a dark grey, and the overall composition is symmetrical and dynamic.

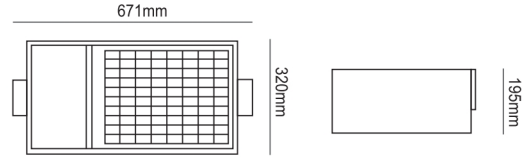
LOWBAY

Series



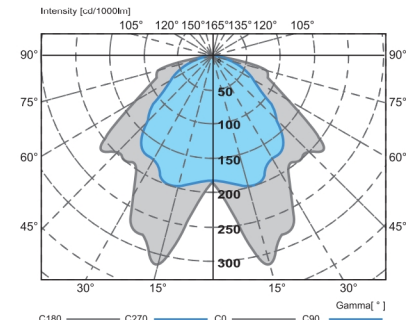
VENUS 100.250MH

Wide angle optical system with symmetrical light distribution. Surface or suspended luminaire for low ceiling mounting. Wire mesh / Tempered glass provide optimum lamp protection. Mainly used for factories, warehouse, workshops.



TM5 Utilization Factors

Utilization factors			LOR =69.8%			DLOR =69.8%			ULOR =0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	51	56	59	64	67	69	71	73
	0.3		N.A.	46	51	55	60	63	66	69	71
	0.1		N.A.	43	48	51	57	60	63	67	69
0.5	0.5	0.2	N.A.	50	54	57	61	64	66	69	70
	0.3		N.A.	46	50	54	58	61	64	67	69
	0.1		N.A.	42	47	51	56	59	61	65	67
0.3	0.5	0.2	N.A.	48	53	55	60	62	64	66	68
	0.3		N.A.	45	49	52	57	60	62	64	66
	0.1		N.A.	42	46	50	55	58	60	63	65
0.0	0.0	0.0	N.A.	40	45	48	52	55	57	60	62
	SHR NOM =1.75			SHR MAX =1.78			SHR MAX				
	TR =1.96										



Technical Data

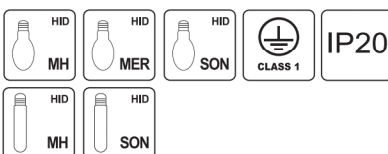
Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body	Made of heavy gauge sheet steel.
Cover	Wirenet.
Reflector	Hammertone anodised aluminium.
Paintwork	Fully coated with a high gloss white epoxy polyester, giving resilient finish.
Light Source	Metal Halide/Sodium/Mercury.
Electrical Data	240V, 50Hz
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Build-in

Dimensions

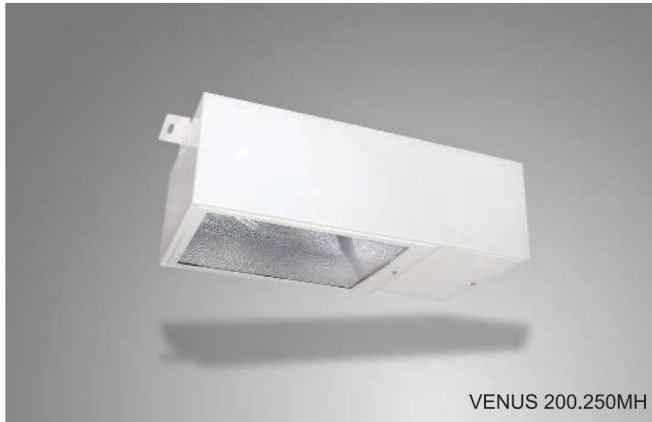
MODEL NO.	NO. OF LAMP
VENUS 100.070MH	1 X 70W
VENUS 100.150MH	1 X150W
VENUS 100.250MH	1 X250W
VENUS 100.400MH	1 X400W
VENUS 100.070SON	1 X 70W
VENUS 100.150SON	1 X150W

MODEL NO.	NO. OF LAMP
VENUS 100.250SON	1 X250W
VENUS 100.400SON	1 X400W
VENUS 100.080MER	1 X 80W
VENUS 100.125MER	1 X125W
VENUS 100.250MER	1 X250W
VENUS 100.400MER	1 X400W



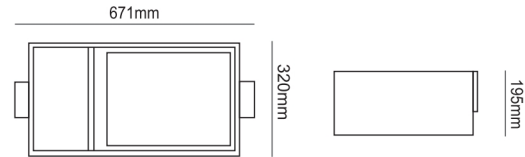
Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.



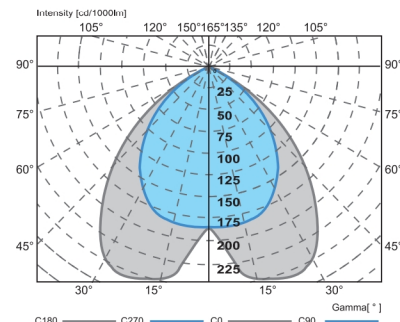
VENUS 200.250MH

Wide angle optical system with symmetrical light distribution. Surface or suspended luminaire for low ceiling mounting. With thermal shock resistance tempered glass. Mainly used for factories, warehouse, workshops.



TM5 Utilization Factors

Utilization factors			LOR =50.9%			DLOR =50.9%			ULOR =0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	37	41	44	46	49	51	52	54	55
	0.3		34	38	41	44	47	49	50	52	54
	0.1		31	35	39	42	45	47	49	51	53
0.5	0.5	0.2	36	40	43	45	48	49	50	52	53
	0.3		33	37	40	43	46	48	49	51	52
	0.1		31	35	39	41	44	46	48	50	51
0.3	0.5	0.2	35	39	42	44	46	48	49	50	51
	0.3		33	37	40	42	45	46	48	49	50
	0.1		31	35	38	40	43	45	47	48	49
0.0	0.0	0.0	30	34	37	39	42	43	45	46	47
			SHR NOM =1.50			SHR MAX =1.56			SHR MAX		
			TR =1.68								



Technical Data

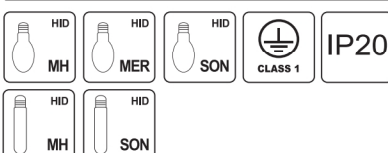
Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body	Made of heavy gauge sheet steel.
Glass	Tempered glass.
Reflector	Hammertone anodised aluminium.
Paintwork	Fully coated with a high gloss white epoxy polyester, giving resilient finish.
Light Source	Metal Halide/Sodium/Mercury.
Electrical Data	240V, 50Hz
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Build-in.

Dimensions

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