Panel-Vue® Sign-Vue® II

Sign illumination at its best to attract attention and convey the message

Panel-Vue® and Sign-Vue® II luminaires are the best choices to achieve the two purposes of a sign after sun down: to attract attention and to convey a message. Visibility and legibility are achieved by creating contrast; contrast between the sign and its background creates visibility while contrast between the legend and the sign face creates legibility. Hot spots and dark spots are elimated when Panel-Vue® and Sign-Vue® II fixtures are used because extremely uniform illumination is provided over the entire sign face.

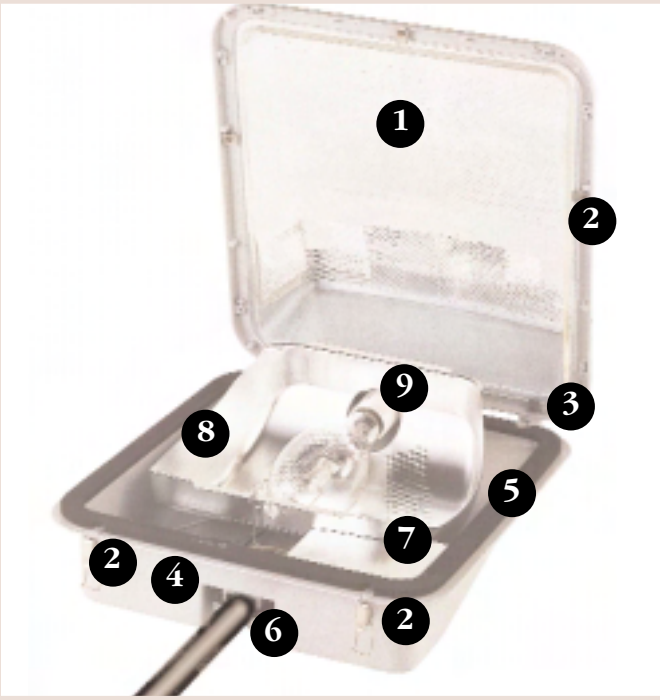
Features and Benefits

- **Prismatic glass refractor:** Uniformly disperses the maximum amount of light over entire sign face with minimal energy consumption.
- **Integral ballast**: Labor and installation cost is reduced since remote ballasts, electrical boxes, some wire and conduit and drilling on the back of the sign are eliminated.
- **Mounting**: Three and four bolt patterns are available on 12" and 6 ½" centers as well as direct arm mount onto 1 ¼" round conduit or 1 ½" square tubing.
- **Low profile**: The shallow profile provides a clean , clutter- free look that does not obstruct the message.
- **Weathertight design**: The entire luminaire meets all UL 1572 rain test requirements and is listed for "Wet Location".
- **HID lamps**: Long life, easy maintenance light sources such as mercury vapor, metal halide and high pressure sodium mean maintenance person "catwalk time" is minimized.
- **Reduced maintenance**: Optional door latches and quick disconnect, in addition to long life Holophane ballast and HID lamps mean maintenance time is minimized and safety is improved.

Highway guide signs

Corporate logo signs

Building facades



1. Refractor: Prismatic pressed borosilicate glass refractor evenly distributes lighting on the sign face with maximum efficiency for high message visibility and readability. Eliminates glare, hot spots and low spots even on corners and extensions. Thermal shock resistant glass refractor is not damaged by rain or snow. Smooth outer surface is self cleaned by rain, inner prismatic surface distributes light to sign face.

2. Door Assembly: Heavy duty die cast aluminum door and integral glare shield supports the refractor when opened and compresses the gasket when the stainless steel latch bolts are tightened or optional latches are engaged. Door and refractor are pre-aimed and pre-attached to the housing.

3. Hinge: Hinge components are die cast into the door and housing. Full door and refractor support are provided when door is opened past vertical by integral cast-in hinge stop.

4. Housing: Rugged die cast aluminum housing contains reflector, integral ballast, ballast cover, lamp socket and conduit mounting clamps. Vibration tested to withstand outdoor sign environments. Ballast components heat sunk for long life and corrosion resistant materials used throughout the fixture. All components pre-assembled for quick installation.

5. Weathertight Design: Weather-resistant rubber blend gasket seals refractor to housing to prevent entry of snow and wind driven rain. Assembly is UL listed "Wet Location" at 40°C and meets UL 1572 rain test requirements.

6. Mounting: 30mm (1.25") round pipe or 40mm (1.5") square tube clamp supports entire fixture while preventing rotation after leveling and tightening . Gasketed wire entrance and pre-installed hardware is included. Mounts easily to new or existing signs to replace obsolete incandescent and fluorescent lighting.

7. Built-in Ballast: Copper wound pre-wired ballast integral to housing, eliminates remote ballast, boxes, wire, conduit and drilling on back of sign. Labor and installation costs are dramatically reduced. Super metal halide, metal halide, mercury and high pressure sodium ballasts are available. Reliable starting temperatures down to -20°F and light output is not affected by humidity or temperature. Highly efficient, low watts loss, high power factor ballasts save energy dollars. Protective starter available with high pressure sodium ballast.

8. Reflector: Precisely engineered hydroformed one piece aluminum reflector distributes lamp lumens across the prismatic refractor to form the optical train for even, efficient, uniform message visibility.

9. Lamp Socket: Porcelain enclosed, factory prewired, nickel plated or stainless steel socket for corrosion resistance, electrical safety, positive hold, and ease of lamp replacement. Metal halide sockets are preset and position oriented to keep the lamp in its proper reflector orientation.

Holophane Mission Statement:

Provide lighting products and solutions, giving our customers the greatest value through superior:

- *visibility*
- *energy efficiency*
- *reliability*
- *quality*
- *service*

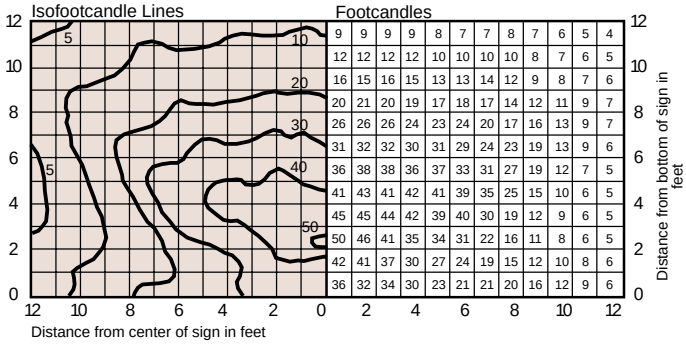
HOLOPHANE

Performance Results (mounting 1' down 4' out)

Test #	Avg.	Max./Min.	Avg./Min.	Max. Gradient
37173	31.75	3.33	2.12	1.88
37160	41.80	3.14	1.90	1.64
37155	45.64	3.55	2.07	1.78
37169	67.89	3.57	1.94	1.71
37163	22.94	5.13	2.86	1.60
37166	35.98	5.38	2.77	1.59

PANL15AHP12DG
150W Clear High Pressure Sodium

Test No. 37173
16000 Lumens



Footcandles

9	9	9	9	8	7	7	8	7	6	5	4
12	12	12	12	10	10	10	10	8	7	6	5
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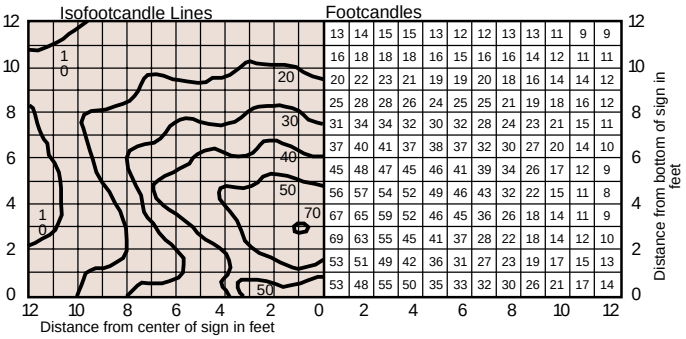
20	21	20	19	17	18	17	14	12	11	9	7
26	26	26	24	23	24	20	17	16	13	9	7
31	32	32	30	31	29	24	23	19	13	9	6
36	38	38	36	37	33	31	27	19	12	7	5
41	43	41	42	41	39	35	25	15	10	6	5
45	45	44	42	39	40	30	19	12	9	6	5
50	46	41	35	34	31	22	16	11	8	6	5
42	41	37	30	27	24	19	15	12	10	8	6
36	32	34	30	23	21	21	20	16	12	9	6

PANL250HP12DG
250W Clear High Pressure Sodium

Test No. 37160
27500 Lumens

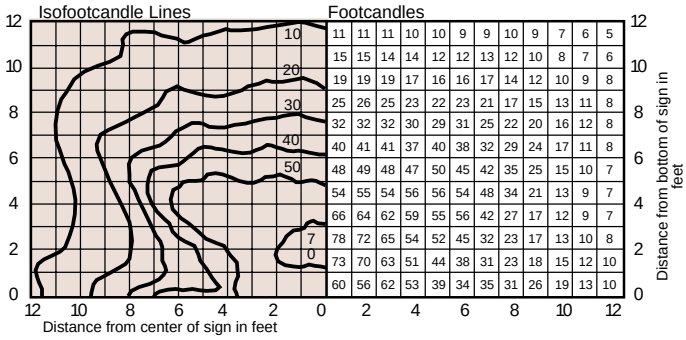


Footcandles

13	14	15	15	13	12	12	13	13	11	9	9
16	18	18	18	16	15	16	16	14	12	11	11
20	22	23	21	19	19	20	18	16	14	14	12
25	28	28	26	24	25	25	21	19	18	16	12
31	34	34	32	30	32	28	24	23	21	15	11
37	40	41	37	38	37	32	30	27	20	14	10
45	48	47	45	46	41	39	34	26	17	12	9
56	57	54	52	49	46	43	32	22	15	11	8
67	65	59	52	46	45	36	26	18	14	11	9
69	63	55	45	41	37	28	22	18	14	12	10
53	51	49	42	36	31	27	23	19	17	15	13
53	48	55	50	35	33	32	30	26	21	17	14

PANL250MHP12DG
250W Clear Super Metal Halide

Test No. 37155
23000 Lumens



Footcandles

11	11	11	10	10	9	9	10	9	7	6	5
15	15	14	14	12	12	13	12	10	8	7	6
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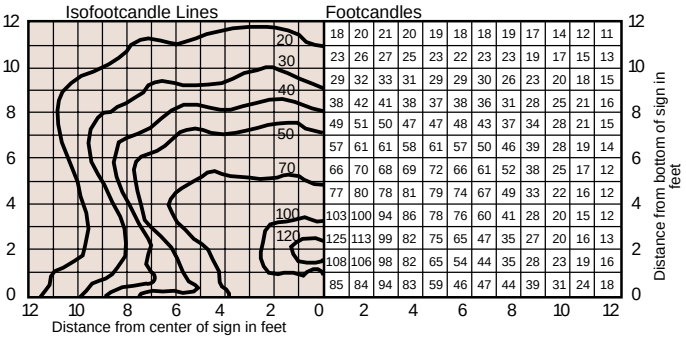
25	26	25	23	22	23	21	17	15	13	11	8
32	32	32	30	29	31	25	22	20	16	12	8
40	41	41	37	40	38	32	29	24	17	11	8
48	49	48	47	50	45	42	35	25	15	10	7
54	55	54	56	56	54	48	34	21	13	9	7
66	64	62	59	55	56	42	27	17	12	9	7
78	72	65	54	52	45	32	23	17	13	10	8
73	70	63	51	44	38	31	23	18	15	12	10
60	56	62	53	39	34	35	31	26	19	13	10

PANL400MH12DG
400W Clear Super Metal Halide

Test No. 37169
40000 Lumens



Footcandles

18	20	21	20	19	18	18	19	17	14	12	11
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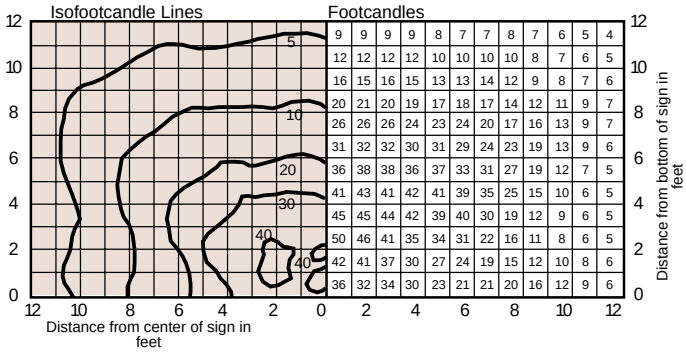
38	42	41	38	37	38	36	31	28	25	21	16
49	51	50	47	47	48	43	37	34	28	21	15
57	61	61	58	61	57	50	46	39	28	19	14
66	70	68	69	72	66	61	52	38	25	17	12
77	80	78	81	79	74	67	49	33	22	16	12
103	100	94	86	78	76	60	41	28	20	15	12
125	113	99	82	75	65	47	35	27	20	16	13
108	106	98	82	65	54	44	35	28	23	19	16
85	84	94	83	59	46	47	44	39	31	24	18

PANL250MV12DG
250W Deluxe Mercury

Test No. 37163
12300 Lumens



Footcandles

9	9	9	9	8	7	7	8	7	6	5	4
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26	26	26	24	23	24	20	17	16	13	9	7
31	32	32	30	31	29	24	23	19	13	9	6
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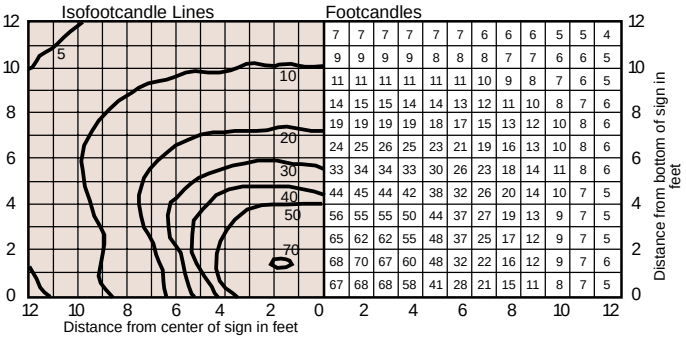
45	45	44	42	39	40	30	19	12	9	6	5
50	46	41	35	34	31	22	16	11	8	6	5
42	41	37	30	27	24	19	15	12	10	8	6
36	32	34	30	23	21	21	20	16	12	9	6

PANL400MV12DG
400W Deluxe Mercury

Test No. 37166
21750 Lumens



Footcandles

7	7	7	7	7	7	6	6	6	5	5	4
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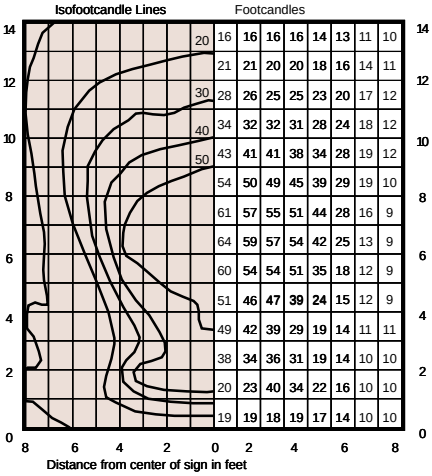
14	15	15	14	14	13	12	11	10	8	7	6
19	19	19	19	18	17	15	13	12	10	8	6
24	25	26	25	23	21	19	16	13	10	8	6
33	34	34	33	30	26	23	18	14	11	8	6
44	45	44	42	38	32	26	20	14	10	7	5
56	55	55	50	44	37	27	19	13	9	7	5
65	62	62	55	48	37	25	17	12	9	7	5
68	70	67	60	48	32	22	16	12	9	7	6
67	68	68	58	41	28	21	15	11	8	7	5

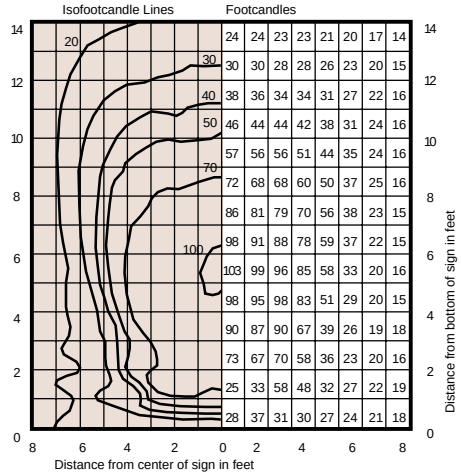
Performance Results

Test #	Mounting	Avg.	Max./Min.	Avg./Min.	Max. Gradient
40901	1’ down 4.5’ out	35.23	4.63	2.52	2.33
40907	1’ down 4.5’ out	55.70	4.29	2.32	1.93
40895	1’ down 5’ out	38.07	4.20	2.54	1.91
40904	3’ down 6’ out	58.51	2.50	1.83	1.85
40896	1’ down 4.5’ out	23.99	7.14	3.43	1.53
40893	1’ down 4.5’ out	26.94	4.60	2.69	1.38

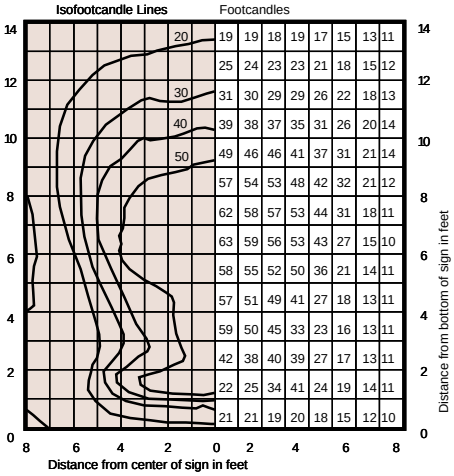
SNVW15AHP12DG 150W Clear High Pressure Sodium — **Test No. 40901** — **16000 Lumens**



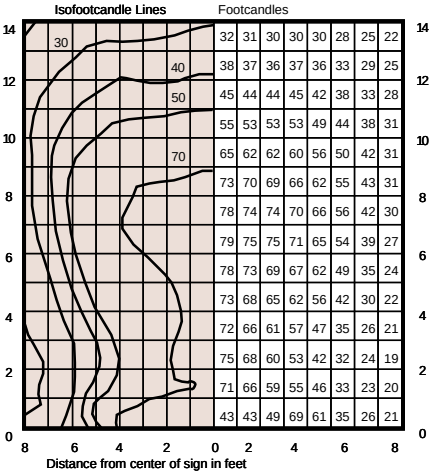
SNVW250AHP12DG 250W Clear High Pressure Sodium — **Test No. 40907** — **27500 Lumens**



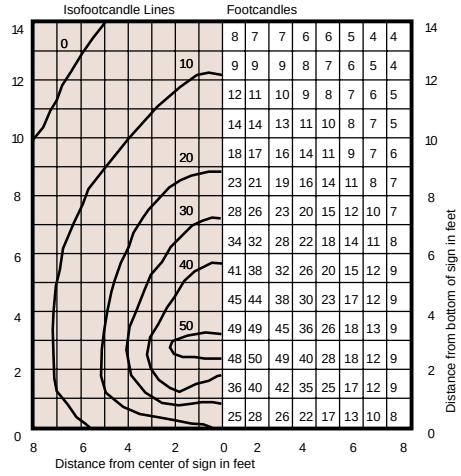
SNVW250MH12DG 250W Clear Metal Halide — **Test No. 40895** — **17800 Lumens**



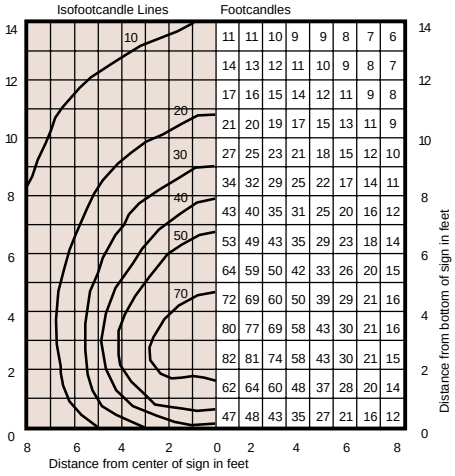
SNVW400MH12DG 400W Clear Super Metal Halide — **Test No. 40904** — **40000 Lumens**



SNVW250MV12DG 250W Deluxe Mercury — **Test No. 40896** — **12100 Lumens**



SNVW400MV12DG 400W Deluxe Mercury — **Test No. 40893** — **22500 Lumens**

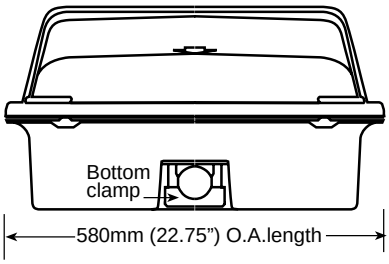


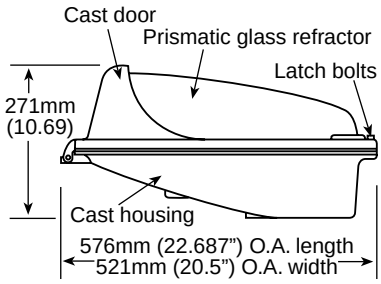
How to construct a catalog number for Holophane Panel-Vue® and Sign-Vue® II — Fixture type _____

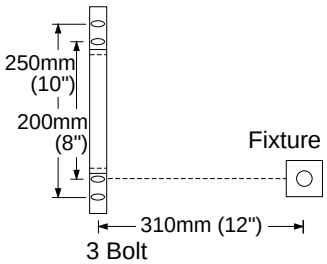
EXAMPLE:	PANL or	SNVW—	15AHP —	12 —	D —	G —	SW	Fill in	____ —	____ —	____ —	____ —	____ —	____
	1	1	2	3	4	5	6	cat. no.:	1	2	3	4	5	6

Step	Catalog no.	Description
1. Luminaire	☐ PANL	Panel-Vue®
	☐ SNVW	Sign-Vue® II
2. Source and wattage	☐ 175MH*	175W MH
	☐ 250MH*	250W MH and super MH
	☐ 400MH*	400W MH and super MH
	☐ 100MV*	100W mercury
	☐ 175MV*	175W mercury
	☐ 250MV	250W mercury
	☐ 400MV	400W mercury
	☐ 100HP*	100W HPS
	☐ 15AHP*	150W-55V HPS
	☐ 250HP*	250W HPS
	☐ 400HP*	400W HPS
3. Voltage	☐ 12	120 volt
	☐ 20	208 volt
	☐ 24	240 volt
	☐ 27	277 volt
	☐ 34	347 volt
	☐ 48	480 volt
	☐ MT	Multi-voltage (120 through 277V USA, 120, 277, 347V Canada) available with wattages indicated * above
4. Mounting	☐ D	Mounting with refractor up
	☐ T	Mounting with refractor down
	☐ S	3/4" NPT Side entry (One of the mounting brackets listed under accessories is required for installation. Pipe/tube mounting assembly is not included.)
5. Color	☐ G	Gray paint
	☐ B	Brown paint
6. Options	☐ -L	Latch closure
	☐ -QL	Latch closure and quick disconnect (NA with "SW")
	☐ -QD	Quick disconnect (NA with "SW")
	☐ -SW	On/off switch for use with 120 and 240 Voltages units only
Accessories (order separately)	☐ -F1	Single fuse assembly for 120, 240, 277, 347V; for field installation
	☐ -F2	Double fuse assembly for 208, 240, 480V; for field installation
	☐ 3BOLT	Bracket for 3 bolt mounting
	☐ 4BOLT	Bracket for 4 bolt mounting
	☐ Bolt 6.5	Bracket for 6.5" mounting
	☐ WG-213	Wire guard
	☐ DOORPROP	Doorprop for positive door and refractor support when mounted in standard, refractor up position
	☐ Lamp	Appropriate lamp

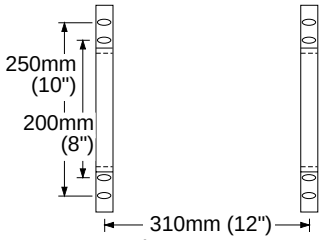
Electrical characteristics For complete electrical data, see tables of electrical characteristics in Holophane Ballast Handbook, publication HL-301.







3 Bolt



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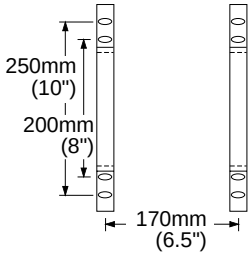

Bolt 6.5

Order number _____ **Job name** _____