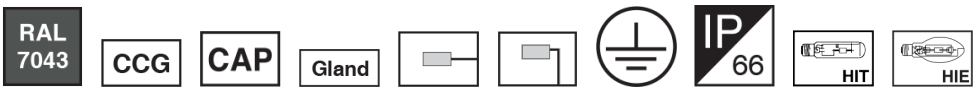
Mazinoor
Different Experience Beyond Illumination

M115SPW150MH

STARK 150W metal halide pole or wall mount wellglass luminaire, Electrical compartment, A1 series



About Product

STARK well glass luminaire is Mazinoor state of the art design suitable for suspending, wall, and pole mounting in industrial area and power plants. High lighting efficacy, uniform light distribution, specially designed die-cast aluminum housing, and high thermal and mechanical resistant borosilicate glass are among the highlights of this luminaire.

Technical Information

Cataloge Code/product code:	M115SPW150MH
Mounting Type:	Horizontal boom mounting، Wall mounting with bracket
Application:	Industrial area
Light source type:	Metal Halide lamp
Lamp Wattage:	150
Module/ Lamp quantity:	1
Light source:	HIE، HIT
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Ballast/ Driver:	Electromagnetic Ballast
EEI classification:	A3
Mains voltage:	230 VAC
Voltage Frequency:	50 Hz
Lampholder type:	E27
Lampholder spec:	Porcelain، T270
Capacitor:	Yes
Capacitor Spec:	100 °C
Ignitor:	Yes
Wire / Cable Spec:	Silicon solid wire
Wire cross section:	1.5

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Terminal material:	Polyamide
Terminal Spec:	3-Pole (Size: 2.5)
Socket & Plug:	Polyamide
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Cast aluminum
Body Coating:	Powder coated
Body Color:	Gray
RAL:	RAL7043
Body Characteristic:	easy in service and maintenance
Door Material:	Cast aluminum
Door Coating:	Gray powder coated
Diffuser/Glass Material:	Glass
Diffuser/Glass Characteristic:	High thermal resistance، Resistant to scratches
Light Distribution:	Uniform light distribution
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	7.4
Dimensions(mm):	Ø170x357

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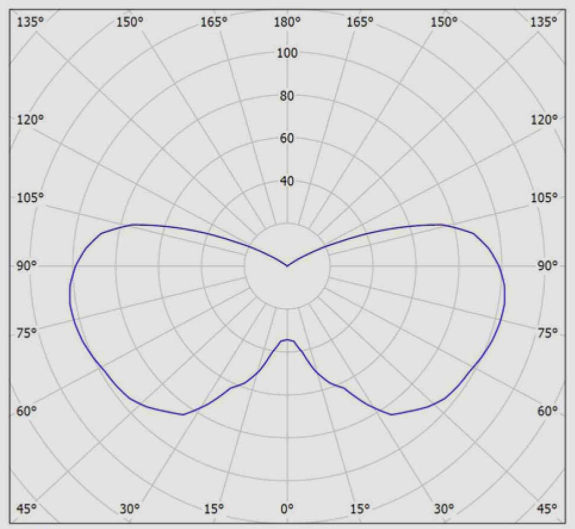
Photometric Graph



Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	34.2	35.5	34.9	36.2	37.0	34.2	35.5	34.9	36.2	37.0
	3H	37.9	39.0	38.5	39.7	40.6	37.9	39.0	38.5	39.7	40.6
	4H	39.8	40.9	40.5	41.6	42.5	39.8	40.9	40.5	41.6	42.5
	6H	41.9	42.9	42.6	43.7	44.6	41.9	42.9	42.6	43.7	44.6
	8H	43.0	44.1	43.8	44.8	45.7	43.0	44.1	43.8	44.8	45.7
	12H	44.3	45.3	45.1	46.1	47.0	44.3	45.3	45.1	46.1	47.0
4H	2H	35.2	36.3	35.9	37.1	37.9	35.2	36.3	35.9	37.1	37.9
	3H	39.0	40.0	39.8	40.8	41.7	39.0	40.0	39.8	40.8	41.7
	4H	41.1	42.0	41.9	42.8	43.7	41.1	42.0	41.9	42.8	43.7
	6H	43.4	44.2	44.2	45.0	45.9	43.4	44.2	44.2	45.0	45.9
	8H	44.6	45.4	45.4	46.2	47.2	44.6	45.4	45.4	46.2	47.2
	12H	46.0	46.8	46.8	47.6	48.5	46.0	46.8	46.8	47.6	48.5
8H	4H	41.9	42.7	42.7	43.5	44.4	41.9	42.7	42.7	43.5	44.4
	6H	44.5	45.1	45.3	45.9	46.9	44.5	45.1	45.3	45.9	46.9
	8H	45.9	46.5	46.7	47.3	48.3	45.9	46.5	46.7	47.3	48.3
	12H	47.5	48.0	48.3	48.9	49.9	47.5	48.0	48.3	48.9	49.9
12H	4H	42.1	42.8	42.9	43.7	44.6	42.1	42.8	42.9	43.7	44.6
	6H	44.8	45.4	45.6	46.2	47.2	44.8	45.4	45.6	46.2	47.2
	8H	46.3	46.9	47.2	47.7	48.7	46.3	46.9	47.2	47.7	48.7

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.2 / -0.2	+0.2 / -0.2
S = 1.5H	+0.3 / -0.3	+0.3 / -0.3
S = 2.0H	+0.5 / -0.5	+0.5 / -0.5
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 11600lm Total Luminous Flux

Dimensional Drawing