UTAH GEN2
UGR < 19

5 YEAR WARRANTY

DALI 2

CE RoHS IP54 IK08 120V 264V IEC EN62471 IEC EN60598

Features

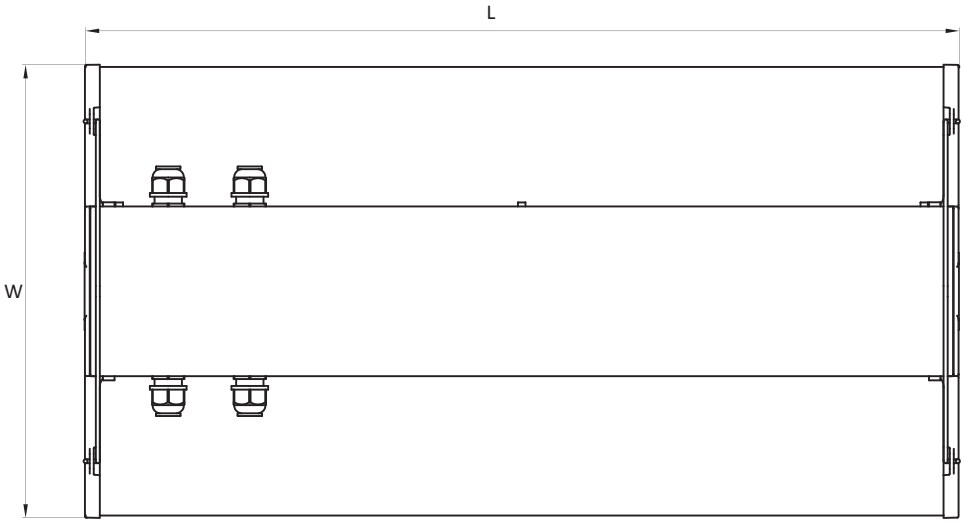
* Very low UGR < 19, SHR=0.25
* L90 lifetime 50K hours (Ta 25°C)
* L80 lifetime 100K hours (Ta 25°C)
* L70 lifetime 150K hours (Ta 25°C)
* Push-in terminal, 5x2.5mm2
* LED module efficiency > 178lm/W
* Aluminum heat radiator
* Flicker free

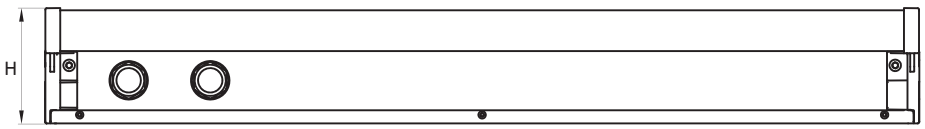
General Information	
Light source type	LED
Beam angle of LED module	80°
Color temperature	4000K neutral white
CRI	80
LED module replaceable	Yes, only by professionals
Number of LED driver	1 unit
Driver included	Yes
Driver replaceable	Yes, only by professionals
L70 lifetime of LED module	50,000 hrs
L80 lifetime of LED module	100,000 hrs
L70 lifetime of LED module	150,000 hrs
LED module efficiency	> 178 lm/W
Operating and Electrical	
Input Voltage	120-264 Vac
Input frequency	50/60 Hz
THD	< 10%
Power factor	0.95
Surge protection	10 kV (L/N-Ground)
Ambient temperature range	-40°C to + 50°C
Performance ambient temperature Tq	+25°C

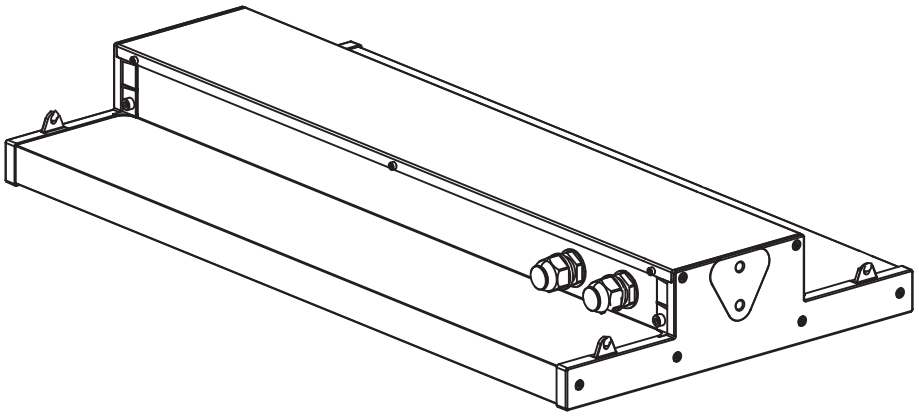
SDCM	3 steps	
Optical type	Lens	
Control and dimming	DALI	
Connection type	5 pole connector	
Protection class IEC	Safety class I	
Glow-wire test	650°C, 30 s	
UGR	< 19 SHR=0.25	
PstLM	< 1	
SVM	< 0.4	
CE Mark	Yes	
EU RoHS compliant	Yes	
Inrush current & max units on 16A breaker		
5701043200802	86A	B16: 14pcs, C16:28 pcs
5701043201502	45A	B16: 14pcs, C16:28 pcs
Mechanical and Housing		
Housing material	Aluminum	
Optical material	PC	
Housing color	White	
Ingress protection code	IP 54	
Mech. impact protection code	IK 08	
Remarks		
LED driver failure rate at 50,000hrs	5 %	
Power consumption tolerance	± 7 %	

EAN Code	LED Watts	System Watts	Rated Flux	CRI	CCT	LED Efficiency	Beam Angle	Length mm	Width mm	Height mm	Dimming technology
Utah GEN2 DALI											
5701043200802	72w	80w	12800lm	Ra80	4000K	178lpw	80°	643mm	333.4mm	85.4mm	DALI2
5701043201502	135w	150w	24000lm	Ra80	4000K	178lpw	80°	953mm	333.4mm	85.4mm	DALI2

* Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only relfect statistical figures and do not necessarily correspond to the actual parameters of each single product wihch could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.



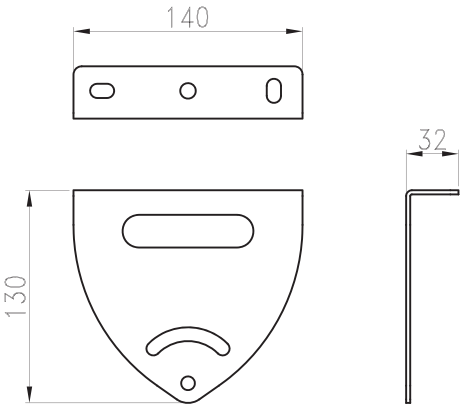


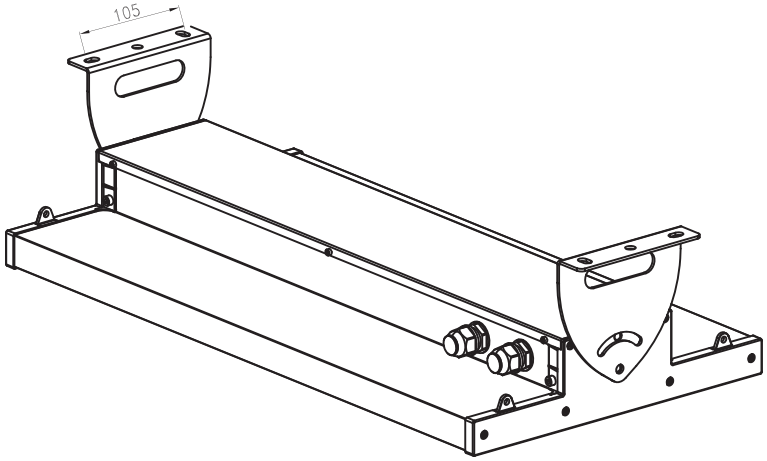


A LED A/S Hammeren 6,DK-6800 Varde www.aled.dk info@aled.dk

EAN Code	Length mm	Width mm	Height mm	Material
Adjustable bracket				
5701043025009	140mm	32mm	130mm	Metal

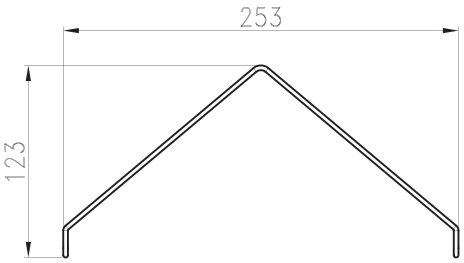
Needs to order seperately !

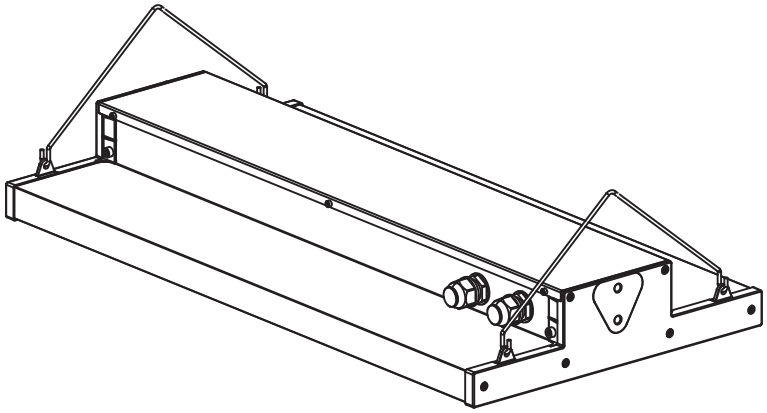




EAN Code	Width mm	Height mm	Diameter mm	Material
V shape quick installation hook				
5701043027003	253mm	123mm	3 mm	Stainless steel

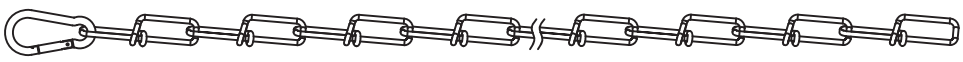
Needs to order seperately !





EAN Code	Length mm	Material
Installation chain		
5701043026006	1000mm	Zic coated steel

Needs to order seperately !



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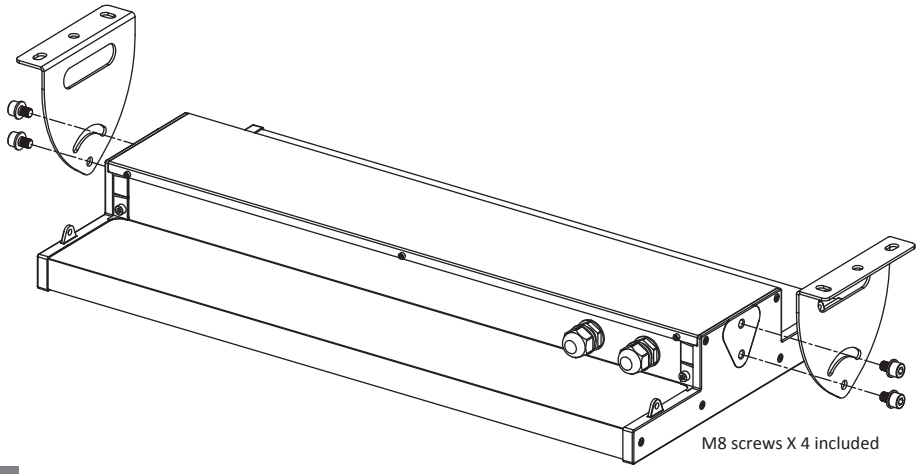
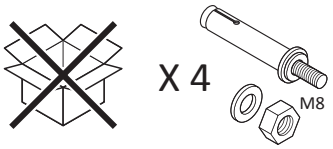
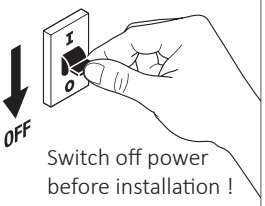
Surface mounted installation



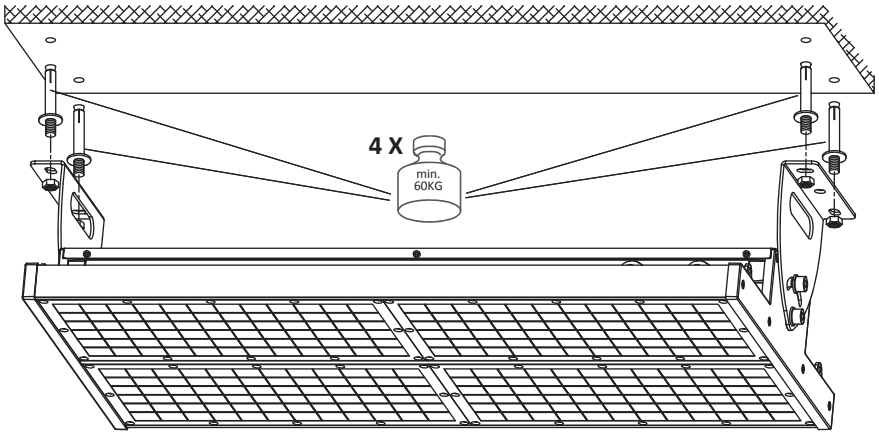


Expansion screws not included !

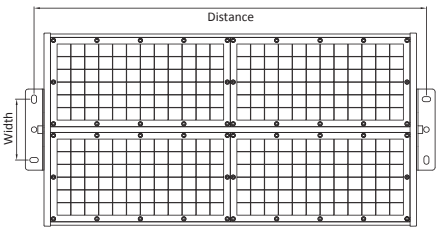


Switch off power before installation !

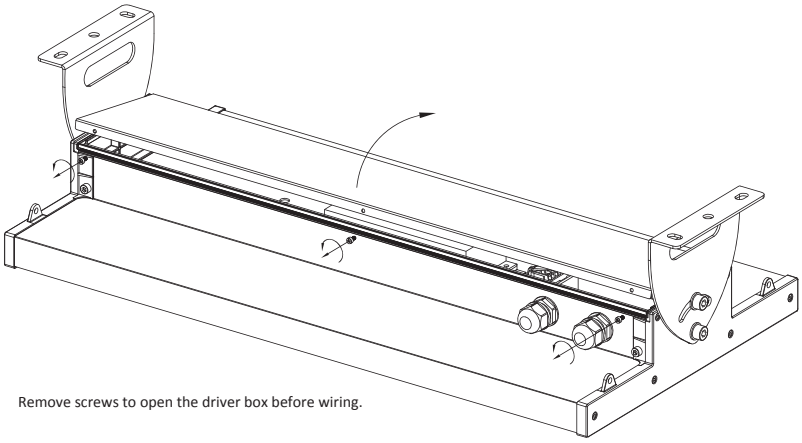
1



EAN Code	Distance mm	Width mm
5701043200802	677	105
5701043201502	987	105



2



Remove screws to open the driver box before wiring.

3

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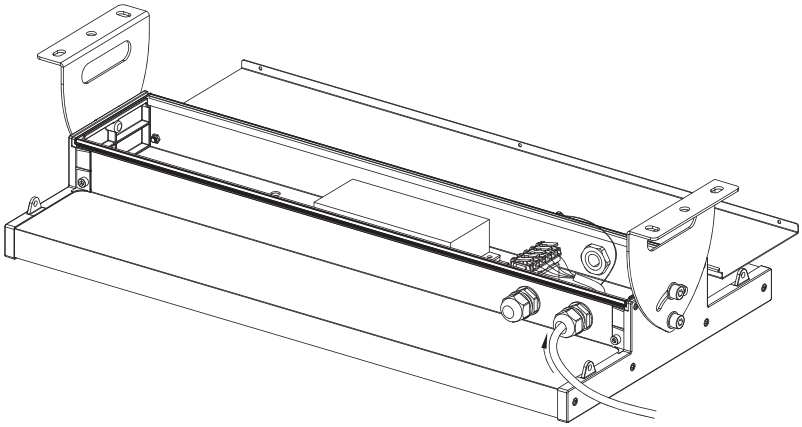

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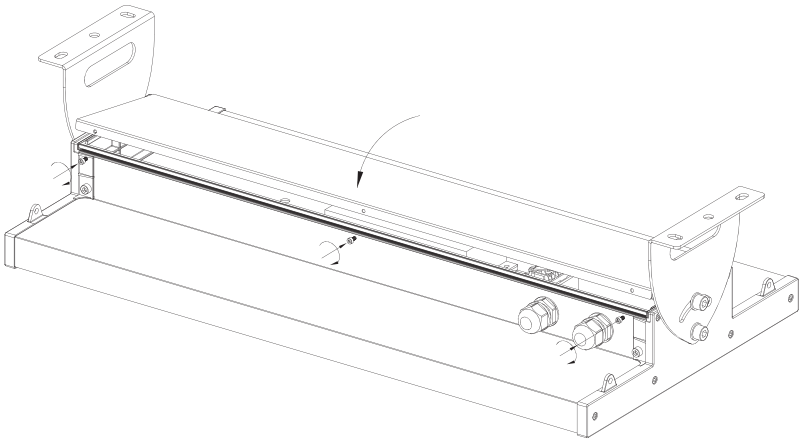

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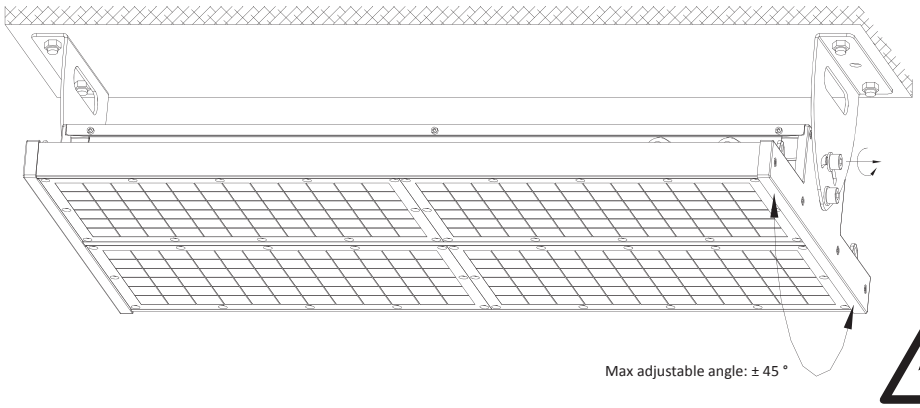

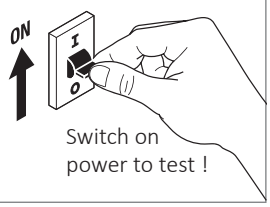

6

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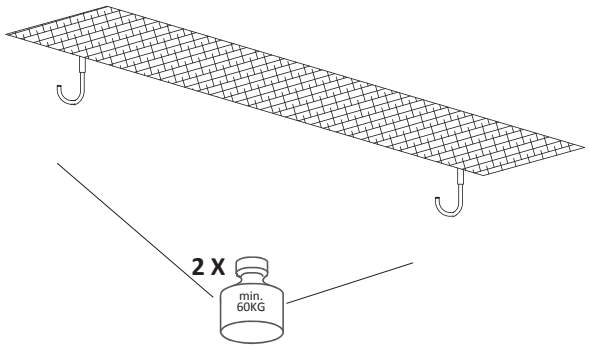
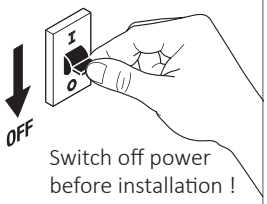
Suspended installation

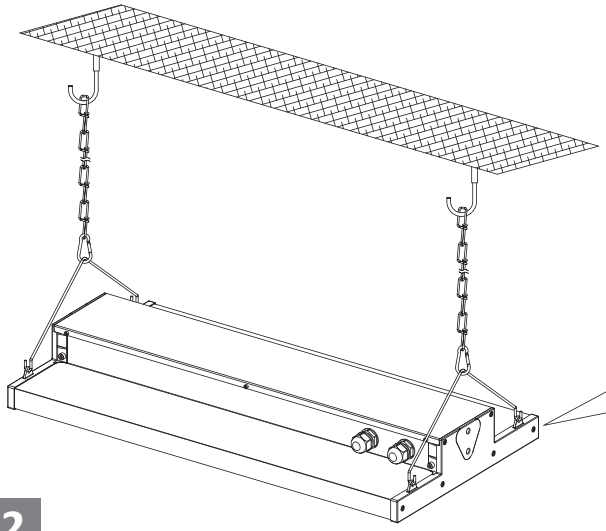


EAN Code	Distance mm
5701043200802	643
5701043201502	953



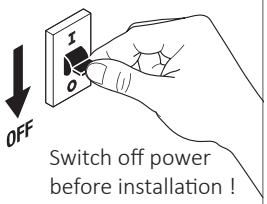
Switch off power
before installation !

1



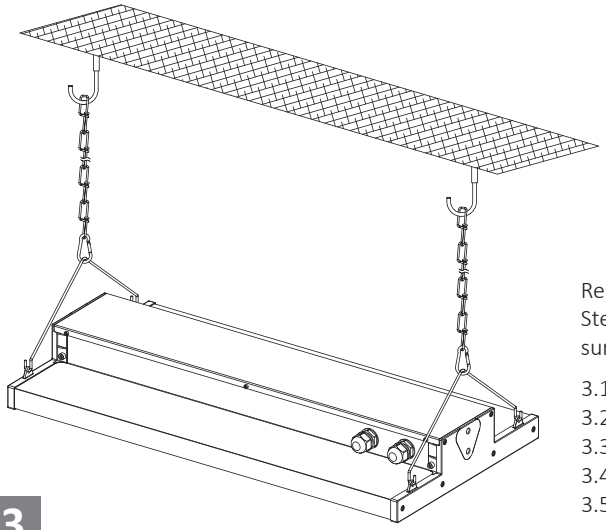
X 2

V hooks and chains are not included !



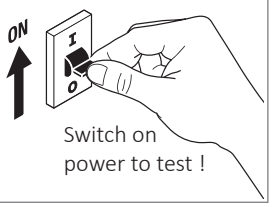
Switch off power
before installation !

2



Remark:
Step 3.1 to 3.4 just the same as the surface mounted installation.

3.1: Open the driver box;
3.2: Do wiring works;
3.3: Close the driver box;
3.4: Installation now is finished;
3.5: Turn on the power to test.



Switch on
power to test !

3

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OxyTech

Luminaire
Code Utah GEN2 150w
Name Utah GEN2 150w
Measurem.
Code Utah GEN2 150w
Name Utah GEN2 150w

Luminaire Flux	26293 lm	Luminaire Power	158.2 W	Efficacy	166.176 lm/W	Efficiency	100.00%
Source Flux	26293 lm	Maximum value	750.82 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.5	18.2	17.7	18.4	18.6	18.1	18.8	18.3	19.0	19.2
x=2H y=3H	17.4	18.1	17.7	18.3	18.5	18.0	18.6	18.3	18.9	19.1
x=2H y=4H	17.3	18.0	17.6	18.2	18.5	17.9	18.5	18.2	18.8	19.0
x=2H y=6H	17.3	17.9	17.6	18.2	18.4	17.8	18.4	18.2	18.7	19.0
x=2H y=8H	17.3	17.8	17.6	18.1	18.4	17.8	18.4	18.2	18.7	19.0
x=2H y=12H	17.3	17.8	17.6	18.1	18.4	17.8	18.3	18.1	18.6	18.9
x=4H y=2H	17.3	17.9	17.6	18.2	18.4	17.9	18.5	18.2	18.7	19.0
x=4H y=3H	17.2	17.7	17.6	18.1	18.4	17.8	18.3	18.1	18.6	18.9
x=4H y=4H	17.2	17.6	17.6	18.0	18.3	17.7	18.2	18.1	18.5	18.9
x=4H y=6H	17.2	17.5	17.6	17.9	18.3	17.7	18.1	18.1	18.4	18.8
x=4H y=8H	17.2	17.5	17.6	17.9	18.3	17.6	18.0	18.1	18.4	18.8
x=4H y=12H	17.2	17.5	17.6	17.9	18.3	17.6	17.9	18.0	18.3	18.7
x=8H y=4H	17.1	17.4	17.5	17.8	18.2	17.6	18.0	18.1	18.4	18.8
x=8H y=6H	17.1	17.3	17.5	17.8	18.2	17.6	17.8	18.0	18.3	18.7
x=8H y=8H	17.1	17.3	17.5	17.7	18.2	17.5	17.8	18.0	18.2	18.7
x=8H y=12H	17.1	17.3	17.6	17.7	18.2	17.5	17.7	18.0	18.1	18.7
x=12H y=4H	17.0	17.3	17.5	17.8	18.2	17.6	17.9	18.0	18.3	18.7
x=12H y=6H	17.0	17.2	17.5	17.7	18.2	17.5	17.8	18.0	18.2	18.7
x=12H y=8H	17.0	17.2	17.5	17.7	18.2	17.5	17.7	18.0	18.1	18.7