



Item No.	INPUT (V)	IP/IK	Power	Lumen	CRI	Colour Temp	Dim	Emergency	Sensor	BEAM ANGLE
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HL-200W-ST	230	IP65 IK08	Selectable 100w 150w 200w	15000lm 22500lm 30000lm	>80Ra	CCT Selectable 4/5/6K	0-10V	Optional	Optional Plug & play	120
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AM New Technologies – LED Highbay Light

Designed for performance and durability, whether upgrading existing systems or planning a new installation, AM LED Highbay delivers consistent, high-performance lighting in demanding environments.

Key Features:

- High lumen output
- Robust construction
- Die-cast aluminium housing
- Multiple beam angles
- Energy-efficient LED technology
- DALI/Dimmable options
- 5-year warranty



U-Bracket



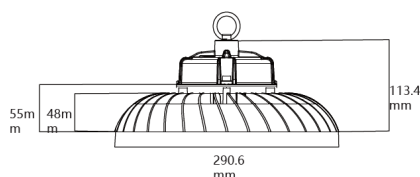
Aluminium Reflector



PC Reflector



Microwave sensor



www.H3NZ.co.nz

9 Olive Road, Penrose, Auckland

sales@amnts.co.nz

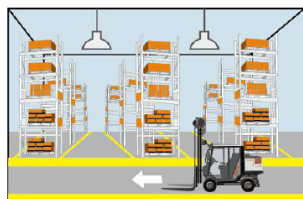
09-8694563

THE BEST LIGHTING SOLUTION

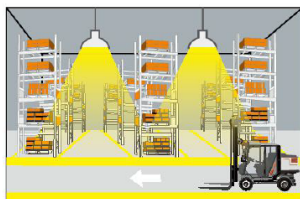


Sensor setup instruction

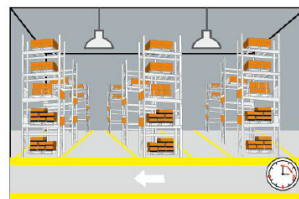
1) On/OFF Function (stand-by period be set to "0"s)



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

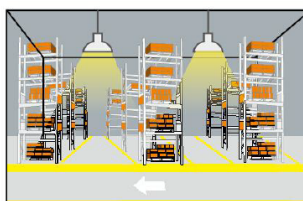


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

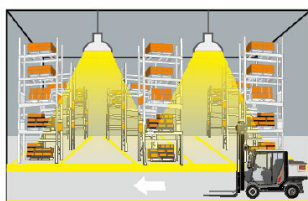


3 After elapse of hold time, the sensor switches off the light when no motion is detected.

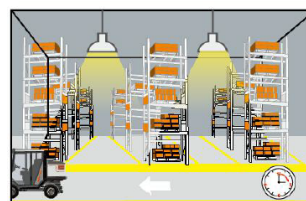
2) 2-step dimming function (stand-by period be set to "+∞")



1 If there is no motion detected, the light will be remained at a low light level all the time.

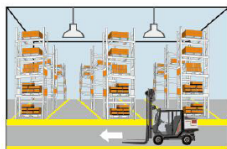


2 When motion is detected, the sensor will switch on the light to 100% brightness

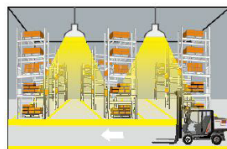


3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

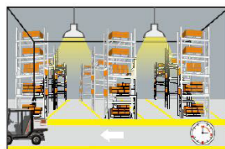
3) 3-step dimming function (stand-by period be set to "10S/1min/3min/5min/10min/30min")



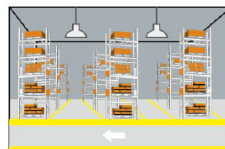
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

4) Daylight priority (stand-by period set to "+∞")



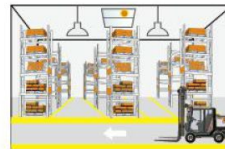
1 Lamp turns on at low light level 10% in the night.



2 Motion detected, lamp automatically lights up to 100%.



3 After hold time, the lamp gradually dims to a low light level 10% if no movement detected.



4 Lamp turns off after dawn.

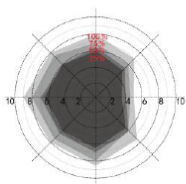


IP65 Highbay Sensor detection pattern

DETECTION PATTERN

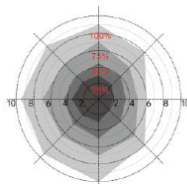
Ceiling mounting

Ceiling mounted height: 3m
Sensitivity: 100%/75%/50%/25%



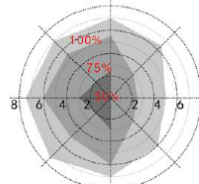
Normal moving (Speed: 1m/s)

Ceiling mounted height: 12m
Sensitivity: 100%/75%/50%/25%

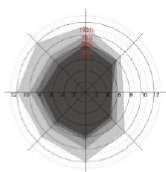


Normal moving (Speed: 1m/s)

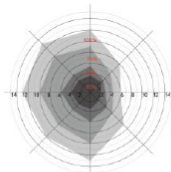
Ceiling mounted height: 15m (*)
Sensitivity: 100%/75%/50%



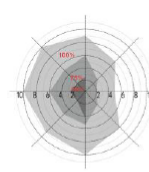
Normal moving (Speed: 1m/s)



Slow moving (Speed 0.3m/s)



Slow moving (Speed 0.3m/s)

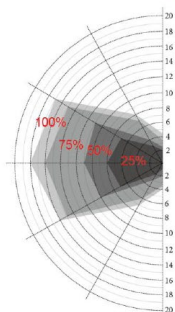


Slow moving (Speed 0.3m/s)

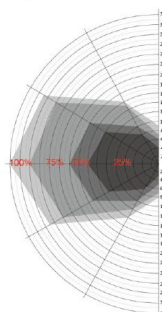
*Only 100%/75%/50% detection sensitivity is workable when installed at 15m mounting height. 25% sensitivity is not able to detect motion signal.

Wall mounting

Horizon mounted height: 2m
Sensitivity: 100%/75%/50%/25%



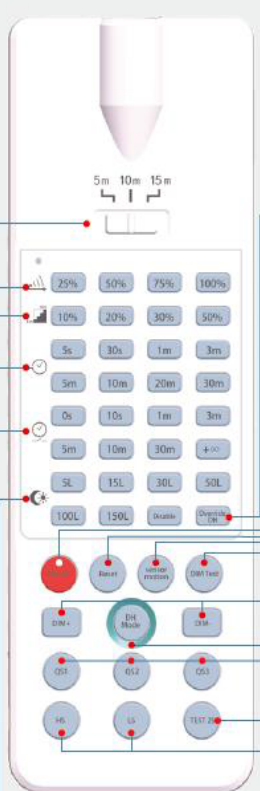







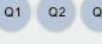








Normal moving (Speed: 1m/s)



Slow moving (Speed 0.3m/s)



IP65 Highbay Sensor remote control

Remote Control Setting	Button	Remarks																												
		Press the "ON/OFF" button, the light goes to constant on/off mode, sensor is disabled, Press "Reset" "Auto mode" button to quit from this mode and the sensor starts to work.																												
		Press "Reset" button, all parameters are same as setting of DIP switch or factory settings.																												
		Press "Sensor motion" button, the light quits from the constant on/ off mode, and the sensor starts to work (The latest setting stays in validity)																												
		Press "DIM Test" button, the 1-10 V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.																												
		Long press 3s, Daylight priority mode will be switched to daylight threshold mode, lux value will go back to previous one.																												
		Short press "DIM+/DIM-" button to Set the output lumen level, each press will will $\pm 2\%$ light level																												
		Long press >3s, sensor will be switched to daylight priority mode; if preset daylight value is Disable,, press DH Mode can not start daylight priority mode.																												
		<table border="1"> <thead> <tr> <th>Scene Options</th> <th>Detection Area</th> <th>Hold Time</th> <th>Stand-by period</th> <th>Stand-by dim level</th> <th>Daylight Sensor</th> <th>Induction model</th> </tr> </thead> <tbody> <tr> <td>QS1</td> <td>100%</td> <td>5min</td> <td>10min</td> <td>10%</td> <td>30Lux</td> <td>Hs</td> </tr> <tr> <td>QS2</td> <td>100%</td> <td>10min</td> <td>30min</td> <td>10%</td> <td>Disable</td> <td>Hs</td> </tr> <tr> <td>QS3</td> <td>100%</td> <td>20min</td> <td>30min</td> <td>10%</td> <td>Disable</td> <td>Hs</td> </tr> </tbody> </table>	Scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	Induction model	QS1	100%	5min	10min	10%	30Lux	Hs	QS2	100%	10min	30min	10%	Disable	Hs	QS3	100%	20min	30min	10%	Disable	Hs
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	QS2	100%	10min	30min	10%	Disable	Hs																							
	QS3	100%	20min	30min	10%	Disable	Hs																							
		<p>Press the "TEST 2S" button can enter the test mode any time. At the mode, the sensor parameters as below: Detection Area is 100%, Hold Time is 5s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable.</p> <p>This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.</p>																												
		<p>Press "HS" button to set the detection area to be high sensitive. Press "LS" button to set the detection area to be low sensitive. The adjustment bases on the "Detection Area" parameter you set.</p>																												
		<p>Daylight Sensor Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/ Disable.</p>																												
		<p>Stand-by period Set up stand-by time: 0S/10S/1min/3min/5min/10min/30min/+∞</p>																												
		<p>Hold time Set up hold time: 5S/30S/1min/3min/5min/10min/20min/30min</p>																												
		<p>Stand-by dim level Set up stand-by dim level: 10%/20%/30%/50%</p>																												
	<p>Detection Area Set up detection area: 25%/50%/75%/100%</p>																													
	<p>Remote Distance Toggle button can set the remote distance of remote control and sensor.</p>																													