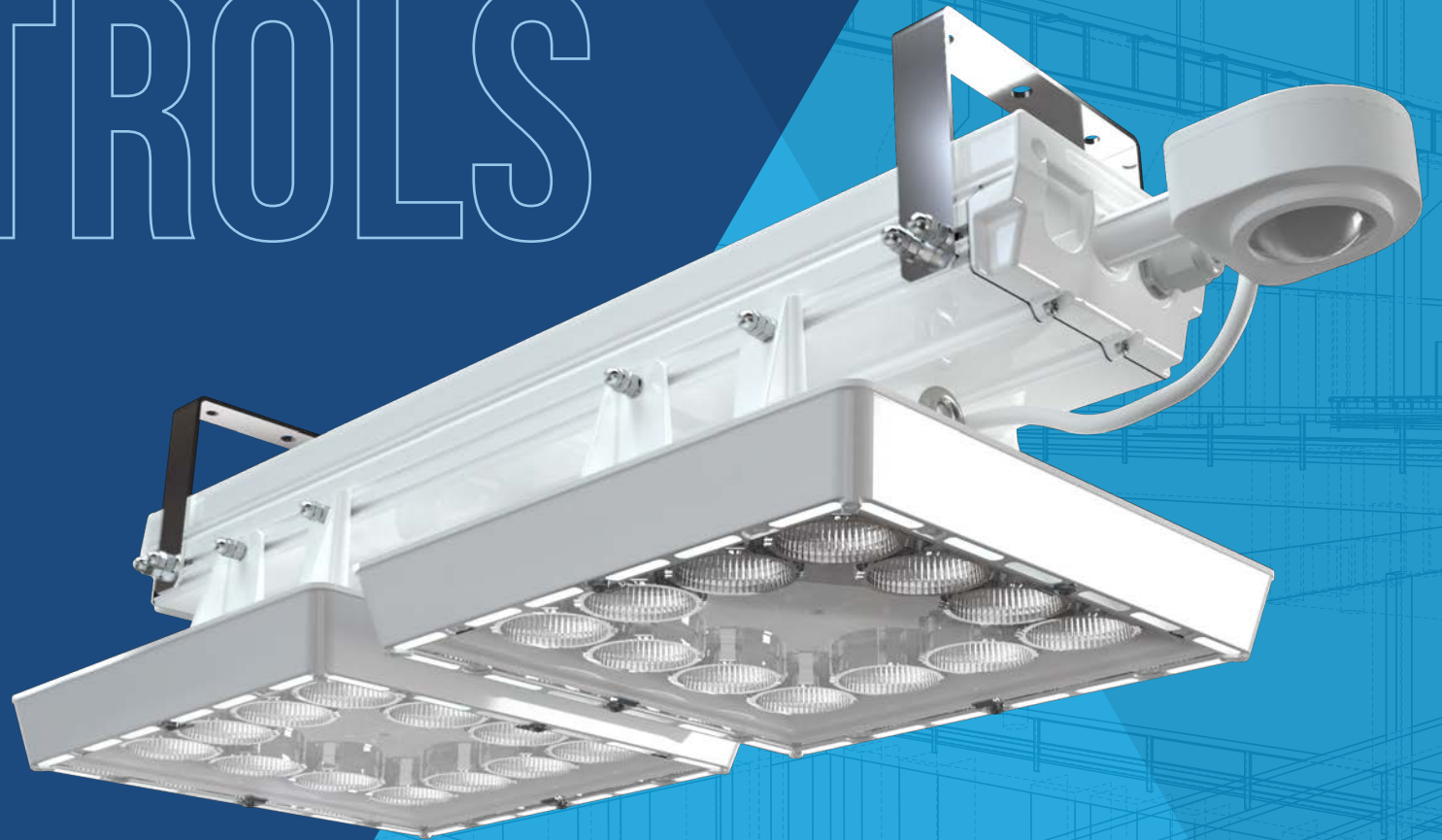


INTERIOR LIGHTING CONTROLS




HOLOPHANE[®]


**MADE IN
BRITAIN**[®]

AN ENVIABLE REPUTATION THROUGHOUT THE WORLD

When Holophane was founded in 1896 in London, headed by Pelham Trotter, it marked the start of an incredible history that has now seen Holophane become a global business revered throughout the world for its expertise, quality, innovation and excellence in lighting.

Holophane's first product was the famous patented globe in 'white' or 'rose crystal' that

was sold for around 2 shillings (10p). Today, Holophane continues this proud tradition with our values deeply rooted in the dedication to creating luminaires, with exceptional lighting performance, innovative patented technologies, and delivering added customer value beyond illumination.

125 years of 
Innovation & Excellence

WHAT DOES IT MEAN FOR OUR CUSTOMERS?



A Trusted & Reliable UK Manufacturer

From Royalty all the way to small residential projects, HoloPhane has been a trusted manufacturer over the decades for all manner of projects. You can be sure you are in good hands and can rely on the collective knowledge and expertise we have gathered since our inception in 1896.

Development of Innovative Products

As part of our design philosophy, HoloPhane are always trying to push boundaries in the development of unique product innovations. As such many of our luminaires hold UK and International design patents.

Products That Deliver Added Value

In today's world, sustainability and added value are becoming increasingly important. As such our products and solutions go further than just lighting. Many of our innovations include integrated smart connected solutions to help customers achieve further energy savings and can also enable remote monitoring.

Delivering excellent customer service

Over our 125-year history we have always been committed to delivering the best service to our customers and supporting in a myriad of ways to ensure the best possible outcomes. This goes as far as offering a free lighting design service to one-off products/solutions to meet customers unique needs.

THE BENEFITS OF CONTROLLED LIGHTING



Tiered Solution

A truly tiered solution, with flexibility to suit any project needs and requirements.



Energy Saving

Even the simplest PIRs can enable a light scheme to save on energy consumption.



Easily Programmed

PIRs are easily programmed via a Remote Programmer or via Holophane's commissioning service.



Scalable

Depending on the solution used, luminaires have the flexibility to adapt to changing environments.



Cloud based

Holophane's HOLOS Air cloud-based solution offers customers maximum functionality and enhanced control of luminaires.



Made in Britain

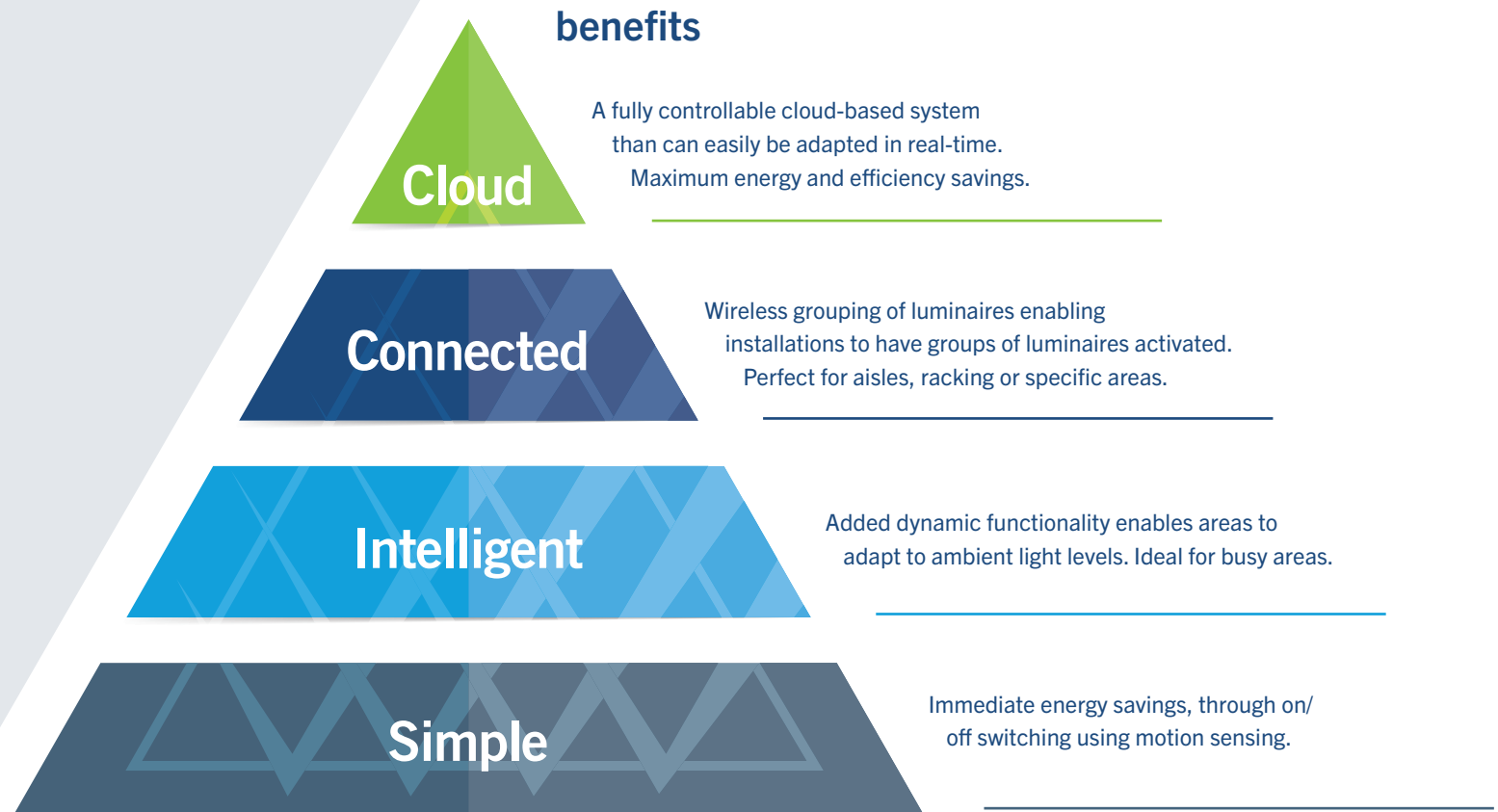
All of Holophane controls solutions are integrated and manufactured in the UK, ensuring compatibility and reliability with our award-winning range of luminaires.

INTERIOR
CONTROLS











FROM SIMPLE TO CLOUD BASED

A solution that works for you

The Holophane controls solution is tiered to offer you a solution to cater for every type of project. Ranging from basic on/off PIRs through to cloud-based controls, Holophane can offer a competitive controls solution to work around your needs.

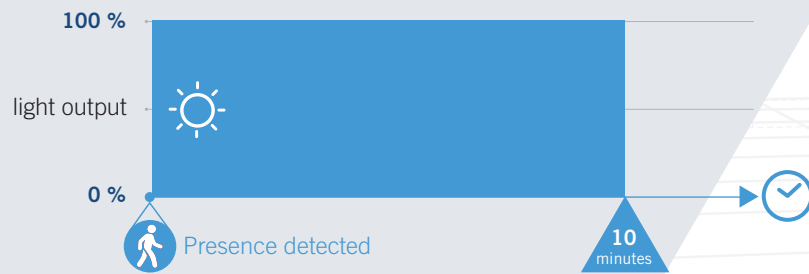


INTERIOR LIGHTING CONTROLS

		What is the functionality?	Mounting Height	Can it be programmed?	Can it be upgraded?
 <p>Cloud HOLOSAir</p>	 <p>We call this control solution HOLOSAir. Holophane's cloud-based system with added digital functionality and enhanced control of luminaires</p>	<ul style="list-style-type: none"> • On/off & dynamic dimming • Wireless grouping of multiple luminaires • Daylight sensing • Web based cloud control and analytics • Emergency reporting • Failure reporting 	Up to 16m*	Yes, Via the Holophane Commissioning service only Note: Requires a HOLOSAir gateway for full functionality	Yes – scalable, upgradeable
 <p>Connected</p>	 <p>All the same features as the intelligent PIR but with added luminaire grouping functionality</p>	<ul style="list-style-type: none"> • On/off & dynamic dimming • Wireless grouping of multiple luminaires • Daylight sensing 	Up to 16m*	Yes, Via the Holophane Commissioning service only.	Yes – only the connected sensor can be upgraded to the cloud tier
 <p>Intelligent</p>	 <p>An intelligent PIR with added dynamic dimming</p>	<ul style="list-style-type: none"> • On/off & dynamic dimming 	Up to 16m*	Yes via remote IR programmer or via the Holophane Commissioning service 	No
 <p>Simple</p>	 <p>A simple on/off PIR</p>	<ul style="list-style-type: none"> • On/off control 	Up to 16m*	Yes via remote IR programmer or via the Holophane Commissioning service 	No

*Dependant on solution specified

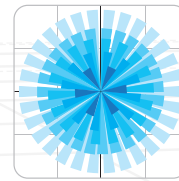
HOW IT WORKS: SIMPLE



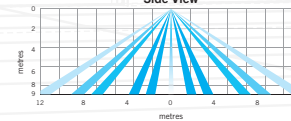
Detection Zone Aspect Ratio: Simple & Intelligent

3X High bay PL

Top View



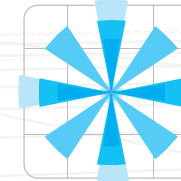
Side View



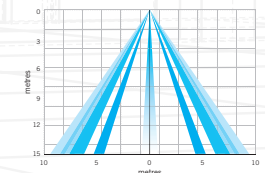
Mounting Height	m	4.5	6.0	8.0	9.0
Max. Coverage Ø	m	13.5	18.0	24.0	27.0

1X High bay PH

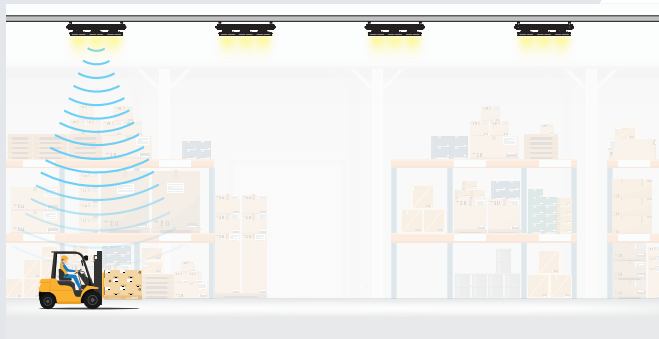
Top View



Side View



Mounting Height	m	9.0	11.0	13.0	15.0
Max. Coverage Ø	m	9.0	11.0	13.0	15.0



Default settings

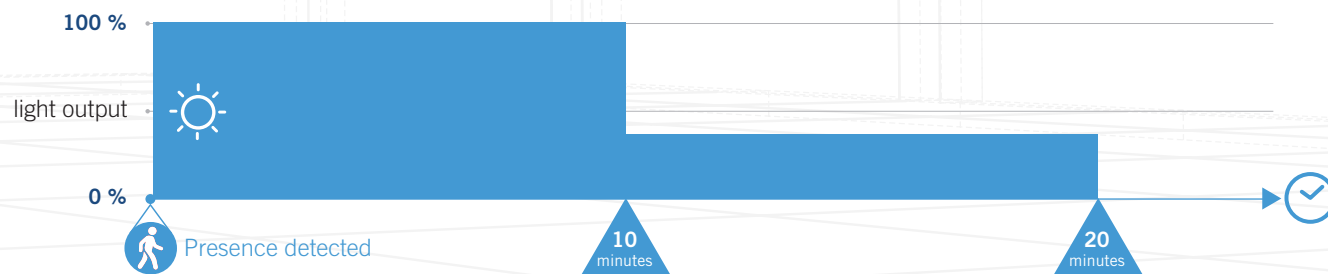
- Switches to 100% when presence is detected.
- Switches off to 0% after 10 minutes of inactivity.**

Note: Default settings can be changed using the Remote Programmer (HEL.PRG) available from Holophane or via Holophane's commissioning service.*

*The Simple PIR settings on a Parkpack luminaire cannot be changed via a remote programmer. These must be set at factory. Please consult your Holophane representative for more information.

** PLO on Parkpack switches off after 20 minutes by default.

HOW IT WORKS: INTELLIGENT



Default settings

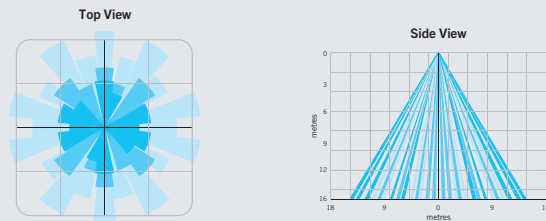
- Switches to 100% when presence is detected.
- Dims to 30% after 10 minutes of inactivity.
- Switches off to 0% after a further 10 minutes of inactivity.

Note: Default settings can be changed using the Remote Programmer (HEL.PRG) available from Holophane or via Holophane's commissioning service.

HOW IT WORKS: CONNECTED

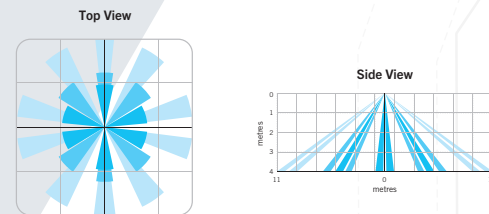
Detection Zone Aspect Ratio: Connected

WIL PIR



Mounting Height	m	7.0	8.0	8.29	9.0
Max. Coverage Ø	m	14.65	16.74	17.32	15.87

WIH PIR



Mounting Height	m	12.0	13.0	14.0	14.57	15.0
Max. Coverage Ø	m	14.42	15.62	16.82	17.51	16.0

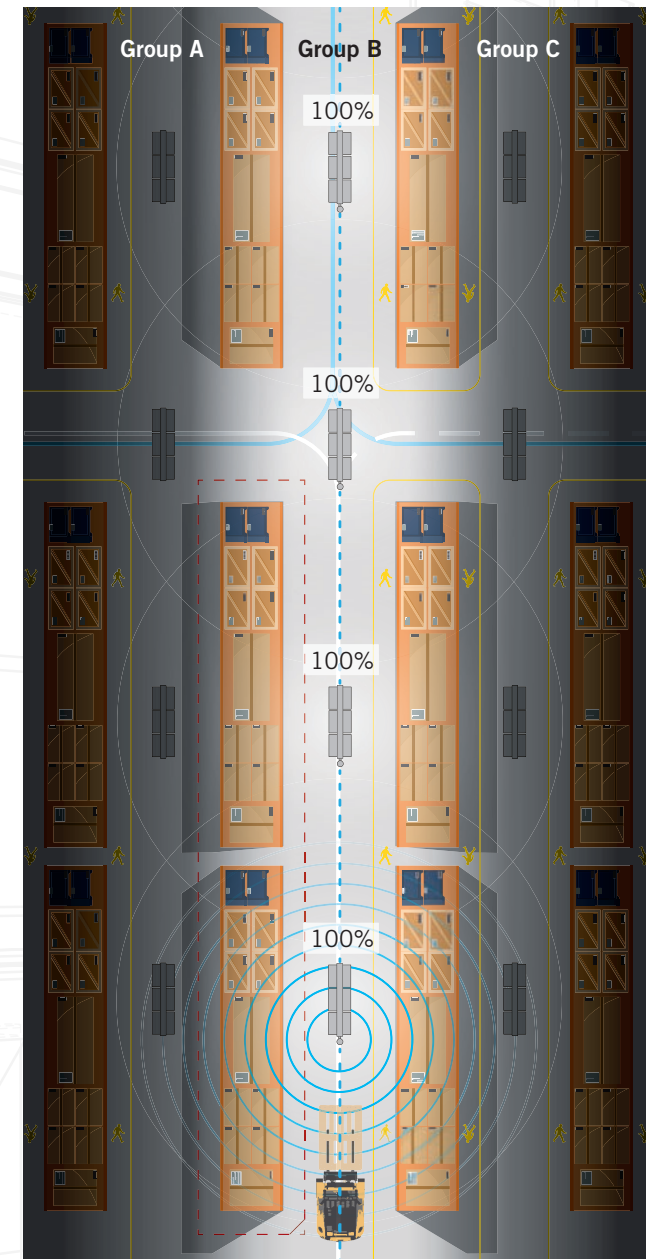
Default settings

- All settings to be defined before point of order and are bespoke to each project. Please consult your Holophane Representative.

Wirelessly Grouped Luminaires

Luminaires can be grouped as needed depending on project requirements. When a luminaire detects presence all luminaires in the group will be switched to a predefined output.

Note: Requires Holophane's commissioning service.



HOW IT WORKS: CLOUD

Take control

HOLOSAir is a cloud-based, wireless control, monitoring and management system for lighting. It gives users the freedom to configure and completely control their own lighting to maximise energy savings and reduce carbon emissions.

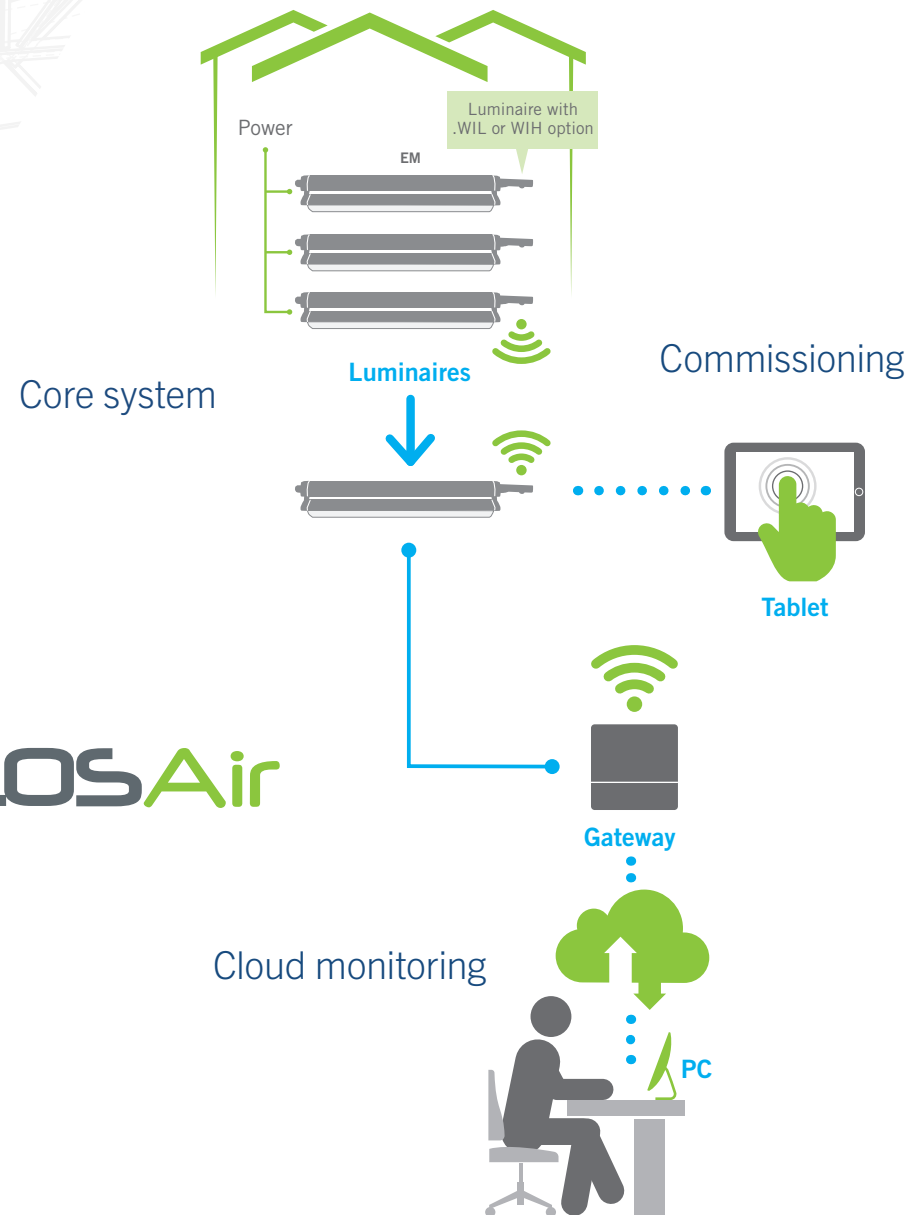
HOLOSAir enables lighting installations to be altered at the touch of a button to meet a building's changing needs.

HOLOSAir enables a variety of control strategies to be employed, for example:

- Daylight harvesting
- Occupancy sensing
- Time scheduling
- Scene setting
- Emergency reporting
- Failure reporting

For more detailed information on HOLOSAir please contact your Holophane representative or visit: www.holophane.co.uk

HOLOSAir



HOLOPHANE LUMINAIRE COMPATIBILITY

A luminaire and control solution for any interior project.

The Holophane controls solution has been tested for compatibility and seamlessly integrated into Holophane's core range on interior luminaires.

A luminaire and control solution for any interior project

The core range enables you to have the flexibility to choose the best luminaire and couple it with the right control solution. Catering for a range of needs and requirements of interior projects.



HI-BEAM

HI-BEAM is the next generation in LED high-bay lighting. Specifically designed for aisle and racking applications, HI-BEAM delivers outstanding lighting performance to Warehousing and Logistics Centres.

Applications

- Warehouses
- Logistics Centres
- Sheds
- Racking and Aisles



Up to
40,000 lm



Up to 167 lm/W
luminaire



Colour Temperature
4000K - 80CRI



From 3.7kg to
6.8kg



Ta
-10°C to +40°C
* Ta of +25°C for
Emergency versions



100,000 hour life
L90B50



PARKPACK®

Parkpack® Utility is a versatile luminaire suited for a range of applications from Multi-Story Car Parks to Tunnels. Parkpack's design advantage is its ability to offer a range of flexible mounting options, to aid easy installation, and also ensure an easily maintainable luminaire system.

Applications

- Multi-storey car parks
- Canopies
- Tunnels



Up to 8,000 lm

Up to 133 lm/W luminaire

Colour Temperature
4000K - 70CRI
3000K - 70CRI

4.5kg

Ta
-25°C to +45°C

100,000 hour life
25°C



PRISMASPACE

Prismaspace™ takes commercial interior lighting to new levels of flexibility with superior light control. The solution combines the latest in highly efficient mid-power LEDs with the distinguished dynamics of Holophane's durable prismatic optics. Combined to deliver unparalleled uniformity and the best in class Adaptable Lighting Solution.

Applications

- Warehouses
- Logistics Centres
- Industrial Areas
- Assembly Areas
- Retail Stores



Up to 40,000 lm

Up to 179 lm/W luminaire

Colour Temperature
4000K - 80CRI

Up to 4.6kg*
including gear
* Dependant on lumen version

Ta
-20°C to +55°C
* Ta of +25°C for Emergency versions

140,000 hour life
L70B50



PRISMPACK™

The new Prismapack™, inspired by our history and markedly different, takes the lumen output of high bay luminaires to a whole new level with the help of superior lighting control. It contains the latest highly efficient LEDs and sets new standards for digital hall lights. The new generation of Prismapack provides solutions that can be completely tailored to specific customer applications.

Applications

- Heavy Industry
- Factories
- Manufacturing
- Foundries
- Warehouses
- Assembly Areas
- Exhibition Halls
- Sports Halls



Up to 120,000 lm

Up to 150 lm/W luminaire

Colour Temperature
4000K - 80CRI
5000K - 80CRI
6500K - 80CRI

7.1kg - 39.8kg*
* Dependant on lumen version

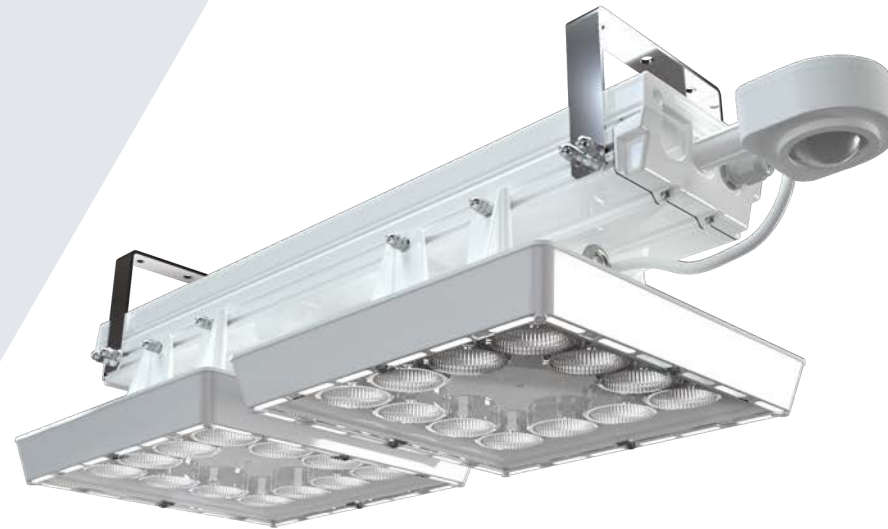
Ta
-20°C to +70°C**
** Up to 70°C with High Ambient Version. Max output of 60,000lm

100,000 hours at 45°C
50,000 hours at 70°C
L70B50

HOW TO SPECIFY A SIMPLE OR INTELLIGENT PIR

The Holophane **Simple** or **Intelligent** PIRs use a specific coding structure. Please consult the information to the right to enable easy specification of our controls.

These PIRs have fixed functionality are not upgradable to achieve **Connected** or **Cloud** functionality.



Example Luminaire Code

PPS.LM1048.M1.WD.C1.LRD.PH0

.PH0

1st Letter

'P' denotes a PIR device

2nd Letter

Defines at what mounting height the PIR can operate to.

L = Low mounting height under 4m

H = High mounting height

4m - 16m

3rd Digit

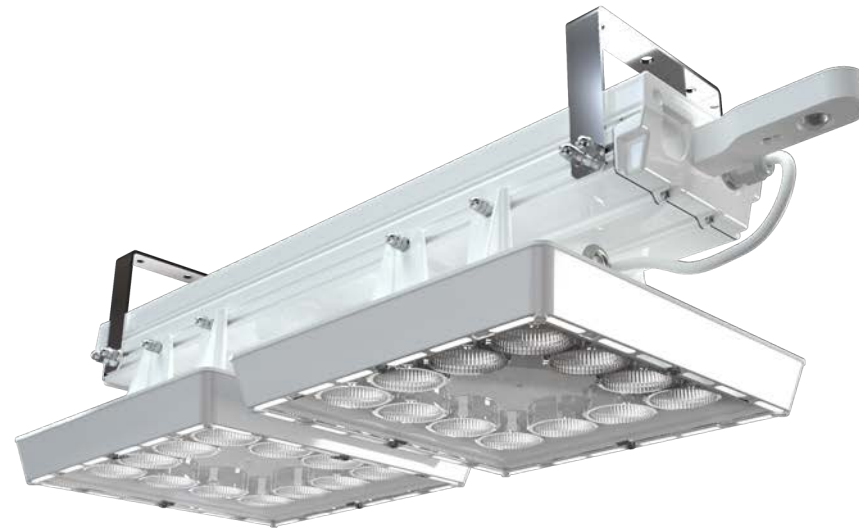
Denotes either a simple or intelligent PIR

0 = Simple PIR

1 = Intelligent PIR

HOW TO SPECIFY CONNECTED OR CLOUD SYSTEM

The Holophane **Connected** PIRs or **Cloud** system use a specific coding structure. Please consult the information to the right to enable easy specification of our controls. If you have specified a **Connected** PIR it can be upgraded to the **Cloud** system.



Example Luminaire Code

PPS.LM1048.M1.WD.C1.WIH

.WIH

+

HSA.GATE

As an accessory

Connected

With just WIH or WIL at the end of a luminaire code you will have a Connected PIR device that is groupable.

WIL = Low mounting height under 4m
WIH = High mounting height 4m-16m

Cloud

With the addition of a **HOLOS Air** gateway the PIR will be cloud enabled.

Note:

- 1 Gateway comes with 12 months network subscription for Holophane supplied SIM cards.
- 2 It requires Holophane commissioning service.



INTERIOR LIGHTING CONTROLS



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