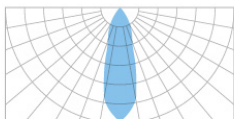# HOLOPHANE
Prismpack Series

PRODUCT DESCRIPTION

Designed to be distinctively different and taking high bay lighting to new levels of lumen output with superior light control, the new Prismpack™ combines the latest in highly efficient LEDs and redefines the standard for digital highbay lighting. The new generation Prismpack delivers solutions that can be totally tailored to specific customer applications.

PERFORMANCE SUMMARY

- Available with lumen ranges from 10,000 to 120,000 (delivered lumens).
- Three distribution options (Narrow, Medium and Wide)
- 4000K, 5000K & 6500K options available.
- CRI > 80.
- Efficacies of up to 150lpw.
- Available with integrated controls.
- System Life – 100,000 Hrs at 45°C
- System Life – 50,000 Hrs at 70°C
- Complies with EN60598
- Rated: IP65
- -25˚C to 70˚C*
- *Max lumen output of 60,000 at TA of 50˚C to 70˚C
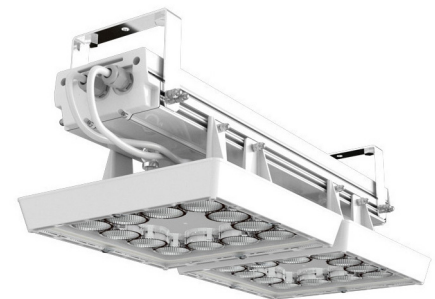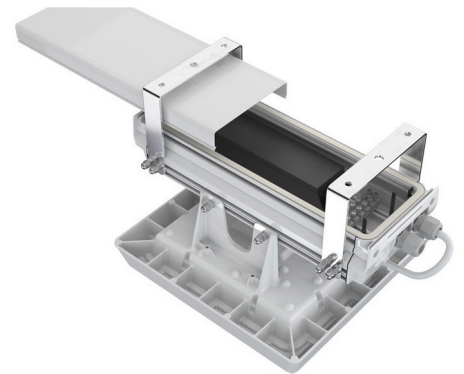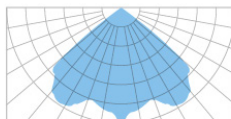- Warranty: 5 years

OPTICS

Narrow 0.5:1 SHR **Medium** 1:1 SHR **Wide** 1.6:1 SHR

HOLOPHANE
Prismpack Series

TYPICAL LUMINAIRE PERFORMANCE

Configuration	Delivered Lumens*	LED Modules	Drivers	Power Usage (W)	Luminaire Efficacy (lpw)	Rated Life of LED Module (L70B50 @tq 40°C)
Standard Version						
PPS.LM1048.M1	9,600	1	1	64	150	100,000 hrs
PPS.LM2048.M1	19,100	1	1	138	139	100,000 hrs
PPS.LM2048.M2	19,700	2	2	131	150	100,000 hrs
PPS.LM3048.M2	29,600	2	2	204	145	100,000 hrs
PPS.LM3048.M3	29,500	3	3	197	150	100,000 hrs
PPS.LM4048.M2	38,200	2	2	276	139	100,000 hrs
PPS.LM4048.M4	39,900	4	4	266	150	100,000 hrs
PPS.LM5048.M3	49,700	3	3	348	143	100,000 hrs
PPS.LM6048.M3	57,400	3	3	414	139	100,000 hrs
PPS.LM6048.M6	59,800	6	6	399	150	100,000 hrs
PPS.LM7048.M4	69,900	4	4	494	141	100,000 hrs
PPS.LM8048.M4	76,500	4	4	551	139	100,000 hrs
PPS.LM9048.M6	89,500	6	6	617	145	100,000 hrs
PPS.LM10048.M6	100,000	6	6	701	143	100,000 hrs
PPS.LM11048.M6	109,600	6	6	781	140	100,000 hrs
PPS.LM12048.M6	114,700	6	6	827	139	100,000 hrs

System Life – 100,000 Hrs at 45°C

Configuration	Delivered Lumens*	LED Modules	Drivers	Power Usage (W)	Luminaire Efficacy (lpw)	Rated Life of LED Module (L70B50 @tq 70°C)
High Ambient Version						
PPH.LM1048.M1	9,600	1	1	64	150	100,000 hrs
PPH.LM2048.M2	19,700	2	2	131	150	100,000 hrs
PPH.LM3048.M3	29,500	3	3	197	150	100,000 hrs
PPH.LM4048.M4	39,900	4	4	266	150	100,000 hrs
PPH.LM5048.M6	50,000	6	6	333	150	100,000 hrs
PPH.LM6048.M6	59,800	6	6	399	150	100,000 hrs

System Life – 50,000 Hrs at 70°C (High Ambient Version)

FEATURES & BENEFITS

SCALABLE SYSTEM
Lumen ranges from 10,000 to 120,000 achieved via five system sizes which deliver exceptional ROI for a multitude of applications.

Mounting options to accommodate a variety of onsite installation challenges.

EXCEPTIONAL OPTICAL PERFORMANCE
Incorporates PrismaLED technology which delivers a wholly luminous lit effect that accurately controls the output of the LEDs and reduces glare.

Optimax,™ inspired by Holophane's Superglass optical technology, maximises performance with today's digital technologies. Optimax is designed to deliver a low glare, visually comfortable, efficient lighting system.

ENHANCED LUMEN MAINTENANCE
Vertical ventilation slots in the luminaire heat-sink convect heat from the housing and creates air movement away from the glass optic to minimise dirt accumulation on the optical surface.

The glass lens ensures a low electrostatic charge which make it less susceptible to dust and dirt accumulation so improving dirt depreciation over time. This means that higher value Maintenance Factors, MF, can be used in design calculations.

FULLY CONTROLLABLE
Integrated Control options.

Compatible with HOLOSAir Lite, HOLOSAir and HOLOS Wired.

ORDERING INFORMATION

Code	Luminaire (required)
PPS	Prismpack
PPH	Prismpack High Ambient (Suitable for up to 70°C)

Code	Lamp Type (required)
.LM10X8	LED light engine producing c.10,000 lm with a nominal 4000K colour temperature
.LM20X8	LED light engine producing c.20,000 lm with a nominal 4000K colour temperature
.LM30X8	LED light engine producing c.30,000 lm with a nominal 4000K colour temperature
.LM40X8	LED light engine producing c.40,000 lm with a nominal 4000K colour temperature
.LM50X8	LED light engine producing c.50,000 lm with a nominal 4000K colour temperature
.LM60X8	LED light engine producing c.60,000 lm with a nominal 4000K colour temperature
.LM70X8*	LED light engine producing c.70,000 lm with a nominal 4000K colour temperature
.LM80X8*	LED light engine producing c.80,000 lm with a nominal 4000K colour temperature
.LM90X8*	LED light engine producing c.90,000 lm with a nominal 4000K colour temperature
.LM100X8*	LED light engine producing c.100,000 lm with a nominal 4000K colour temperature
.LM110X8*	LED light engine producing c.110,000 lm with a nominal 4000K colour temperature
.LM120X8*	LED light engine producing c.120,000 lm with a nominal 4000K colour temperature

Replace X with 4 for 4000K, 5 for 5000K and 6 for 6500K

Code	Light Engine (required)	
.M1	1 Module	
.M2	2 Module	Please consult 'typical luminaire performance' table on page 29 to establish lumen and module compatibility
.M3	3 Module	
.M4	4 Module	
.M6	6 Module	

Code	Distribution (required)
.ND	Narrow Distribution
.MD	Medium Distribution
.WD	Wide Distribution

Code	Colour (required)
.C1	Smooth White (RAL9016)
.RAL****	RAL Colour (Customer choice)

Code	Lens (option)
.PGL	Prismatic Glass Lens

Code	Dimming Outputs (option)
.LRD	DALI enabled (any on site controls wiring should be completed in compliance with the respective control system's Installation instructions (and limitations). Holophane cannot be held responsible for the operation of its luminaires with third party control systems)
.CL7	Programmed to deliver 70% of the initial lumens over the life of the luminaire
.CL8	Programmed to deliver 80% of the initial lumens over the life of the luminaire
.CL9	Programmed to deliver 90% of the initial lumens over the life of the luminaire

Code	Emergency (option)
.VDC	Luminaire supplied with internal DC fuse to accept 176-275VDC. Luminaire will dim to 15%.
.EM1*	Self-contained (self-test) 1hr maintained emergency battery and invertor - c.1000 lumens
.EM3*	Self-contained (self-test) 3hr maintained emergency battery and invertor - c.1000 lumens

Code	Controls
.PH0	Integrated PIR, suitable up to 16m. Switches off after 10 minutes of inactivity - switching-only functionality. Remotely re-programmable with accessory HEL.PRG (purchased separately).
.PH1	Integrated PIR, suitable up to 16m. Dims to 30% after 10 minutes of inactivity - switches off after further 10 minutes. Remotely re-programmable with accessory HEL.PRG (purchased separately).
.WIH	Integrated wireless node, supports grouping, suitable up to 16m - includes PIR & photocell (Requires SER.COM.DAY or SER.COM.NIGHT commissioning)
.TZ02*	Complete with 4-Pin Zhaga Socket – 'Bottom' (suitable node/presence detector supplied by others) with weather proof locking top†
.TZP*	Complete with 4-Pin Zhaga Socket – 'Bottom' with a PIR (attached) for 360°, aisle and end of aisle. From 3 to 13 metres mounting. fitted

Code	Guard
.WG	Wire guard

Code	Fixing Method
.CA	Safety Chain Attachment (chain not included)

Code	Enclosure (option)
.SF	Silicon free*

PPS	.LM10X8	.1M	.ND	.C1	.PGL	.LRD	.VDC	.WI	.WG	.CA	.SF

Example

* Not available with PPH. † Not available with .LRD

Note: Luminaire will always be supplied with a universal bracket that allows for surface mounting or suspension mounting (suspension kits available as accessory item). Supplied with 3m flying lead (5-core or 6-core if emergency).
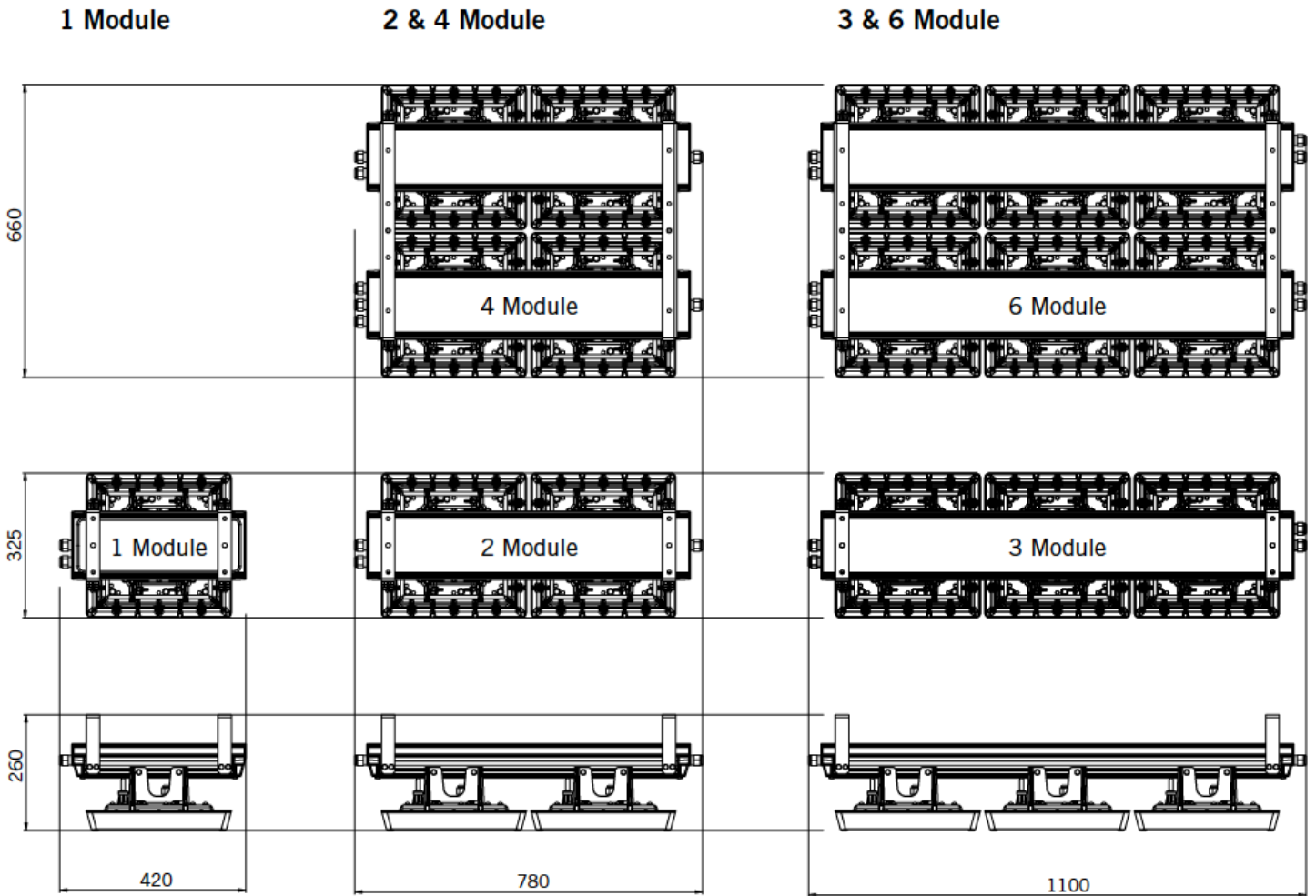
Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturer's data) and luminaire power of +/- 5%.

Accessories
PPS.SUS	Suspension kit (1m) - includes 2 x suspension wire, fixing kit and anti rotation tether for single point suspension
HEL.PRG	Remote programming device. Suitable for luminaires with options PH0/PL1/PH1 PIR devices. Programming range up to 20m.

Advanced Lighting Technologies Australia Inc	Australia	+61 3 9800 5600	www.adlt.com.au
Advanced Lighting Technologies New Zealand Ltd	New Zealand	+64 9 415 6332	www.adlt.co.nz
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ADLT Upload Date 02 05 2022

DIMENSIONS

1 Module   **2 & 4 Module**   **3 & 6 Module**

660

4 Module

6 Module

325

1 Module   2 Module   3 Module

260

420   780   1100
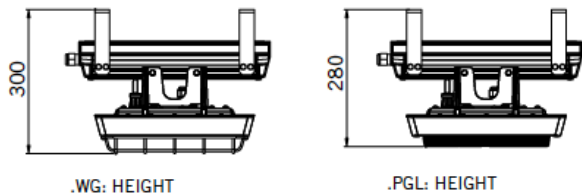
Note: Mechanical dimensions only. Space taken up by led-module to electrical
compartment cabale not included. Please allow an extra 60mm in each side for cable.
Please allow an extra 150mm for side mounted sensor.

dimensions in mm

300

.WG: HEIGHT

280

.PGL: HEIGHT

Weight kg*

1 Module	7.1
2 Module	13.0
3 Module	19.1
4 Module	27.7
6 Module	39.8