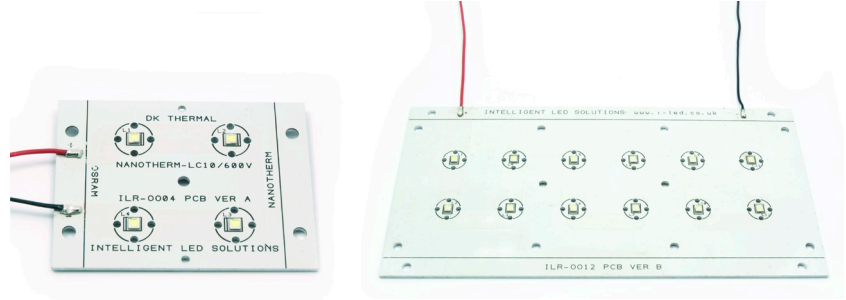


# IHS High Bay 4 & 12 LED Clusters

IHR-XXXX-XXXX-SC2X1-WIR200.

## Product Overview

Designed to work with LEDiLs High Bay and Strada lens the High Bays from IHS allow an extensive range of options available. Two PCBs with over 100 different lens options to work with any Osram Oslon LED. The vast variety of lens will allow you to create the perfect light engine for any high bay/ outdoor lighting. There are two versions of the High Bay PCB offering solutions in a 2x2 format and a 2x6 format. The High Bays will be available in series and parallel format.



## Accessories Designed for the High Bay Cluster

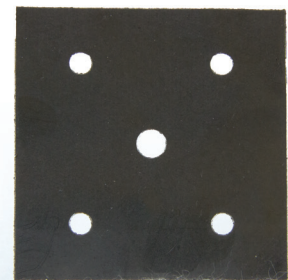


Over 200 LEDiL lens options are designed to work with the 2x2 or 2x6 PCB perfect for inter lighting, vertical farming and high bay illumination. This is also a number of optics that can improve the IP rating of the design.

IHS have produced a range of high-performance, cost effective Thermal Interface Materials (TIM) to perfectly match their standard products.

Our product fills the air pockets between the two surfaces, forming a continuous layer to conduct heat away from the LED to the heatsink. As you'd imagine, this is why it's called thermal interface material.

IHS offer TIM in three options – double sided adhesive, single sided adhesive and no adhesive.



Select from our range of IP rated AC/DC LED drivers suitable for use with our range of LED engines. All tried and tested ready to plug and play...



The majority of the products in this flyer is available for sale through RS. If you require small quantities please go to their website to check stock.

## Product Options

IHS Part Number	Description	Typical Current mA	240-790nm Total radiometric flux	PAR 400-700nm $\mu\text{mol/s}$	PAR 360-780nm $\mu\text{mol/s}$
IHB-XO04-S380-SC221-WIR200.	TSLC N3535U 4 High Bay UV 385nm	350	412 mW	0.07	1.33
IHB-XO04-S390-SC221-WIR200.	TSLC N3535U 4 High Bay UV 395nm	350	452 mW	0.43	1.49
IHB-XO04-S400-SC221-WIR200.	TSLC N3535U 4 High Bay UV 405nm	350	494 mW	1.39	1.68
IHB-XO04-S410-SC221-WIR200.	TSLC N3535U 4 High Bay UV 415nm	350	494 mW	1.63	1.72
IHB-OM04-DEBL-SC221-WIR200.	OSLON 120 4 High Bay Deep Blue 445nm	350	710 mW	2.68	2.68
IHB-OW04-BLUE-SC221-WIR200.	OSLON 150 4 High Bay Blue 465nm	350	576 lm	2.24	2.24
IHB-OM04-TRGR-SC221-WIR200.	OSLON 120 4 High Bay True Green 519nm	350	315 lm	1.38	1.38
IHB-OW04-YELL-SC221-WIR200.	OSLON 150 4 High Bay Yellow 594nm	350	180 lm	0.89	0.89
IHB-OM04-RDOR-SC221-WIR200.	OSLON 120 4 High Bay Amber 617nm	350	505 lm	2.63	2.63
IHB-OW04-RED1-SC221-WIR200.	OSLON 150 4 High Bay Red 625nm	350	444 lm	2.34	2.34
IHB-OM04-HYRE-SC221-WIR200.	OSLON 120 4 High Bay Hyper Red 656nm	350	500 mW	2.73	2.74
IHB-OM04-FRED-SC221-WIR200.	OSLON 120 4 High Bay Far Red 730nm	350	315 mW	0.26	1.89
IHB-OW04-HW90-SC221-WIR200.	OSLON 150 4 High Bay Hot White 2700K 90 CRI	350	322 lm	1.47	1.60
IHB-OW04-WM80-SC221-WIR200.	OSLON 150 4 High Bay Warm White 3000K 80 CRI	350	421 lm	1.92	2.06
IHB-OW04-QZ90-SC221-WIR200.	OSLON 150 4 High Bay Quartz White 3500K 90 CRI	350	347 lm	1.57	1.68
IHB-OW04-NW80-SC221-WIR200.	OSLON 150 4 High Bay Neutral White 4000K 80 CRI	350	1410mW	6.4	6.63
IHB-OW04-WH80-SC221-WIR200.	OSLON 150 4 High Bay White 5000K 80 CRI	350	465 lm	2.05	2.14
IHB-OW04-UL70-SC221-WIR200.	OSLON 150 4 High Bay Ultra White 6500K 70 CRI	350	492 lm	2.13	2.19
IHB-OG04-DEBL-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Deep Blue 445nm	700	4972 mW	18.75	18.77
IHB-OG04-HYRE-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Hyper Red 656nm	700	3500 mW	19.09	19.15
IHB-OG04-HW90-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Hot White 2700K 90 CRI	700	2244 lm	10.27	11.19
IHB-OG04-WM80-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Warm White 3000K 80 CRI	700	2937 lm	13.40	14.37
IHB-OG04-QZ90-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Quartz White 3500K 90 CRI	700	2429 lm	10.98	11.76
IHB-OG04-NW80-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Neutral White 4000K 80 CRI	700	3020mW	13.72	14.21
IHB-OG04-WH80-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay White 5000K 80 CRI	700	3254 lm	14.37	15.00
IHB-OG04-UL70-SC221-WIR200.	OSLON Square 3rd Gen 4 High Bay Ultra White 6500K 70 CRI	700	3448 lm	14.95	15.36
IHB-XO12-S380-SC221-WIR200.	TSLC N3535U 12 High Bay UV 385nm	350	4944 mW	0.85	15.95
IHB-XO12-S390-SC221-WIR200.	TSLC N3535U 12 High Bay UV 395nm	350	5424 mW	5.12	17.94
IHB-XO12-S400-SC221-WIR200.	TSLC N3535U 12 High Bay UV 405nm	350	5928 mW	16.72	20.20
IHB-XO12-S410-SC221-WIR200.	TSLC N3535U 12 High Bay UV 415nm	350	5928 mW	19.61	20.63
IHB-OM12-DEBL-SC221-WIR200.	OSLON 120 12 High Bay Deep Blue 445nm	350	8520 mW	32.13	32.17
IHB-OW12-BLUE-SC221-WIR200.	OSLON 150 12 High Bay Blue 465nm	350	6908 lm	26.86	26.91
IHB-OM12-TRGR-SC221-WIR200.	OSLON 120 12 High Bay True Green 519nm	350	3785 lm	16.57	16.57
IHB-OW12-YELL-SC221-WIR200.	OSLON 150 12 High Bay Yellow 594nm	350	2158 lm	10.68	10.68
IHB-OM12-RDOR-SC221-WIR200.	OSLON 120 12 High Bay Amber 617nm	350	6064 lm	31.58	31.58
IHB-OW12-RED1-SC221-WIR200.	OSLON 150 12 High Bay Red 625nm	350	5329 lm	28.08	28.08
IHB-OM12-HYRE-SC221-WIR200.	OSLON 120 12 High Bay Hyper Red 656nm	350	6000 mW	32.73	32.83
IHB-OM12-FRED-SC221-WIR200.	OSLON 120 12 High Bay Far Red 730nm	350	3780 mW	3.14	22.64
IHB-OW12-HW90-SC221-WIR200.	OSLON 150 12 High Bay Hot White 2700K 90 CRI	350	3859 lm	17.66	19.24
IHB-OW12-WM80-SC221-WIR200.	OSLON 150 12 High Bay Warm White 3000K 80 CRI	350	5047 lm	23.02	24.69
IHB-OW12-QZ90-SC221-WIR200.	OSLON 150 12 High Bay Quartz White 3500K 90 CRI	350	4164 lm	18.82	20.17
IHB-OW12-NW80-SC221-WIR200.	OSLON 150 12 High Bay Neutral White 4000K 80 CRI	350	4220mW	19.21	19.89
IHB-OW12-WH80-SC221-WIR200.	OSLON 150 12 High Bay White 5000K 80 CRI	350	5578 lm	24.63	25.71
IHB-OW12-UL70-SC221-WIR200.	OSLON 150 12 High Bay Ultra White 6500K 70 CRI	350	5900 lm	25.58	26.28
IHB-OG12-DEBL-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Deep Blue 445nm	700	14916 mW	56.24	56.32
IHB-OG12-HYRE-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Hyper Red 656nm	700	10500 mW	57.27	57.45
IHB-OG12-HW90-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Hot White 2700K 90 CRI	700	6732 lm	30.81	33.57
IHB-OG12-WM80-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Warm White 3000K 80 CRI	700	8812 lm	40.19	43.12
IHB-OG12-QZ90-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Quartz White 3500K 90 CRI	700	7287 lm	32.94	35.29
IHB-OG12-NW80-SC221-WIR200.	OSLON Square 3rd Gen High Bay Neutral White 4000K 80 CRI	700	9050mW	41.16	42.63
IHB-OG12-WH80-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay White 5000K 80 CRI	700	9761 lm	43.10	44.99
IHB-OG12-UL70-SC221-WIR200.	OSLON Square 3rd Gen 12 High Bay Ultra White 6500K 70 CRI	700	10345 lm	44.85	46.08

## For further information please contact IHS

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Intelligent Horticultural Solutions is a division of Intelligent LED Solutions, focusing on providing LED solutions to the rapidly evolving and highly important horticultural lighting market.