

HI-STYLE MULTIDRIVE

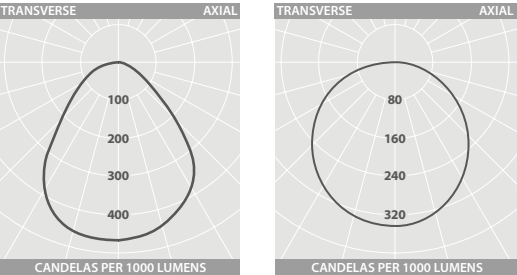
RECESSED
LUMINAIRE
PACKS WITH
MULTIDRIVE AND
WATTAGE SELECT
TECHNOLOGY.



CONFIGURATOR

PRODUCT CODE		WATTAGE		LUMINAIRE QUANTITY		OPTIC		CONTROL TYPE	
HID	Hi-Style MultiDrive	WS	Wattage selector (16/20/24/29W)	02	2 luminaires	O	Opal	S	SmartScan
				03	3 luminaires			A	Dimming (DALI)
				04	4 luminaires			L	Non-dimming
				05	5 luminaires				
				06	6 luminaires				
				07	7 luminaires				
				08	8 luminaires				
				09	9 luminaires				
				10	10 luminaires				
				11	11 luminaires				
					12			12 luminaires	
E.g. HIDWS09LS									
HID	Hi-Style MultiDrive	WS	Wattage selector	09	9 luminaire	L	Low glare	S	SmartScan

PHOTOMETRIC GUIDE



LOW GLARE

Luminaire Lumen Output
16W = 2555lm
20W = 3210lm
24W = 3775lm
29W = 4510lm

OPAL

Luminaire Lumen Output
16W = 2445lm
20W = 3080lm
24W = 3620lm
29W = 4320lm

WEIGHTS

SIZE	APPROX. kg
Primary	4.8
Secondary	3.3
SMARTSCAN - Only available on primary luminaire Add 0.3kg to weight listed.	

HI-STYLE MULTIDRIVE

Low glare version

HIGH PERFORMANCE RECESSED LUMINAIRES

IP40 BELOW CEILING IP20 ABOVE CEILING UK CA CE

TP(a) LED

SPECIFICATION

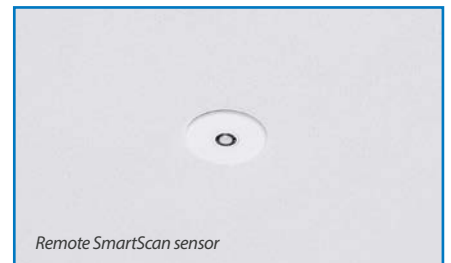
- Steel body finished full polyester non-yellowing satin white (RAL 9016)
- Supplied with polycarbonate TP(a) fire-retardant diffuser
- Low glare optics for EN12464-1 / LG7 (<3000cd/m² @ 65°) or opal option
- Excellent wall and vertical illumination
- Balanced direct/indirect luminance control above 65°
- Suitable for most ceiling types; lay-in or pull up with optional side arm suspensions accessible from below
- Extruded side diffusers give vibrant yet low glare aesthetics
- Ordered in packs based on quantity of luminaires required
- MultiDrive primary luminaire can power up to 2 secondary luminaires
- Secondary luminaires supplied fitted with 4m lead and plug for connection into primary luminaire
- Rapid mains supply installation using Fast-Fix wiring enclosure
- Wattage selectable during installation. See photometric guide for wattage options and lumen outputs
- Fitted with 4000K LEDs

LED CHARACTERISTICS

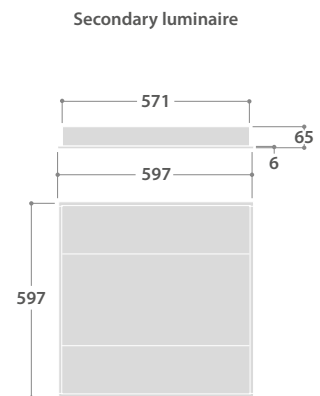
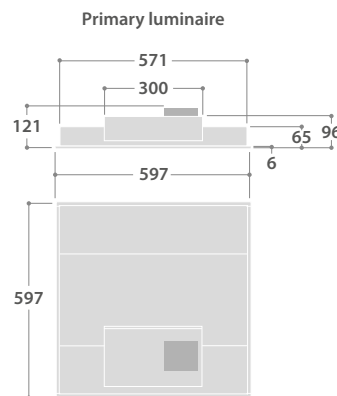
CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>88%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW 151.0

For LED characteristics explanation see www.thorlux.com/led-guide



DIMENSIONS



SmartScan Configurations

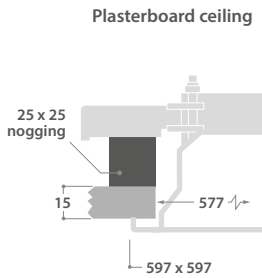
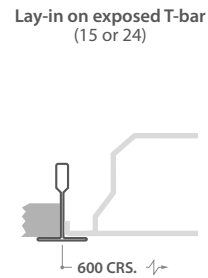
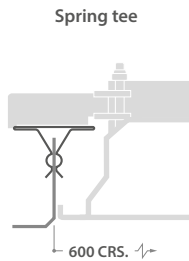
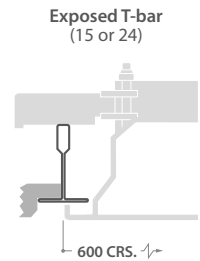
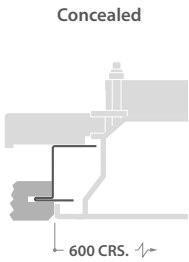
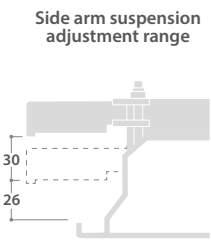


Find out more at www.thorlux.com/smartsan

HI-STYLE MULTIDRIVE



MOUNTING ARRANGEMENTS



ACCESSORIES

DESCRIPTION	CAT. No.
Optional side arm suspension kit ▲	HI 20250

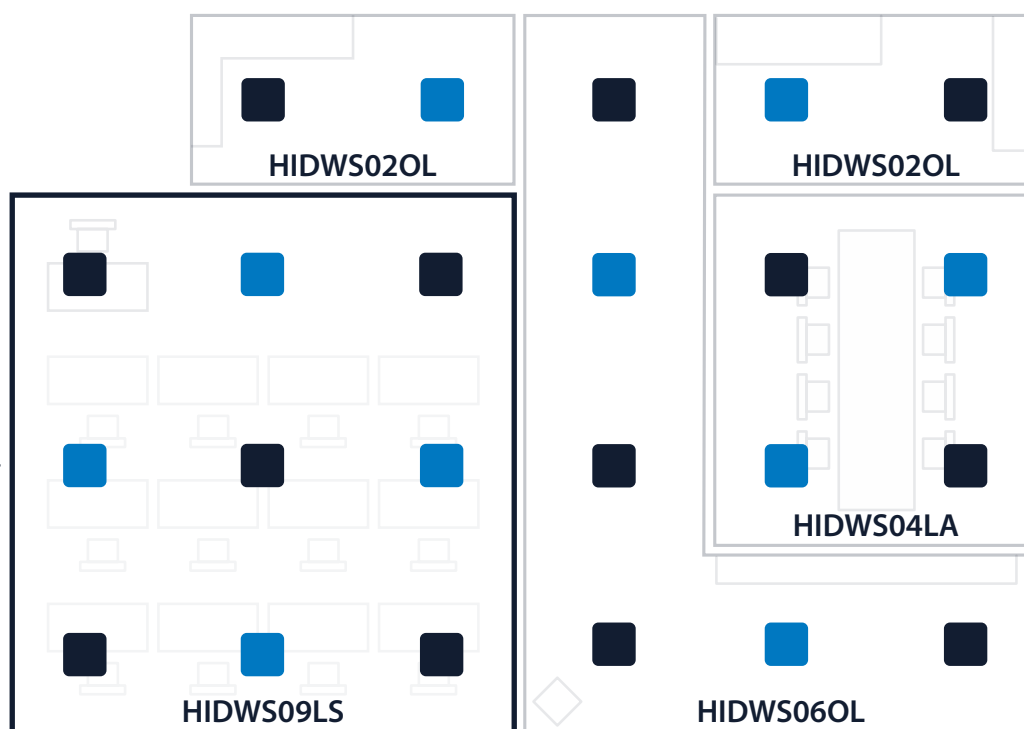
▲ 4 arms per kit - not required for lay-in mounting

Hi-Style MultiDrive

ONE

Room.
Product code.
Solution.

Simply select the quantity of luminaires, the optic and controls required for a room and specify with one product code.



Example kit

HIDWS09LS

Quantity
Nine luminaires

Optic
Low glare

Control gear
SmartScan

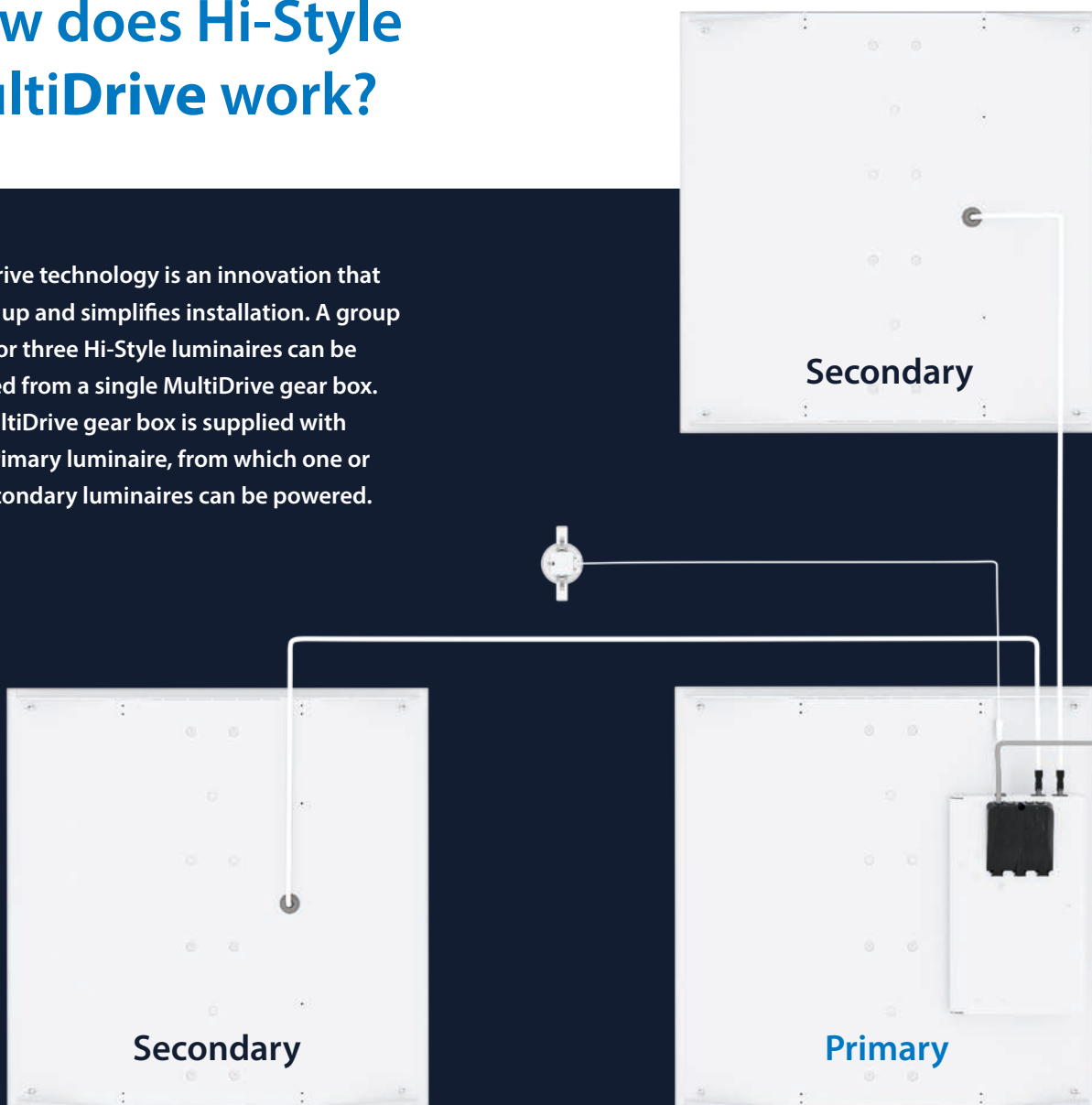


■ Four primary luminaires

■ Five secondary luminaires

How does Hi-Style MultiDrive work?

MultiDrive technology is an innovation that speeds up and simplifies installation. A group of two or three Hi-Style luminaires can be powered from a single MultiDrive gear box. The MultiDrive gear box is supplied with each primary luminaire, from which one or two secondary luminaires can be powered.



Features



Multiple luminaires

One driver to run two or three Hi-Style MultiDrive luminaires resulting in fewer power feeds required per room.



Fast-Fix wiring enclosure

Ensures fast and easy mains power connection without the need to open the luminaire.



Lead and plug connectors

Secondary luminaires are supplied with a 4m lead to plug into the primary luminaire for fast installation.



Multiple wattages

Wattage selector included for ease of specification and adaptability.














Simple ordering

Multiple luminaires supplied in packs per room under one part number for easy ordering.

How to specify Hi-Style MultiDrive?

1 Select luminaire quantity

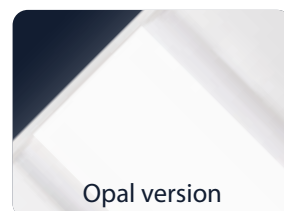
Choose your pack size based on the quantity of luminaires required per room. Maximum 3m spacing between luminaires.

2		1 primary & 1 secondary
3		1 primary & 2 secondary
4		2 primary & 2 secondary
5		2 primary & 3 secondary
6		2 primary & 4 secondary
7		3 primary & 4 secondary
8		3 primary & 5 secondary
9		4 primary & 5 secondary
10		4 primary & 6 secondary
11		4 primary & 7 secondary
12		4 primary & 8 secondary

2 Select Optic

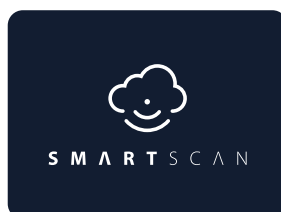
Choose between opal or low glare optics.

Working environments such as teaching and office spaces should require low glare luminaires.



3 Select Control type

Decide control gear option.



4 Optional

Emergency provision is provided via an independent Firefly emergency downlight (to be ordered separately).

Click or scan to view



Emergency downlight

How to connect Hi-Style MultiDrive?

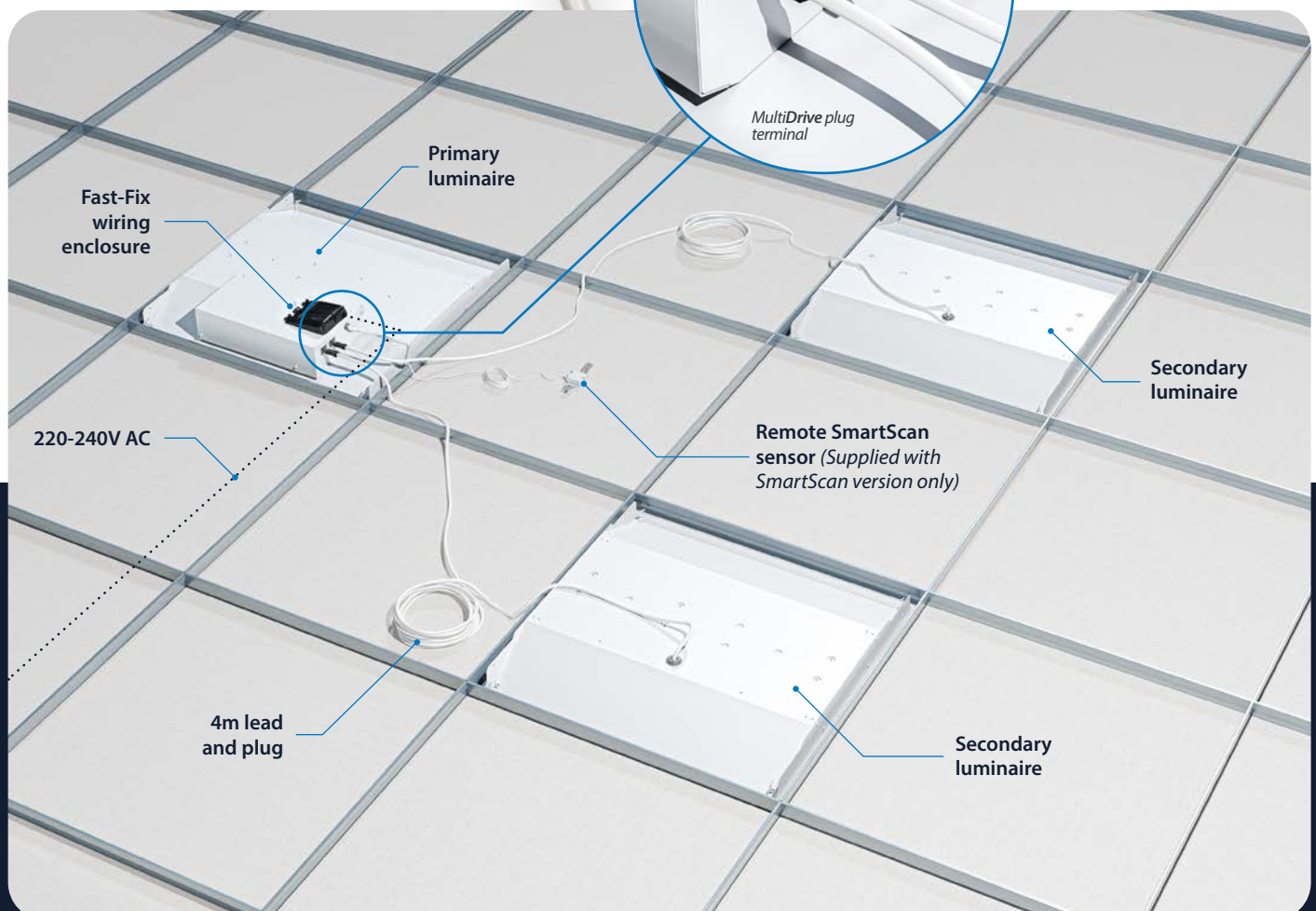
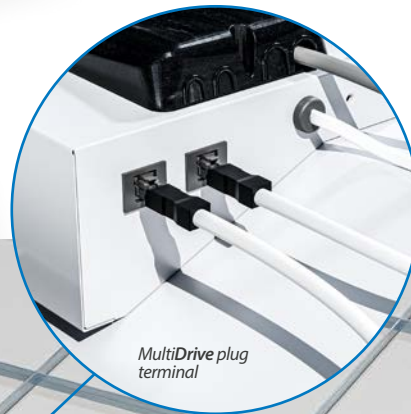
Each primary luminaire is supplied with a Fast-Fix wiring enclosure to speed up and simplify installation without the need to open the luminaire body or gear box. The Fast-Fix wiring enclosure contains screwless easy-fit terminals for simple and secure wiring.

Secondary luminaires are supplied fitted with a 4m lead and plug. Simply plug the secondary luminaire into the primary luminaire.

Set the wattage selector to match the desired light level (see page 8 for recommended wattage settings).

The wattage selector can be set to one of four pre-determined wattages.

Fast-Fix wiring enclosure



Recommended wattage selector settings

The table below provides guidance of wattage settings based on luminaire spacings, room ceiling height and target illuminance.

Luminaire spacing - 2.4m x 2.4m

	Low glare version		Opal version	
Ceiling height	 300 lux	 500 lux	 300 lux	 500 lux
2.4m	16W (340 lux)	24W (502 lux)	16W (307 lux)	29W (543 lux)
2.6m	16W (326 lux)	29W (575 lux)	16W (297 lux)	29W (520 lux)
2.8m	16W (313 lux)	29W (552 lux)	20W (357 lux)	29W (501 lux)
3.0m	16W (302 lux)	29W (533 lux)	20W (344 lux)	29W (482 lux)

Luminaire spacing - 2.4m x 3.0m

	Low glare version		Opal version	
Ceiling height	 300 lux	 500 lux	 300 lux	 500 lux
2.4m	16W (307 lux)	29W (542 lux)	16W (354 lux)	29W (497 lux)
2.6m	20W (371 lux)	29W (521 lux)	20W (341 lux)	29W (478 lux)
2.8m	20W (358 lux)	29W (503 lux)	20W (329 lux)	29W (461 lux)
3.0m	20W (348 lux)	29W (489 lux)	20W (318 lux)	29W (446 lux)

Based on a 60m² room. All uniformities above 0.6. Reflectances 70/50/20.

