



Downlights





Decorative and architectural designed downlight systems.



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Decorative and architectural designed downlight systems.





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Decorative and architectural designed downlight systems.

DOWNLIGHTING DESIGN GUIDE

INTRODUCTION

Downlights are extremely widely used, and are preferred by many designers for general lighting (even in offices) as they allow the illumination of rooms and surfaces without the use of large linear fluorescent fixtures.

Downlights also allow exciting visual effects to be created, where the light distribution pattern and/or objects illuminated are prominent and yet the light sources themselves remain virtually invisible.

The correct choice of downlight to suit the application is important - large and powerful units may be too conspicuous and/or cause glare, numerous smaller units may be prohibitively expensive to install and maintain.



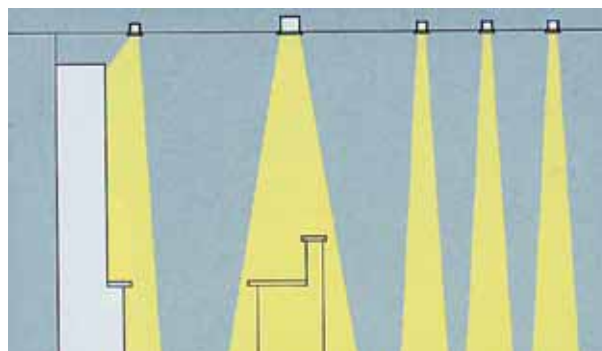
LIGHT SOURCES

The first step in the design process is usually to choose the type of lamp to be used, yet initial cost is only a minor consideration - far more important are the ongoing costs for electricity (resulting from the efficiency of the lamp and downlight) and maintenance

(lamp life and replacement costs) as even within the first year of operation these will usually surpass the initial luminaire costs.

These financial aspects must be balanced against the suitability for the lamp for the task - for example High Pressure Sodium lamps have excellent life (20-25,000 hrs) and are moderately priced, yet their "yellow" colour and poor colour rendering properties makes them unsuitable for many applications.

The size of the downlight and its control of light distribution and glare are directly related to the size of the lamp used. Small lamps like Low Voltage Tungsten Halogen and Metal Halide allow for a smaller sized downlight, however larger coated discharge lamps and Compact Fluorescents definitely have advantages (see section on Glare).



Exciting effects can be created by deliberately increasing the contrast with narrow beam angles and wide spacing

DESIGNING WITH DOWNLIGHTS

In this catalogue we provide cone diagrams typical for each model range. Unfortunately space limitations prevent the listing of full details for all configurations, so contact Pierlite for full photometric data.

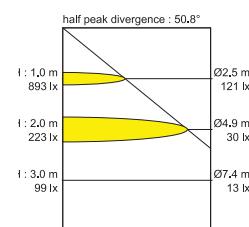
Light Distribution

Downlights are available in a wide range of beam angles. Narrow beam units are better suited to special effects & wider beams preferred for general illumination.

Narrow-beam units are not always required for high ceilings - for general lighting a better result (with similar illumination levels) can be created using wide-beam models.

Placement and Spacing

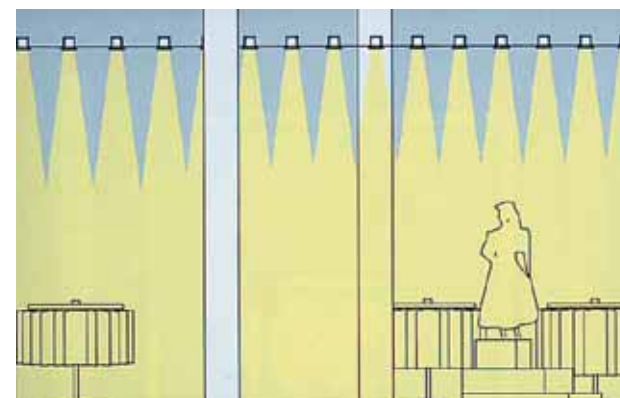
The most accurate model of determining the optimum layout is through the use of computer-based lighting calculations, however a preliminary decision may be made using the cone diagrams in this catalogue.



For example - general lighting in a room with a 2.7m ceiling (using adjacent cone diagram):

These down-lights should be installed a maximum of 2.5m apart to ensure that there is sufficient light at eye-level (say 1.7m AFL, or about 1m below the ceiling).

At a desk height of 0.7m (2m below the ceiling) each downlight provides about 220 Lux, plus a contribution of about 30 Lux from each adjacent luminaire.



For general lighting downlights should be installed so that the beam overlap is above normal eye level



DESIGN CONSIDERATIONS

Glare

Glare occurs when one part of the interior is much brighter than the general brightness in the area. The main disadvantage of small yet powerful downlights is glare, since the apparent brightness (luminance) of a luminaire is defined as the light intensity in a certain direction per unit of area (usually cd/m^2).

Glare is sometimes deliberately used to create an exciting effect, especially in shops and other areas where people visit for short periods. However, glare is unacceptable within an office environment or similar work area.

Whilst a few widely spaced high-output luminaires often satisfy the light levels for general lighting of work surfaces, the use of closely spaced larger or less powerful units will provide a far more comfortable & user-friendly visual environment.



Gloom

Gloom may be a problem where downlights are used for general lighting. Our perception of the "brightness" of a space is primarily based upon the vertical illumination levels - areas lit only with downlights may appear dark and gloomy even though the horizontal light levels (calculated in accordance to standards) is more than sufficient.

Usually the most successful and economical solution to a dark and gloomy interior is not to increase the horizontal light levels to attempt to compensate, but to ensure that the perimeter walls are brightly and evenly illuminated with wall-washers.



Starburst® ECO

The Starburst ECO offers an economical LED choice, with amazing performance.



Specifications

- 'Binnless' LED's which offers easy colour matching between our Starburst and Starburst PRO ranges
- 50,000 hour average life, with an impressive 3 year system warranty
- Dimmable with conventional phase control dimming systems
- 8 lamp watts (total system wattage of 11 Watts)
- 3000K and 4000K, CRI >85,
- 520Lm performance
- 45 degree beam distribution
- Compliant with AS/NZSCISPR15, IEC/EN61347.2.13
- Complete with dimmable driver and flex & plug
- Available in Gimble and Fixed downlights with a choice of white or satin chrome finishes
- Go to the Download section / Installation Instructions to view Approved Dimming Systems)



Quick Spec

Pierlite LED downlight, fixed or adjustable, 520Lm, 45° beam and dimmable driver.

Design Applications

Ideal for residential apartments, foyers, retail, restaurants and clubs where an energy efficient and reliable lamp performance is essential.

Performance

- 3000K, 45°, 8 watt
- For approved dimming systems see www.pierlite.com
- Total system is 11 watt
- Secondary cable length 800mm
- Flex and plug included
- CRI>80
- 47Lm/watt

Moving with e-Technology

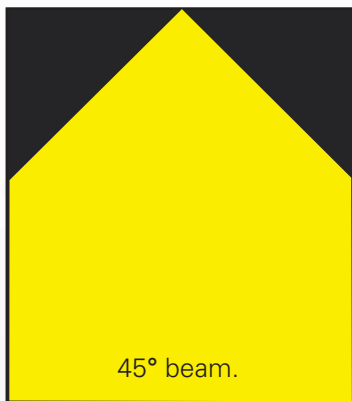
Keeping up with technology is what Pierlite does best. Try the new Energy calculator application on your iPhone, iPad or Blackberry, with easy navigation it makes energy evaluation simple.



Product Codes

Code	Version	Dim (mm)	Mass (kg)
92mm Cut-out, Gimble			
STARBURSTECO1	3K, 45° WH Gimble	105 x 100	0.4
STARBURSTECO2	3K, 45° S/Chrome Gimble	105 x 100	0.4
70mm Cut-out, Fixed			
STARBURSTECO3	3K, 45° WH Fixed	80 x 100	0.4
STARBURSTECO4	3K, 45° S/Chrome Fixed	80 x 100	0.4





50,000
Hours



Dimmable

ta50



- Available as a white or satin chrome gimble, or fixed white and satin chrome downlight.
- Conveniently packaged with flex and plug.



Starburst®

The New Starburst 700Lm offers a higher performing LED package with two colour options, 3000K and 4000K.



Specifications

- 'Binnless' LED's which offers easy colour matching between our Starburst and Starburst PRO ranges
- Integral thermal management system
- 50,000 hour average life, with an impressive 3 year system warranty
- Dimmable with conventional phase control dimming systems
- 12 lamp watts (total system wattage of 16W)
- 3000K and 4000K, CRI >85, >700Lm performance
- 54 degree beam distribution
- Compliant with AS/NZSCISPR15, IEC/EN61347.2.13
- Complete with dimmable driver and flex & plug
- Available in Gimble and Fixed downlights with a choice of white or satin chrome
- Go to the Download section / Installation Instructions to view Approved Dimming Systems)

STARBURST®



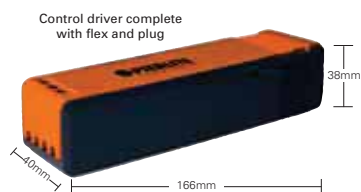
Quick Spec

Pierlite Starburst is available in fixed or adjustable formats, 3000K or 4000K 12W > 700Lm, 54 degree beam distribution.

Design Applications

Residential, Apartments, Lobbies, Foyers, Retail, Restaurants, Bars and clubs where an energy efficient and reliable lamp life is essential.

Performance



- 3000K and 4000K, 54°, 12W.
- For approved dimming systems see www.pierlite.com
- Integral thermal management system.
- Multi-year warranty, see product carton and website for installation and warranty details.
- Total system is 16W.
- For latest photometrics, download from www.pierlite.com

Lighting Council AUSTRALIA Brand Name: Pierlite Supplier/Product ID: 014/1004

LED Performance

Solid State Lighting Luminaire

Luminous Flux	700 lm
Luminous Efficacy	44 lm/W
INPUT POWER	16 W
TEST VOLTAGE 240V AC	
Colour	
Correlated Colour Temperature (CCT)	3000 K
Colour Rendering Index (CRI, Ra)	85
LIGHT COLOUR	3000 (WARM WHITE)
Correlated Colour Temperature (CCT)	
2700K	3200K
4000K	6500K
WARM WHITE	COOL WHITE
VISIT www.lightingcouncil.com.au for the Label Reference Guide	
The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
STAR1	3K 54°, WH Gim, Driver f & p	105 x 100	0.5
STAR2	3K 54°, S/Ch Gim, Driver f & p	105 x 100	0.5
STAR3	3K 54°, WH Fix, Driver f & p	80 x 100	0.5
STAR4	3K 54°, S/Ch Fix, Driver f & p	80 x 100	0.5
STAR5	4K 54°, WH Gim, Driver f & p	105 x 100	0.5
STAR6	4K 54°, S/Ch Gim, Driver f & p	105 x 100	0.5
STAR7	4K 54°, WH Fix, Driver f & p	80 x 100	0.5
STAR8	4K 54°, S/Ch Fix, Driver f & p	80 x 100	0.5





Integral thermal management system.



White fixed, white gimble.



Satin chrome fixed, satin chrome gimble.

Don't be fooled by laughable claims. Our SSL label proves what we say.

- Available as a white or satin chrome gimble, or fixed white and satin chrome downlight.
- Conveniently packaged with flex and plug.



**Comparison = standard MR16/50w 590cd dichroic lamp.



Calculate your energy savings, try our energy calculator application on your iPhone, iPad or Blackberry, with easy navigation it makes energy evaluation simple.



Starburst® PRO

Dimmable LED downlight offering 1000Lm high performance complete package



Specifications

- 'Binnless' LED's which offers easy colour matching between our Starburst and Starburst PRO ranges
- 50,000 hour average life, with an impressive 3 year system warranty
- Integral thermal management system
- High Lumen output of 1000 Lm
- 54 degree beam distribution offers both fixed and adjustable formats, satin chrome or white finish
- Dimmable 650mA driver, refer pierlite.com for approved dimmers, total 18watt system power
- Choice of lamp colours, 2700K, 3000K, and 4000K
- Can be switched by DALI relay modules and dimmed by DALI universal and trailing edge dimmers
- The Starburst PRO has a Lighting Council of Australia (LCA) Solid State Lighting (SSL) performance label
- Compliant to AS/NZSCISPR15, IEC/ENC61347.13
- Optional 10 metre secondary cable extensions kits available



Quick Spec

Pierlite recessed adjustable or fixed LED 14W 1000Lm package downlight.

Design Applications

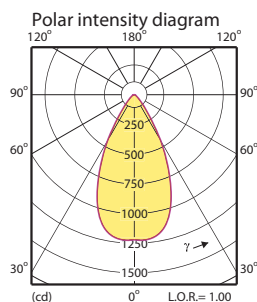
Residential, public spaces, reception areas, break out spaces. Hotels, health sector high ceiling voids.

Product Codes

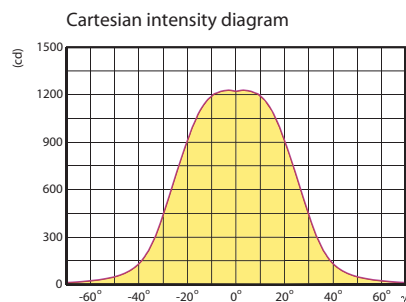
Code	Version	Dim (mm)	Mass (kg)
STARBURPRO1	3K 54°, WH Gim, Driver f & p	105 x 100	0.7
STARBURPRO2	3K 54°, S/Chr Gim, Driver f & p	105 x 100	0.7
STARBURPRO3	3K 54°, WH Fix, Driver f & p	80 x 100	0.7
STARBURPRO4	3K 54°, S/Chr Fix, Driver f & p	80 x 100	0.7
STARBURPRO5	4K 54°, WH Gim, Driver f & p	105 x 100	0.7
STARBURPRO6	4K 54°, S/Chr Gim, Driver f & p	105 x 100	0.7
STARBURPRO7	4K 54°, WH Fix, Driver f & p	80 x 100	0.7
STARBURPRO8	4K 54°, S/Chr Fix, Driver f & p	80 x 100	0.7
STARBURPRO9	2700K 54°, WH Fix, Driver f & p	80 x 100	0.7
STARBURPRO10	2700K 54°, WH Gim, Driver f & p	105 x 100	0.7
STARBURPRO11	2700K 54°, S/Chr Fix, Driver f & p	80 x 100	0.7
STARBURPRO12	2700K 54°, S/Chr Gim, Driver f & p	105 x 100	0.7

Performance

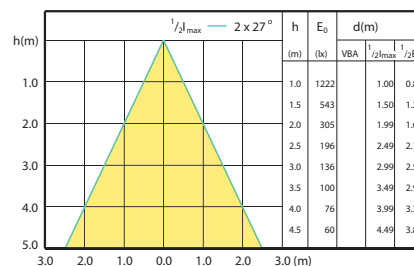
Starburst Pro Starburst Pro 1xLED 18W/830 54d
1 x 1000 lm

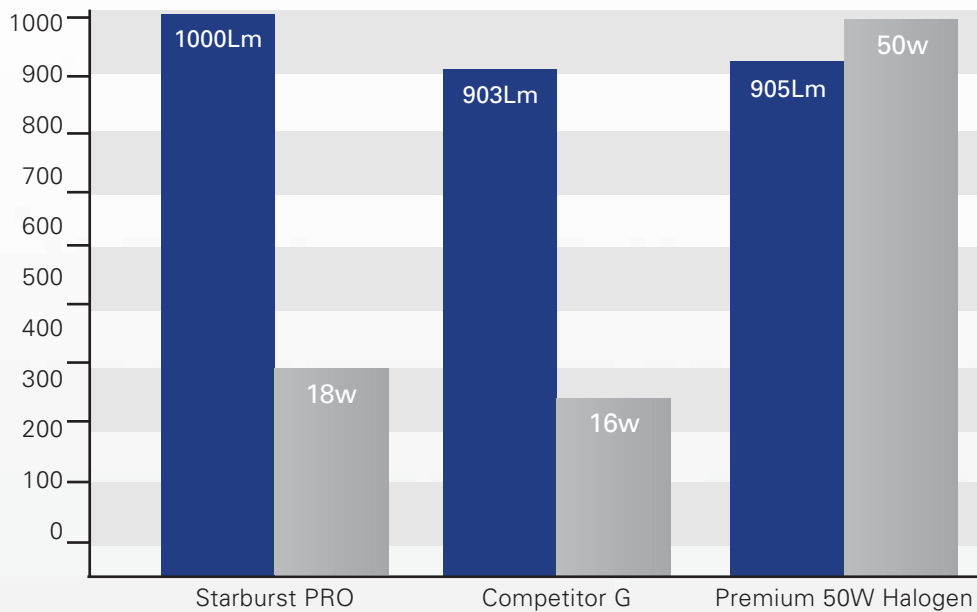


Light output ratio 1.00
Service upward 0.00
Service downward 1.00
Imax 1222 cd
BS ($\frac{1}{2}I_{max}$) $2 \times 27^\circ$
BS ($\frac{1}{2}E_0$) $2 \times 23^\circ$



Beam diagram






STARBURST PRO



 **Lighting Council**
 AUSTRALIA

Brand Name Pierlite
 Supplier/Product ID 014/126-2

LED Performance

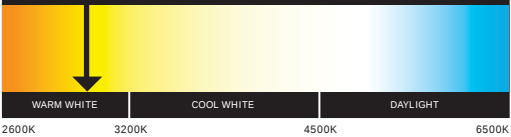
Solid State Lighting Luminaire

Luminous Flux	1000 lm
Luminous Efficacy	55 lm/W

INPUT POWER	18 W
TEST VOLTAGE 240V AC	

Colour
 Correlated Colour Temperature (CCT) 3000 K
 Colour Rendering Index (CRI, Ra) 85

LIGHT COLOUR
 Correlated Colour Temperature (CCT) **3000 (WARM WHITE)**



2600K 3200K 4500K 6500K

WARM WHITE **COOL WHITE** **DAYLIGHT**

VISIT
www.lightingcouncil.com.au
 for the Label Reference Guide

The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.



Integral thermal management system.



Conveniently packaged with flex and plug.

iReady

Downlights



159

Starburst® Style

Stylish LED square adjustable downlights, unique design for easy installation.



Specifications

- Stylish square downlight
- Available in single, twin, triple and quad arrangements.
- White or silver trim
- Manufactured from zinc steel
- ‘Binnless’ LED’s which offers easy colour matching between our Starburst and Starburst PRO ranges
- 50,000 hour average life*
- Dimmable with conventional phase control dimming systems
- 12 lamp watts (total system wattage of 16W)
- 3000K and 4000K, CRI 85, >700Lm
- 54 degree beam distribution
- Compliant with AS/NZSCISPR15, IEC/EN61347.2.13
- Go to the Download section / Installation Instructions to view Approved Dimming Systems)



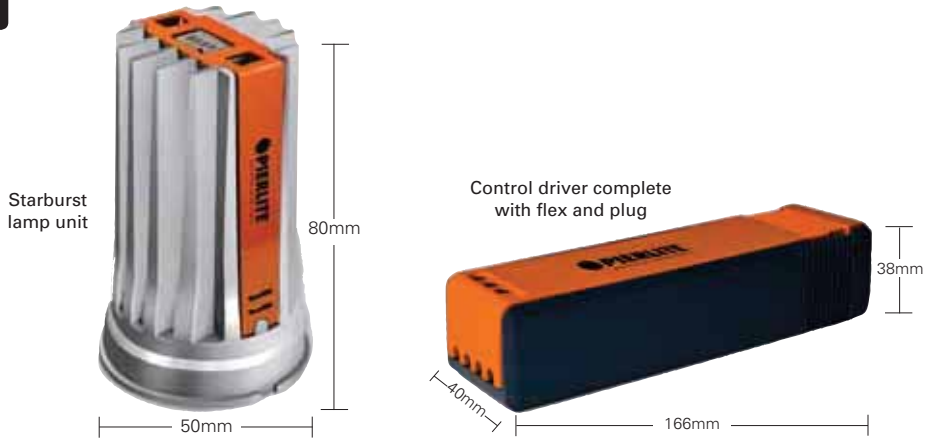
Quick Spec

Pierlite square silver adjustable downlights, single, twin, triple or quad formats, complete with 12W LED lamp and compatible driver.

Design Applications

Residential, Apartments, Lobbies, Foyers, Retail, Restaurants, Bars and clubs where a energy efficient and reliable lamp life is essential.

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
STARSTYL1	1 x12w 55 degrees	110 x 110 x 90	6.4
STARSTYL2	2 x 12W 55 degrees	201 x 110 x 90	6.4
STARSTYL3	3 x 12W 55 degrees	292 x 110 x 90	6.4
STARSTYL4SQ	4 x 12W 55 degrees	201 x 201 x 90	6.4



Max Dim(mm)
292 x 110 x 90





Starburst Style Single (STARSTY1)
Square brushed silver cut-out 92mm x 92mm.



Starburst Style Twin (STARSTY2)
Square brushed silver cut-out 185mm x 92mm.



Starburst Style Triple (STARSTY3)
Square brushed silver cut-out 278mm x 92mm.



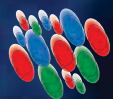
Starburst Style Quad (STARSTY4SQ)
Square brushed silver cut-out 185mm x 185mm.



Conveniently
packaged with
flex and plug.



Integral thermal
management system



STARBURST **STYLE**

**It's easy to change your
appearance when its the
Starburst Style 700Lm.**





Twist and Lock Downlight.



Round Dropped Glass.



Round Flush Glass IP54.



Square Dropped Glass.



Square Flush Glass IP54.



Round Soft Diffusion Lens IP54.



Square Soft Diffusion lens IP54.



Basic White Square.

The Starburst Style 700Lm is a new innovative Twist and Lock downlight that enables you to become the designer.

The Starburst Style is a 700Lm, dimmable system with integral thermal management, an energy efficient solution.

Personalise your space.



Dimmable LED.



Versions available in both hard wired and flex and plug.



Integral thermal management system preserves the LED design life when the ceiling cavity exceeds 50°C.



700Lm LED Downlight.

Flexible

Twist and Lock

For product online reference data, simply install and activate a QR code scanner application on your smartphone. For more information visit www.pierlite.com





It's easier to choose a **Starburst Pro Style for a stylish working environment.**



Twist and Lock Downlight.



Round Dropped Glass.



Round Flush Glass IP54.



Square Dropped Glass.



Square Flush Glass IP54.



Round Soft Diffusion Lens IP54.



Square Soft Diffusion lens IP54.



Basic White Square.

The Starburst Pro Style is a new innovative Twist and Lock downlight that enables you to become the designer.

The Starburst Pro Style is a 1000Lm, dimmable system with integral thermal management, an energy efficient solution. Personalise your space.



Dimmable LED.



Versions available in both hard wired and flex and plug.



Integral thermal management system preserves the LED design life when the ceiling cavity exceeds 50°C.



1000Lm LED Downlight.



Commercial spaces, hospitality industry such as hotels, retail spaces and the health sector.

Flexible Twist and Lock

For product online reference data, simply install and activate a QR code scanner application on your smartphone. For more information visit www.pierlite.com



Star X

Low voltage 35W IRC Kits, complete with FNV and transformer.



Specifications

- Pressure die-cast aluminium body available in white (fixed or gimble) or satin chrome (fixed or gimble)
- Secure twist lock lamp retaining assembly
- Complete with dimmable transformer (For compatibility chart see the website)
- Supplied with 35W IRC 60 degree lamp
- Versions available in both hard wired and flex and plug.
- Guardian heat cover supplied as standard



Quick Spec

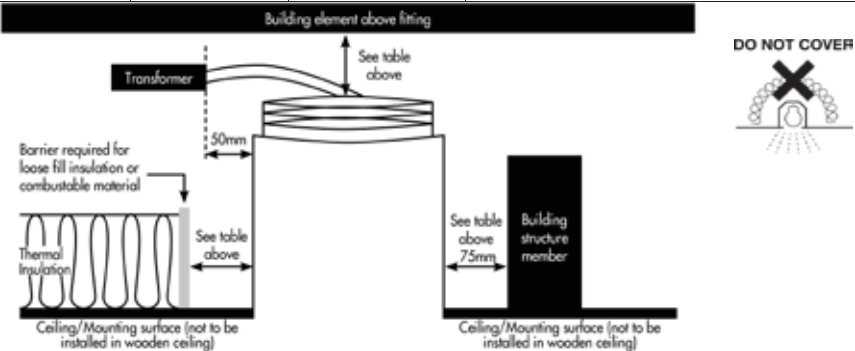
Pierlite energy efficient recessed 35W IRC low voltage, adjustable or fixed downlight integral guardian heat cover and dimmable transformer.

Design Applications

Residential, commercial, cafes, restaurants, hotels.

Performance

AMBIENT TEMP	MIN SPACING (SIDE)	MIN SPACING (ABOVE)	IMPORTANT NOTE
20°C to 70°C	25mm	50mm	Not to be installed in wooden ceiling above ambient of 40°C
70°C and above	50mm	100mm	Not to be installed in wooden



Product Codes

Code	Version	Dim (mm)	Mass (kg)
LLFGCS35/E-IRC	Fixed satin chrome	80 x 80	0.3
LLFGCS35FP/EIRC	Fixed satin chrome	80 x 80	0.3
LLFGW35/E-IRC	Fixed white	80 x 80	0.3
LLFGW35FP/EIRC	Fixed white	80 x 80	0.3
LLGCS35/E-IRC	Gimble chrome	105 x 80	0.3
LLGCS35FP/E-IRC	Gimble chrome	105 x 80	0.3
LLGW35E/E-IRC	Gimble white	105 x 80	0.3
LLGW35FP/E-IRC	Gimble	105 x 80	0.3



Max Dim(mm)
105 x 80





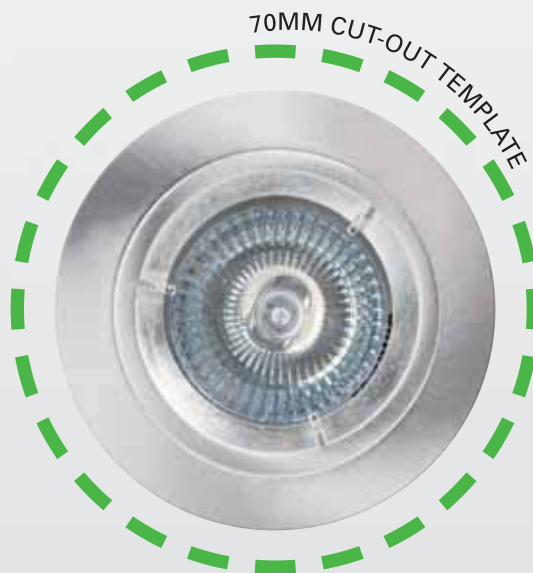
White Gimble



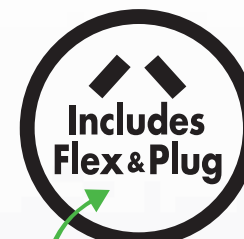
White Fixed



Satin Chrome Gimble



Satin Chrome Fixed



Optional

Guardian heat cover

Firm spring action

Quality profile



Electronic Control Gear



Dimmable





The DOT Downlight Range was introduced in 1973. Since its launch, it has evolved primarily in response to suggestions and feedback from building owners, electrical contractors, lighting designers and distributors of the Range.

During the design and development of any segment of the DOT range, each component is minutely scrutinized. The raw materials used are the highest quality available. Injection moulded components are continually upgraded to take full advantage of ongoing developments in thermoplastics.

Heat retention within each downlight is minimised to ensure component longevity and extended lamp life.

This commitment to quality throughout its design, development and production, is evident in the DOT range's construction, installation and performance.

... if you happen to notice the source of the light



Building Owners

The evolution of the range and commitment to its ongoing development resulted in the introduction of the AXLock system. The AXLock system allows building owners to significantly alter lighting within building spaces by simply changing accessories fitted to downlights rather than replacing complete lighting installations; this is a cost effective means to future proof lighting requirements.

Lighting Designers

Lighting Designers can choose from a large selection of downlights with a variety of light sources and three reflector finishes. There are also three electronic control gear dimming options available with compact fluorescent models.

A comprehensive selection of AXLock accessories then allows designers to alter light produced by the downlights. Decorative glass, a variety of lenses and trim colours add further options to customise installations.



Electrical Contractors

Electrical contractors benefit from the ease of installing the DOT range. Downlight bodies are quickly mounted and if necessary removed (no tools are required) with the patented mounting system. Reflectors are also easily fitted by turning moulded reflector keys 180 degrees; the keys are part of the reflector assemblies and can not be misplaced or lost.

Downlight reflectors, accessories and ceiling plates can be fitted after ceiling surfaces have been painted therefore no masking for painting is necessary...

All AXLock Accessories are installed with a simple twist and lock movement, the same movement removes accessories for cleaning or re-lamping.



Distributors

The DOT AXLock system reduces the number of basic downlight models in the range. Cross vane and turbo louvres, recessed and flush mounted lenses are AXLock accessories and can be fitted to downlights after installation.

The AXLock system benefits distributors of the range by reducing inventory, enabling faster delivery times and offering a comprehensive range of downlights made to the highest standards at very competitive prices.

- it will also impress you

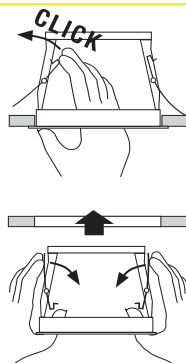


DOT Downlights Range – Typical Components





Integral reflector locking key for quick, positive reflector fixing



Patented stainless steel downlight mounting system for easy tool-free installation and removal.
Silver passivated, heavy gauge, pressed steel mounting legs

Reflector Options



Polished

Satin

Diamond Facetted

**Designed and Constructed in New Zealand
Complies with AS/NZS 60598**

Fully Protected by Intellectual Property Rights,
Patents, Registered Designs and Copyright.



DOT 92

DOT 92 offers a cost effective energy efficient solution for domestic and commercial applications.



Specifications

- 92mm cutout for easy installation
- Suitable for DOT AxLock accessories including, Round flush glass, Square flush glass and Square trim
- Complete with energy efficient dimmable or non-dimmable 20W CFL-I lamp
- Dimmable lamp can be dimmed to 10% on most consumer dimmers*
- Long lamp life of 8000hrs
- Choice of either warm white or cool daylight colour temperatures
- Available in hard wired or flex and plug models
- Colours include white or silver
- Also available in 15W formats upon request.



Quick Spec

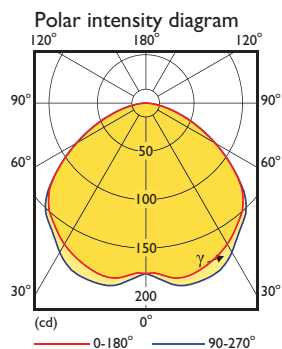
Pierlite DOT recessed 20W CFL downlight, 92mm cut-out, available in both dimmable and non dimmable formats, compatible with Axlock accessories.

Design Applications

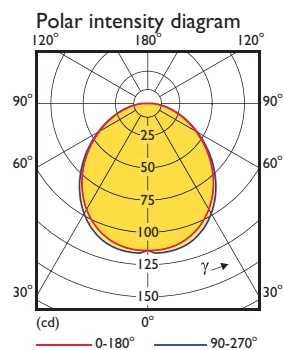
Homes, units, townhouses, boardrooms, reception areas, foyers, hotels, restaurants, clubs and bars.

Performance

DOT92 1 x TORNADO 20W
dimmable 1 x 1100 lm



DOT92 1 x TORNADO 20W
dimmable FG 1 x 1100 lm



* See www.pierlite.com for the latest dimmer compatibility information



is a Quick Fit
accessory system
designed for easy
exchange of
trim profiles.



Product Codes

Code	Version	Dim (mm)	Mass (kg)
DOT92RDWC3DF	20W cfl-i dimm. c/w lamp, f & p	110 x 168 x 92	0.37
DOT92RDWC3DH	20W cfl-i dimm. c/w lamp	110 x 168 x 92	0.37
DOT92RDWC3NF	20W cfl-i c/w lamp, f & p	110 x 168 x 92	0.37
DOT92RDWC3NH	20W cfl-i c/w lamp	110 x 168 x 92	0.37
DOT92RDWC4DF	20W cfl-i dimm. c/w lamp, f & p	110 x 168 x 92	0.37
DOT92RDWC4DH	20W cfl-i dimm. c/w lamp	110 x 168 x 92	0.37
DOT92RDWC4NF	20W cfl-i c/w lamp, f & p	110 x 168 x 92	0.37
DOT92RDWC4NH	20W cfl-i, c/w lamp	110 x 168 x 92	0.37

Accessories

DOT92RFGW	Round Frosted Flush Glass
DOT92SFGW	Square Frosted Flush Glass
DOT92STS	Square Trim Silver
DOT92STW	Square Trim White



IP20



Max Dim(mm)
144 x 183



DOT 92 LED

High energy efficient LED downlight, slim profile ceiling plate.



Specifications

- Energy saving LED Disk module, offering 850Lm 827, and 900Lm colour 840 and 850.
- Compact Dimensions cut-out 92mm 100mm depth
- Ideal retrofit luminaire due to the cut-out
- Satin silver reflector offers 59° beam angle
- Integral non- dimmable driver
- Long LED life 25,000 hours, low maintenance in difficult to access areas
- Unique patented mounting system
- Paintable trims
- Tool free installation & easy removal without damaging ceilings if required
- Optional accessories available
- Cool Beam with no downward heat generation
- No ultraviolet or infrared light and mercury free
- Complete with 3 pin flex and plug, white trim.



Quick Spec

Pierlite DOT high energy efficient LED downlight, with a cut-out of 92mm and a depth of 100mm.

Design Applications

Residential, Offices, Hotels, Health sector, Low voltage halogen retrofit spaces.

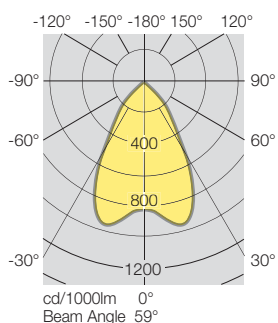
Product Codes

Code	Version	Dim (mm)	Mass (kg)
DOT92LEDRW27/FP	15W 2700K	105 x 100	0.5
DOT92LEDRW40/FP	15W 4000K	105 x 100	0.5
DOT92LEDRW50/FP	15W 5000K	105 x 100	0.5

Accessories

DOT92RFGW	Round Flush glass white
DOT92RFLW	Fresnel wallwasher lens round white
DOT92RSDW	Round soft diffusion lens IP54
DOT92SFGW	Flush glass square white
DOT92SSDW	Square soft diffusion lens IP54
DOT92STW	Basic white square

Performance



Total Energy Consumption P_L (W) 15.2W
Total Lumen Output 907Lm (60Lm/W)

Actual lux	dia.(m)
1 821	1.31
2 205	2.62
3 91	4.71
4 51	5.24
5	

AXLOCK ACCESSORIES Fitted to downlight after installation.
Accessory trims available White /01 or Silver /55.

RD		Round Trim	SQ		Square Trim
		IP20			IP20
RFG		Round Flush Glass	SFG		Square Flush Glass
		IP44			IP44
RL		Round Lens	SL		Square Lens
		IP44			IP44



Max Dim(mm)
105 x 100



DOT 301

The DOT 301 downlight is designed for dedicated energy saving compact fluorescent lamps.



Specifications

- Quick and easy to install
- Easy downlight removal system
- Passivated, heavy gauge pressed steel mounting legs
- High purity, post anodized aluminium reflector
- Stainless steel mounting springs
- Double insulated
- Paintable U.V stabilised thermoplastic ceiling ring (fitted as standard)
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

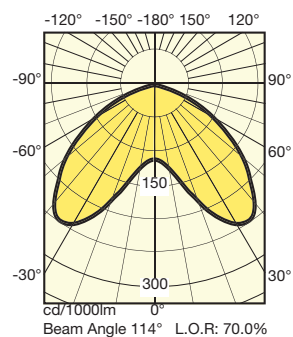
Pierlite DOT recessed downlight 18W CFL small cut-out 125mm, polished silver reflector and white trim.

Design Applications

Residential, under eaves and entrance ways, semi commercial general lighting.

Performance

DOT 301 - 18W TC-T/E



(m)	lux	dia.(m)			
1	115	3.08			
2	29	6.16			
3	13	9.24			
4	7	12.32			
5					
	2m	1m	0	1m	2m

Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0	
70	50	20	#N/A	#N/A	.61	.64	.68	.70	.72	.74	.76	
	30		#N/A	#N/A	.57	.60	.65	.68	.70	.72	.74	
	10		#N/A	#N/A	.54	.57	.62	.65	.68	.71	.73	
50	50	20	#N/A	#N/A	.60	.62	.66	.68	.70	.72	.73	
	30		#N/A	#N/A	.56	.59	.63	.66	.68	.70	.72	
	10		#N/A	#N/A	.54	.56	.61	.64	.66	.69	.70	
30	50	20	#N/A	#N/A	.58	.60	.64	.66	.67	.69	.70	
	30		#N/A	#N/A	.55	.58	.62	.64	.66	.68	.69	
	10		#N/A	#N/A	.53	.56	.60	.62	.64	.67	.68	
0	0	0	#N/A	#N/A	.51	.54	.58	.60	.62	.64	.65	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
301/HF	18WTC-T	144 x 183	0.7

Accessories



DOT A5
Halo Glass



DOT A2-CL
Convex Clear Lens
IP54 18W max



DOT A2-FT
Convex Frosted Lens
IP54 18W max.



/13
Chrome Ceiling
Ring - Polished



/14
Chrome Ceiling
Ring - Brushed



/55
Silver Painted
Ceiling Ring



IP20



0.75kg
Max. Mass

Max Dim(mm)
144 x 183





183mm



- ▶ 125mm dia. hole ◀
- ▶ 144mm dia. o/a ◀



DOT 347 HE

High efficiencies and high LOR's using the twist and lock TC-HE lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue)
- Axlock accessories available, fitted after installation
- Optional secured access anti-vandal lens, IK 10
- Easy to install

Quick Spec

Pierlite DOT recessed downlight, 1 x 14/17W, specular or satin anodised reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector and hotels.

Performance

DOT 347/02/HF/A50-01 1 x 17W TC-HE

C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0
70	50	20	.52	.60	.65	.68	.73	.76	.78	.81	.83
	30		.47	.55	.60	.64	.69	.73	.75	.79	.81
	10		.43	.51	.57	.61	.66	.70	.73	.77	.79
50	50	20	.51	.58	.63	.66	.71	.74	.76	.78	.80
	30		.46	.54	.59	.63	.68	.71	.73	.76	.78
	10		.43	.51	.56	.60	.65	.69	.71	.74	.77
30	50	20	.50	.57	.61	.65	.69	.71	.73	.75	.77
	30		.46	.53	.58	.61	.66	.69	.71	.74	.75
	10		.43	.50	.55	.59	.64	.67	.69	.72	.74
0	0	0	.41	.48	.53	.57	.61	.64	.66	.69	.71

Product Codes

Code	Version	Dim (mm)	Mass (kg)
347/02/HF	1 x 14/17WTC-HE	192 x 226	1.2

Accessories - AxLock can be fitted without removing downlight



A50 IP20
Ceiling Plate - Round
/01 White
/55 Silver



A58 IP20
Ceiling Plate - Square
/01 White
/55 Silver



A12-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A12-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A16 IP20
Halo Glass
/01 White trim
/55 Silver trim



A27-FT IP54
Convex Frosted Lens
/01 White trim
/55 Silver trim



A27-FR IP54
Convex Fresnel Lens
/01 White trim
/55 Silver trim



A27-GL IP54
Flat Glass Lens
/01 White trim
/55 Silver trim



A52-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A52-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A53-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A53-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A59-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A59-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim

Secured Access Accessories - Must be fitted prior to downlight installation



A24-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A24-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim



A24-PR IP54
Prismatic Diffuser
/01 White trim
/55 Silver trim



A24-FR IP54
Fresnel Lens
/01 White trim
/55 Silver trim



DOT A81 IK 10
Vandal Proof
Secured Access

Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 340, 360 & 370

Highly efficient compact fluorescent downlights for single vertical lamps.



Specifications

- Easy to install, including accessories
- Easy downlight removal system
- High temperature thermo plastic control gear housing
- Remote electronic control gear
- High temperature thermo plastic lamp holder enclosure
- High temperature lamp holder
- Passivated heavy gauge pressed steel mounting legs
- High purity, post anodised bright aluminium reflector
- Available with Electronic, Analogue, DSI and DALI Dimming
- UV stabilised thermoplastic moulded ceiling ring
- Large range of accessories - interchangeable after installation without removing the downlight
- Choice of reflector options and bezel colours
- Suitable for the A81 IK10 IP65 Secured access anti-vandal accessory
- Complete with 3 pin flex and plug



Quick Spec

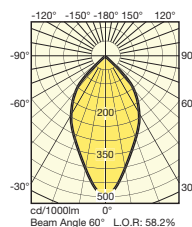
Pierlite DOT recessed open downlight polished silver reflector and white trim, 18W, 26W, up to 42W triple CFL lamps.

Design Applications

Office, boardrooms, foyers, retail, schools, TAFE's Universities, Shopping centres.

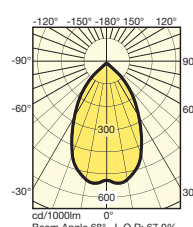
Performance

DOT 340- 18W TC-D



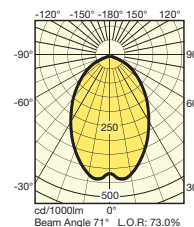
Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.42	.48	.51	.53	.57	.59	.60	.62	.63	
30			.39	.44	.48	.51	.54	.57	.58	.60	.62	
10			.36	.42	.46	.48	.52	.55	.56	.59	.60	
50	50	20	.41	.47	.50	.52	.55	.57	.58	.60	.61	
30			.38	.44	.47	.50	.53	.55	.56	.58	.60	
10			.36	.41	.45	.48	.51	.53	.55	.57	.59	
30	50	20	.40	.46	.49	.51	.53	.55	.56	.58	.58	
30			.38	.43	.46	.49	.52	.54	.55	.57	.58	
10			.36	.41	.45	.47	.50	.52	.54	.56	.57	
0	0	0	.35	.40	.43	.45	.48	.50	.52	.53	.54	

DOT 360 - 26W TC-T



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.52	.58	.61	.64	.67	.69	.70	.72	.73	
30			.48	.54	.58	.61	.64	.67	.68	.70	.72	
10			.46	.52	.56	.58	.62	.65	.67	.69	.71	
50	50	20	.51	.56	.60	.62	.65	.67	.68	.70	.71	
30			.48	.54	.57	.60	.63	.65	.66	.68	.69	
10			.45	.51	.55	.58	.61	.63	.65	.67	.68	
30	50	20	.50	.55	.58	.61	.63	.65	.66	.67	.68	
30			.47	.53	.56	.58	.61	.63	.65	.66	.67	
10			.45	.51	.54	.57	.60	.62	.63	.65	.66	
0	0	0	.44	.00	.49	.00	.53	.00	.55	.00	.58	

DOT 370 - 42W TC-T/E



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.50	.57	.61	.65	.69	.72	.74	.76	.78	
30			.45	.52	.57	.61	.66	.69	.71	.74	.76	
10			.42	.49	.54	.58	.63	.66	.69	.72	.75	
50	50	20	.49	.55	.60	.63	.67	.70	.71	.74	.75	
30			.44	.51	.56	.60	.64	.67	.69	.72	.74	
10			.41	.48	.53	.57	.62	.65	.67	.70	.72	
30	50	20	.48	.54	.58	.61	.65	.67	.69	.71	.72	
30			.44	.51	.55	.58	.63	.65	.67	.70	.71	
10			.41	.48	.53	.56	.61	.64	.66	.68	.70	
0	0	0	.40	.00	.46	.00	.51	.00	.54	.00	.58	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
340/02/HF	1 x 18W	192 x 226	0.86
360/02/HF	1 x 26W	192 x 226	0.62
370/02/HF	1 x 26/32/42W	192 x 226	0.93



Options



DOT A50 IP20
Ceiling Plate - Round
/01 White
/55 Silver



DOT A58 IP20
Ceiling Plate - Square
/01 White
/55 Silver

Accessories



DOT A12-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



DOT A12-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



DOT A16 IP20
Halo Glass
/01 White trim
/55 Silver trim



DOT A27-FT IP54
Convex Frosted Lens
/01 White trim
/55 Silver trim



DOT A27-FR IP54
Convex Fresnel Lens
/01 White trim
/55 Silver trim



DOT A27-GL IP54
Flat Glass Lens
/01 White trim
/55 Silver trim



DOT A52-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



DOT A52-SB IP65
Flush Sandblasted Lens
/01 White trim
/55 Silver trim



DOT A53-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



DOT A53-SB IP65
Flush Sandblasted Lens
/01 White trim
/55 Silver trim



DOT A59-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



DOT A59-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim

Secured Access Accessories

Fitted to downlight before installation.



DOT A24-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



DOT A24-SB IP54
Sandblasted Lens
/01 White trim
/55 Silver trim



DOT A24-PR IP54
Prismatic Diffuser
/01 White trim
/55 Silver trim



DOT A24-FR IP54
Fresnel Lens
/01 White trim
/55 Silver trim



DOT A81 IK 10
Vandal Proof
Secured Access





DL170

DOT 705 & 706

DOT 705 and 706 are compact sized downlights which accept metal halide capsule lamps with G8.5 bases.



Specifications

- Quick and easy to install
- Clear toughened front glass for safety
- Chrome plated brass and stainless steel fastenings
- Easy downlight removal system
- Passivated, pressed steel mounting
- High purity, post anodised aluminium reflector, two degrees as codes per listed below
- Easy lamp replacement
- Supplied with round earth flex and plug, lamp and gear to be ordered separately
- For installation requirements beyond standard 10mm plaster , contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



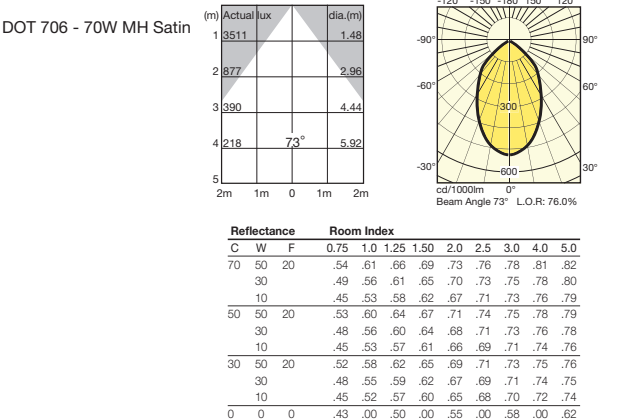
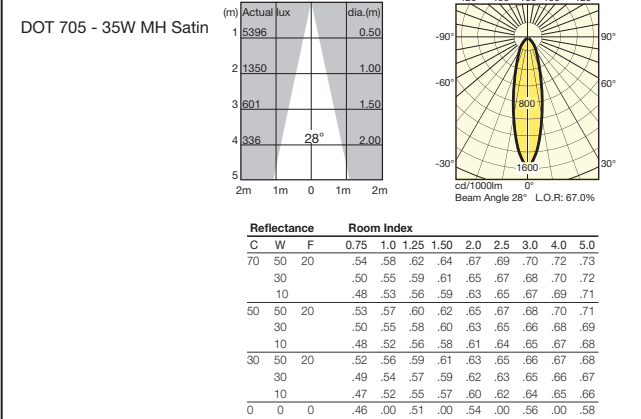
Quick Spec

Pierlite DOT recessed downlight, 35W or 70W complete with toughened front safety glass and satin reflector

Design Applications

Retail displays, hotel lobbies high ceiling foyers and accent lighting.

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
705	35W G8.5 28 deg	123 x 137	1.9
706	70W G8.5 73 deg	123 x 137	1.9

Accessories

HIDPVC35/FPCDM	35W Electronic Gear f & p
HIDPVC70/FPCDM	70W Electronic Gear f & p

IP43



Max Dim(mm)
123 x 137



Downlights



181

DOT 710 & 712

DOT 710 and 712 are metal halide downlights with G12 ceramic lampholders.



Specifications

- Quick and easy to install
- Narrow beam, facettted reflector
- Easy downlight removal system
- Passivated, pressed steel mounting legs
- Stainless steel mounting system
- Easy lamp replacement
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

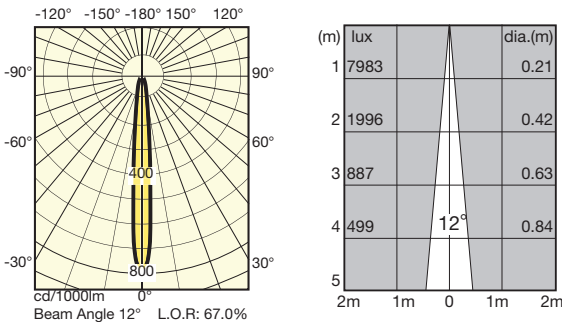
Pierlite DOT recessed downlight, 10 degree beam, satin facettted reflector 35W or 70W options

Design Applications

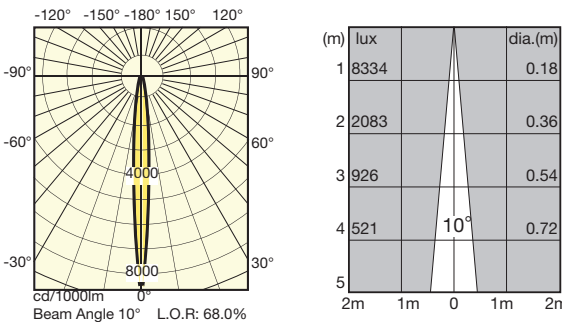
Accent lighting, retail displays, architectural detailing.

Performance

DOT 710 - 35W MH



DOT 712 - 70W MH



Product Codes

Code	Version	Dim (mm)	Mass (kg)
710	35W G12 10 deg	144 x 160	2.2
712	70W G12 8 deg	144 x 160	2.2

Accessories

- HIDPVC35/FPCDM 35W Electronic gear f & p
- HIDPVC70/FPCDM 70W Electronic gear f & p



DOT 730 & 732

DOT 730 and 732 downlights are designed for Metal Halide G12 lamps with a wide beam distribution.



Specifications

- Quick and easy to install
- High purity, post anodised satin silver aluminium reflector
- Clear toughened safety glass
- Chrome plated brass and stainless steel fastenings
- Easy downlight removal system
- Passivated, pressed steel mounting legs
- Stainless steel mounting system
- Easy lamp replacement
- Supplied with round earth flex and plug, gear and lamps to be ordered separately
- For installation requirements beyond standard 10mm plaster , contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

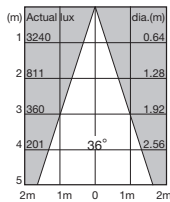
Pierlite DOT recessed downlight, 10 degree beam, satin faceted reflector 35W or 70W options, G12 lamp base.

Design Applications

General retail lighting, window displays, hotel lobbies, foyers, accent lighting.

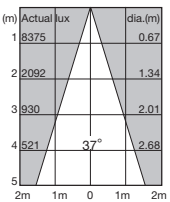
Performance

DOT 730 - 35W MH



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.57	.63	.67	.70	.74	.76	.78	.80	.81	
	30		.53	.60	.64	.67	.71	.74	.75	.78	.80	
	10		.50	.57	.61	.64	.68	.71	.73	.76	.78	
50	50	20	.56	.62	.66	.68	.72	.74	.75	.77	.78	
	30		.53	.59	.63	.66	.69	.72	.73	.75	.77	
	10		.50	.56	.60	.63	.67	.70	.72	.74	.76	
30	50	20	.55	.61	.64	.67	.70	.72	.73	.74	.75	
	30		.52	.58	.62	.64	.68	.70	.71	.73	.74	
	10		.50	.56	.60	.62	.66	.68	.70	.72	.73	
0	0	0	.49	.00	.54	.00	.58	.00	.60	.00	.64	

DOT 732 - 70W MH



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.59	.66	.70	.73	.77	.80	.81	.83	.85	
	30		.55	.62	.66	.70	.74	.77	.79	.81	.83	
	10		.52	.59	.63	.67	.71	.74	.77	.80	.82	
50	50	20	.58	.65	.69	.71	.75	.77	.79	.80	.82	
	30		.55	.61	.65	.68	.72	.75	.77	.79	.80	
	10		.52	.58	.63	.66	.70	.73	.75	.77	.79	
30	50	20	.57	.63	.67	.69	.73	.75	.76	.78	.79	
	30		.54	.60	.64	.67	.71	.73	.74	.76	.78	
	10		.51	.58	.62	.65	.69	.71	.73	.75	.77	
0	0	0	.50	.00	.56	.00	.60	.00	.63	.00	.66	

IP43



Max Dim(mm)
144 x 160



Product Codes

Code	Version	Dim (mm)	Mass (kg)
730	35W G12 36 deg	144 x 160	2.1
732	70W G12 37 deg	144 x 160	2.1

Accessories

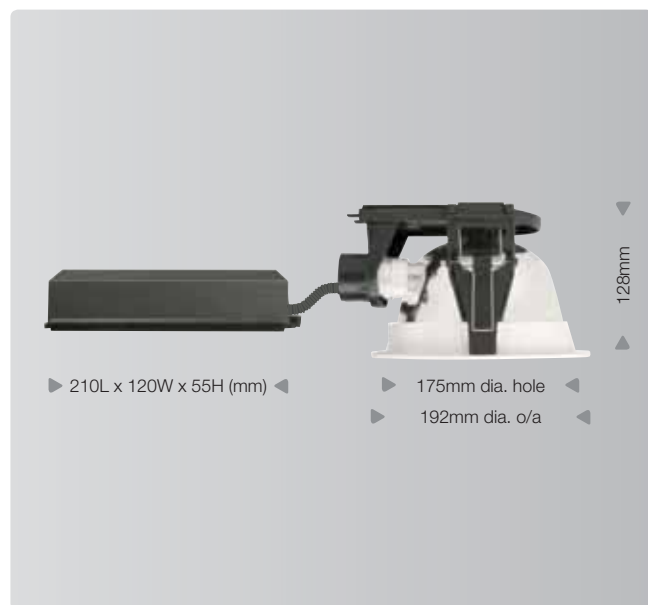
HIDPVC35/FPCDM 35W Electronic gear f & p

HIDPVC70/FPCDM 70W Electronic gear f & p



DOT 1000 Series

DOT 1000 Series is a high performance compact fluorescent downlight series that offers an extensive range of accessories.



Specifications

- Easy to install and remove, including accessories
- Remote electronic control gear
- A50/01 white round ceiling plate supplied as standard.
- Stainless steel mounting springs
- High temperature thermo plastic control gear housing
- High temperature thermo plastic lamp holder enclosure
- High temperature lamp holder
- Passivated heavy gauge pressed steel mounting legs
- High purity, post anodised bright aluminium reflector
- Available with Electronic, analogue, DSI and DALI Dimming
- UV stabilised thermoplastic moulded ceiling ring
- Large range of Axlock accessories - interchangeable after installation, without removing the downlight
- Choice of reflector options, /03 satin, /09 faceted, /02 polished silver is standard.
- Complete with 3 pin flex and plug, gear remote



Quick Spec

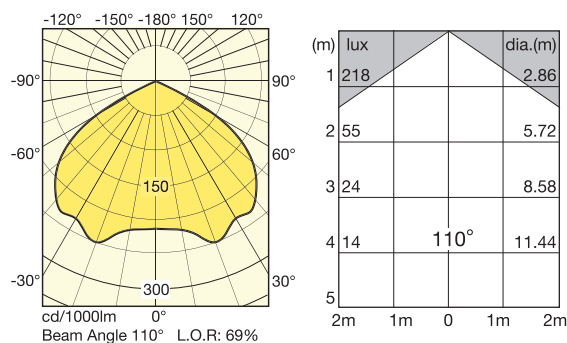
Pierlite DOT recessed CFL downlight, minimal depth of 128mm, interchangeable Axlock accessories.

Design Applications

Office, boardrooms, foyers, reception areas, retail outlets, medical centres and hospitals.

Performance

DOT 1250 - 2 x 26W TC-D/E



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0	
70	50	20	#N/A	.56	.60	.63	.67	.69	.70	.73	.74	
	30		#N/A	.52	.56	.59	.64	.66	.68	.71	.72	
	10		#N/A	.49	.53	.57	.61	.64	.66	.69	.71	
50	50	20	#N/A	.54	.58	.61	.65	.67	.68	.70	.71	
	30		#N/A	.51	.55	.58	.62	.65	.66	.68	.70	
	10		#N/A	.48	.53	.56	.60	.63	.65	.67	.69	
30	50	20	#N/A	.53	.57	.59	.63	.65	.66	.68	.69	
	30		#N/A	.50	.54	.57	.61	.63	.64	.66	.68	
	10		#N/A	.48	.52	.55	.59	.61	.63	.65	.67	
0	0	0	#N/A	.47	.50	.53	.57	.59	.60	.62	.63	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
1110/02/LL	18W	192 x 128	0.9
1210/02/HF	1 x 26W	192 x 128	0.9
1200/02/LL	1 x 26W TC-D/TC-T	192 x 128	0.9
1210/02/HF32-42	1 x 32-42W TC-D/E TC-T/E	192 x 128	0.9
1120/02/LL	2 x 13W	192 x 128	0.9
1130/02/LL	2 x 18W	192 x 128	0.9
1250/02/HF	2 x 26W	192 x 128	0.9



Options



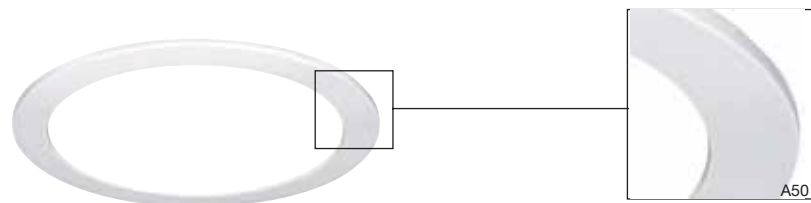
Secured Access Accessories - Must be fitted prior to downlight installation



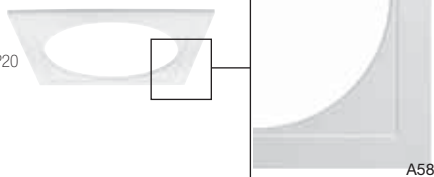
Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.



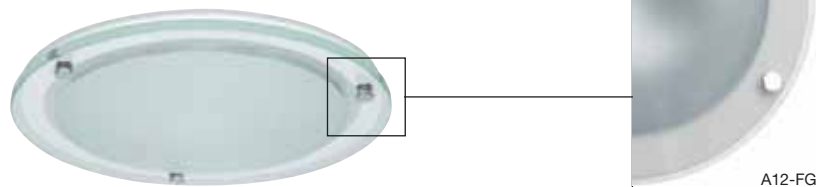
DOT 1000 Series Accessories



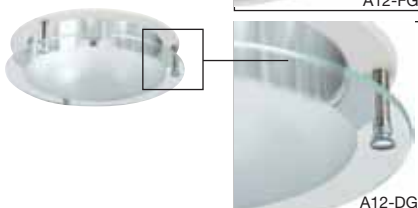
DOT A50
Ceiling Plate – Round IP20
Moulded polycarbonate
– 192mm dia.
/01 White
/55 Silver



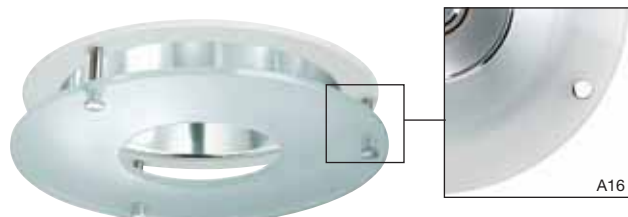
DOT A58
Ceiling Plate – Square IP20
Moulded polycarbonate
– 195mm square.
/01 White
/55 Silver



DOT A12-FG
Flush Glass IP54
5mm thick toughened glass
with sandblasted centre.
– 200mm dia.
/01 White trim
/55 Silver trim



DOT A12-DG
Dropped Glass IP20
5mm thick toughened glass
with sandblasted centre.
– 200mm dia.
/01 White trim
/55 Silver trim



DOT A16
Halo Glass IP20
5mm thick sandblasted toughened
glass with 85mm dia. hole.
– 200mm dia.
/01 White trim
/55 Silver trim



DOT A27-GL
Flat Glass Lens IP54
Convex mounting ring.
3mm thick toughened glass
– 198mm dia.
/01 White trim
/55 Silver trim

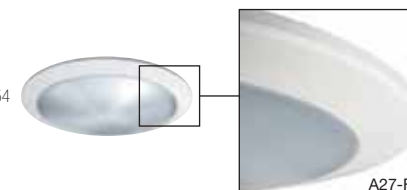


DOT A52-CL
Flush Clear Lens IP65
Moulded polycarbonate
– 192mm dia.
/01 White trim
/55 Silver trim

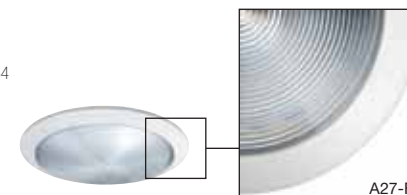


DOT A53-SB
Flush Sandblasted Lens IP65
Moulded polycarbonate
– 195mm square.
/01 White trim
/55 Silver trim

DOT A27-FT
Convex Frosted Lens IP54
Moulded polycarbonate
– 198mm dia.
/01 White trim
/55 Silver trim



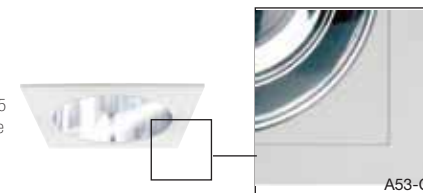
DOT A27-FR
Convex Fresnel Lens IP54
Moulded polycarbonate
– 198mm dia.
/01 White trim
/55 Silver trim



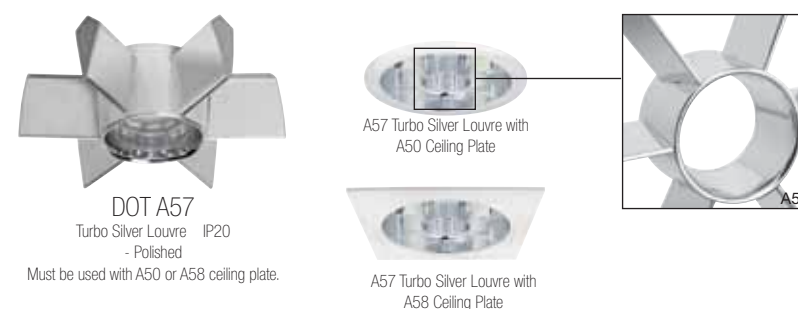
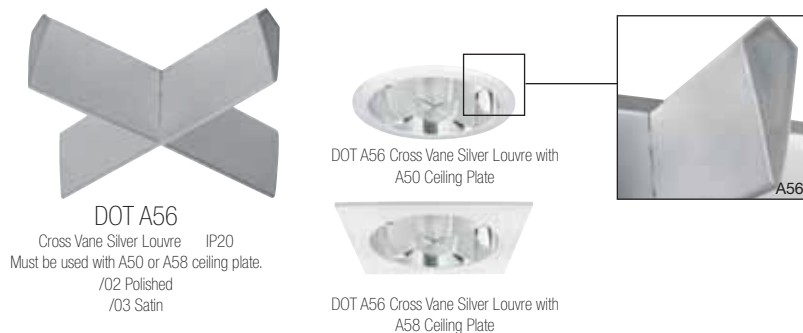
DOT A52-SB
Flush Sandblasted Lens IP65
Moulded polycarbonate
– 192mm dia.
/01 White trim
/55 Silver trim



DOT A53-CL
Flush Clear Lens IP65
Moulded polycarbonate
– 195mm square.
/01 White trim
/55 Silver trim



DOT 1000 Series Accessories



DOT 1000 Series Secured Access Accessories Fitted to downlight before installation.



DOT 1117 HE

High efficiencies and high LOR's using the twist and lock TC-HE compact fluorescent lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist and Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue)
- Axlock accessories available, fitted after installation
- Optional secured access anti-vandal lens, IK 10 IP65 A81.
- Easy to install

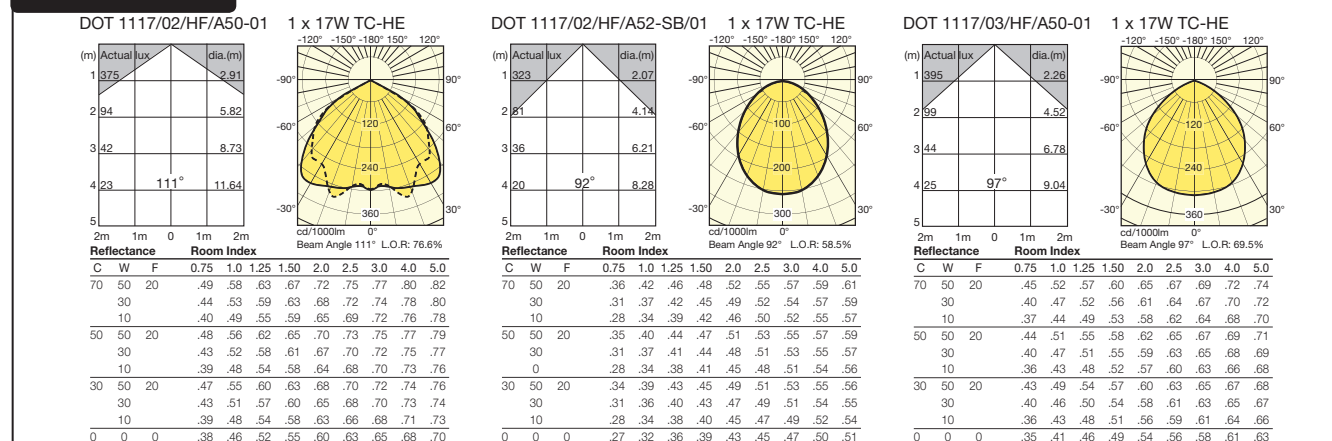
Quick Spec

Pierlite DOT recessed downlight, 1 x 14/17W, specular, diamond faceted or satin anodised reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector, cinemas and theatres, exhibition halls and hotels

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
1117/02/HF	1 x 14/17W Silver	192 x 128	1.2
1117/03/HF	1 x 14/17W Satin Silver	192 x 128	1.2
1117/09/HF	1 x 14/17W Diamond Facetted	192 x 128	1.2



Options



/02
Polished Silver Reflector



/03
Satin Silver Reflector



/09
Diamond Facetted Silver
Reflector

Accessories - AxLock can be fitted without removing downlight



A50 IP20
Ceiling Plate - Round
/01 White
/55 Silver



A58 IP20
Ceiling Plate - Square
/01 White
/55 Silver



A12-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A12-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A16 IP20
Halo Glass
/01 White trim
/55 Silver trim



A27-FT IP54
Convex Frosted Lens
/01 White trim
/55 Silver trim



A27-FR IP54
Convex Fresnel Lens
/01 White trim
/55 Silver trim



A27-GL IP54
Flat Glass Lens
/01 White trim
/55 Silver trim



A52-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A52-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A53-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A53-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A54 IP54
Recessed Diffusion Lens
/01 White trim
/55 Silver trim



A55 IP54
Recessed Diffusion Lens
/01 White trim
/55 Silver trim



A59-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A59-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A56 IP20
Cross Vane Silver Louvre
Must be used with A50 or A58
Ceiling Plate.
/02 Polished
/03 Satin



A57 IP20
Turbo Silver Louvre - Polished
Must be used with A50 or A58
Ceiling Plate.

Secured Access Accessories - Must be fitted prior to downlight installation



A24-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A24-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim



A24-PR IP54
Prismatic Diffuser
/01 White trim
/55 Silver trim



A24-FR IP54
Fresnel Lens
/01 White trim
/55 Silver trim

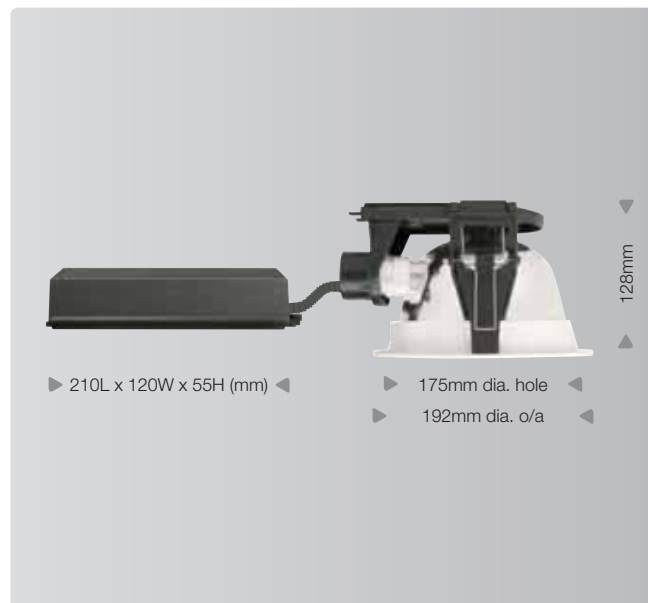


DOT A81
Vandal Proof
Secured Access
IK 10

Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 1134 HE

High efficiencies and high LORs using the TC-HE offering a twist and lock lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue)
- Axlock accessories available, fitted after installation
- Optional secured access anti-vandal lens, IK 10 IP65 A81
- Easy to install



Quick Spec

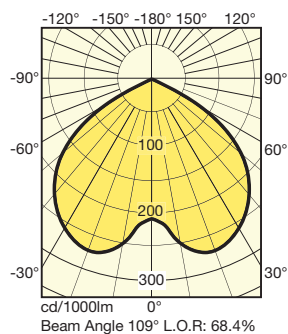
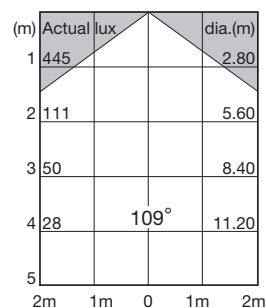
Pierlite DOT recessed downlight, 2 x 17W, specular, diamond faceted or satin anodised reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector and hotels.

Performance

DOT 1134/02/HF/A50-01 2 x 17W TC-HE



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.47	.53	.58	.61	.65	.68	.70	.72	.73	
	30		.42	.49	.54	.57	.62	.65	.67	.70	.72	
	10		.39	.45	.51	.54	.59	.63	.65	.68	.70	
50	50	20	.46	.52	.56	.59	.63	.66	.67	.69	.71	
	30		.42	.48	.53	.56	.61	.63	.65	.68	.69	
	10		.39	.45	.50	.54	.58	.61	.63	.66	.68	
30	50	20	.45	.50	.55	.58	.61	.63	.65	.67	.68	
	30		.42	.47	.52	.55	.59	.62	.63	.66	.67	
	10		.39	.45	.49	.53	.57	.60	.62	.64	.66	
0	0	0	.37	.43	.48	.51	.55	.57	.59	.61	.63	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
DOT113402HF01FP	2 x 14W	192 x 128	1.2
DOT113403HF01FP	2 x 14W	192 x 128	1.2
DOT1134/09/HF	2 x 17W	192 x 128	1.2



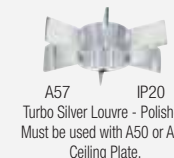
Max Dim(mm)
192 x 128



Options



Accessories - AxLock can be fitted without removing downlight



Secured Access Accessories - Must be fitted prior to downlight installation



Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 2000 Series

The DOT 2000 Series is a compact fluorescent downlight, suitable for modern commercial interiors.



Specifications

- Easy to install and remove, including accessories
- The DOT A60/01 white round ceiling plate supplied as standard.
- Stainless steel mounting springs
- High temperature thermo plastic control gear housing
- Available with Electronic, Analogue, DSI and DALI Dimming
- High temperature thermo plastic lamp holder enclosure
- High temperature lamp holder
- Passivated heavy gauge pressed steel mounting legs
- High purity, post anodised bright aluminium reflector
- A choice of reflector options, /03 satin, /09 faceted and standard is the /02 polished silver
- UV stabilised thermoplastic moulded ceiling ring
- Extensive range of Axlock accessories - interchangeable after installation, without removing the downlight
- Complete with 3 pin flex and plug



Quick Spec

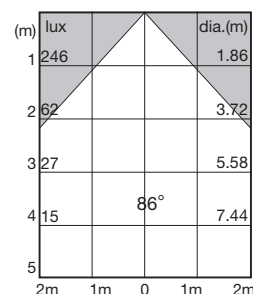
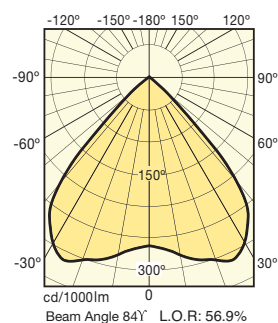
Pierlite DOT recessed open high wattages CFL downlight, compatible with Axlock accessories complete with a 3 pin flex/plug

Design Applications

Office, boardrooms, foyers and public areas.

Performance

DOT 2200 - 2 x 26W TC-D/E



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.41	.47	.50	.53	.56	.58	.59	.61	.62	
	30		.38	.44	.47	.50	.53	.56	.57	.59	.60	
	10		.35	.41	.45	.48	.51	.54	.56	.58	.59	
50	50	20	.40	.46	.49	.51	.54	.56	.57	.59	.59	
	30		.37	.43	.47	.49	.52	.54	.56	.57	.58	
	10		.35	.41	.45	.47	.50	.53	.54	.56	.57	
30	50	20	.40	.45	.48	.50	.53	.54	.55	.57	.57	
	30		.37	.42	.46	.48	.51	.53	.54	.56	.57	
	10		.35	.41	.44	.46	.50	.52	.53	.55	.56	
0	0	0	.34	.39	.43	.45	.48	.50	.51	.52	.53	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
2100/02/LL	1 x 26W TC-D/TC-T	270 x 190	1.2
2300/02/HF	1 x 32/42W TC-T/E	270 x 190	1.2
2000/02/LL	2 x 18W TC-D	270 x 190	1.2
2200/02/HF	2 x 26W TC-D/E	270 x 190	1.2
2400/02/HF	2 x 32/42W TC-T/E	270 x 190	1.2
2700/02/HF	1 x 57W TC-T/E	270 x 190	1.2



Max Dim(mm)
270 x 190



Options



Accessories - AxLock can be fitted without removing downlight

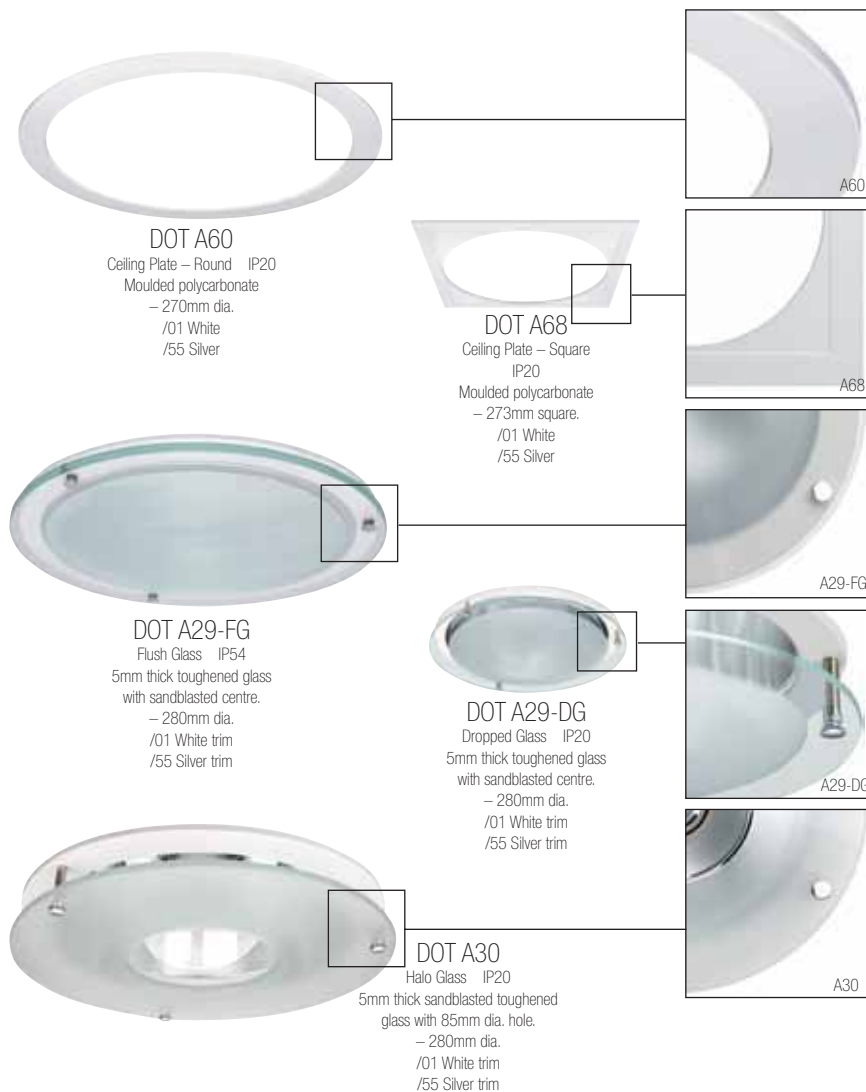


Secured Access Accessories - Must be fitted prior to downlight installation



Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 2000 Series Accessories



DOT 2000 Series Accessories



DOT A64
Recessed Sandblasted Lens IP54
Polycarbonate
– 273mm dia.
/01 White trim
/55 Silver trim



DOT A65
Recessed Sandblasted Lens IP54
Polycarbonate
– 275mm square.
/01 White trim
/55 Silver trim



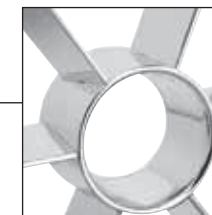
A55



DOT A67
Turbo Silver Louvre IP20
– Polished
Must be used with A60 or A68
ceiling plate.



A67 Turbo Silver Louvre
with
A60 Ceiling Plate



A67 Turbo Silver Louvre with
A68 Ceiling Plate

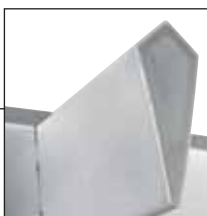
DOT 2000 Series
Secured Access Accessories
Fitted to downlight before installation.



DOT A66
Cross Vane Silver Louvre IP20
Must be used with A60 or A68
ceiling plate.
/02 Polished
/03 Satin



A66 Cross Vane Silver Louvre with
A60 Ceiling Plate



A66 Cross Vane Silver Louvre
with
A68 Ceiling Plate



DOT A31-CL
Clear Lens IP54
Polycarbonate flush mounted
c/w Tri-groove tamper proof
fasteners
– 275mm dia.
/01 White trim
/55 Silver trim



DOT A31-SB
Sandblasted Lens IP54
Polycarbonate, flush mounted
c/w Tri-groove tamper proof
fasteners
– 275mm dia.
/01 White trim
/55 Silver trim



A31-CL



DOT A31-PR
Prismatic Diffuser IP54
Polycarbonate, flush mounted
c/w Tri-groove tamper proof fasteners
– 275mm dia.
/01 White trim
/55 Silver trim

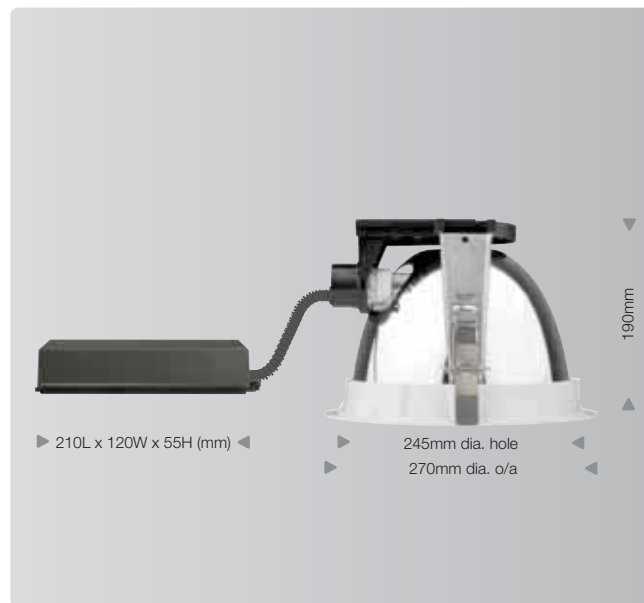


A31-PR



DOT 2017 HE

High efficiencies and high LOR's using the twist and lock TC-HE lamp



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue)
- Axlock accessories available, fitted after installation
- Easy to install

Quick Spec

Pierlite DOT surface mounted downlight, 1 x 14/17W, specular or satin anodised reflector, stainless steel mounting springs, axlock accessories and white trim.

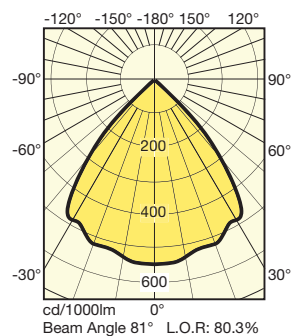
Design Applications

Commercial spaces, foyers, corridors, retail, health sector, warehouses and hotels.

Performance

DOT 2017/02/HF/A60-01 1 x 17W TC-HE

(m)	Actual lux	dia.(m)
1	698	1.69
2	175	3.37
3	78	5.06
4	43	6.75
5		



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.62	.69	.73	.76	.80	.82	.84	.86	.88	
	30		.58	.65	.69	.73	.77	.80	.82	.84	.86	
	10		.54	.62	.67	.70	.74	.77	.80	.83	.84	
50	50	20	.61	.68	.72	.74	.78	.80	.81	.83	.84	
	30		.57	.64	.68	.71	.75	.78	.79	.82	.83	
	10		.54	.61	.66	.69	.73	.76	.78	.80	.82	
30	50	.20	.60	.66	.70	.72	.76	.78	.79	.80	.81	
	30		.57	.63	.67	.70	.74	.76	.77	.79	.80	
	10		.54	.61	.65	.68	.72	.74	.76	.78	.79	
0	0	0	.52	.59	.63	.66	.69	.71	.73	.75	.76	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
2017/02/HF	1 x 14/17 Silver	270 x 190	1.2
2017/03/HF	1 x 14/17W Satin Silver	270 x 190	1.2
2017/09/HF	1 x 14/17W Diamond	270 x 190	1.2



Max Dim(mm)
270 x 190



Options



/02
Polished Silver Reflector



/03
Satin Silver Reflector



/09
Diamond Facetted Silver
Reflector

Accessories - AxLock can be fitted without removing downlight



A60 IP20
Ceiling Plate - Round
/01 White
/55 Silver



A68 IP20
Ceiling Plate - Square
/01 White
/55 Silver



A29-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A29-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A30 IP20
Halo Glass
/01 White trim
/55 Silver trim



A34-FT IP54
Convex Frosted Lens
/01 White trim
/55 Silver trim



A34-FR IP54
Convex Fresnel Lens
/01 White trim
/55 Silver trim



A34-GL IP54
Flat Glass Lens
/01 White trim
/55 Silver trim



A62-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A62-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A63-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A63-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A64 IP54
Recessed
Diffusion Lens
/01 White trim
/55 Silver trim



A65 IP54
Recessed
Diffusion Lens
/01 White trim
/55 Silver trim



A66 IP20
Cross Vane Silver Louvre
Must be used with A60 or
A68 Ceiling Plate.
/02 Polished
/03 Satin



A67 IP20
Turbo Silver Louvre - Polished
Must be used with A60 or A68
Ceiling Plate.

Secured Access Accessories - Must be fitted prior to downlight installation



A31-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A31-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim

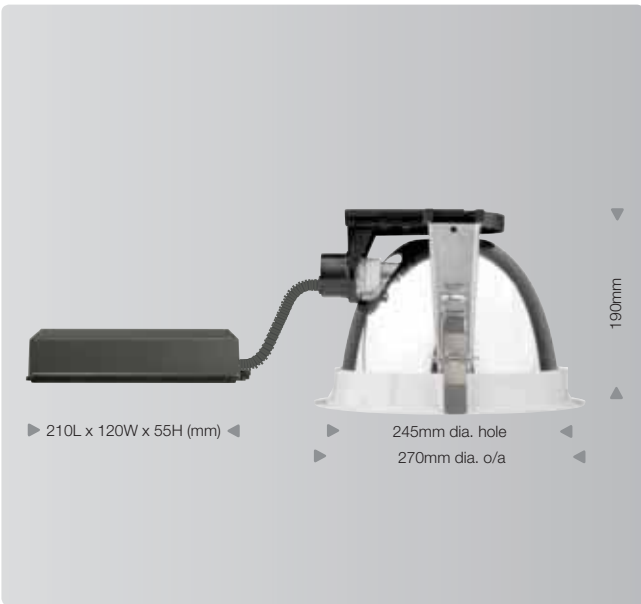


A31-PR IP54
Prismatic Diffuser
/01 White trim
/55 Silver trim

Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 2027 HE

High efficiencies and high LOR's using the TC-HE offering a twist and lock lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue)
- Axlock accessories available, fitted after installation
- Easy to install

Quick Spec

Pierlite DOT recessed downlight, 2 x 14/17W, specular or satin anodised reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector and hotels.

Performance

DOT 2027/02/HF/A60-01 2 x 17W TC-HE

(m)	Actual lux	dia.(m)
1	995	1.40
2	249	2.80
3	110	4.20
4	62	5.60
5		

Beam Angle 88°

Reflectance			Room Index								
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0
70	50	20	.55	.61	.65	.67	.70	.72	.74	.76	.77
	30		.52	.58	.61	.64	.68	.70	.72	.74	.75
	10		.49	.55	.59	.62	.66	.68	.70	.72	.74
50	50	20	.54	.60	.63	.65	.68	.70	.71	.73	.74
	30		.51	.57	.61	.63	.66	.68	.70	.72	.73
	10		.49	.55	.58	.61	.64	.67	.68	.70	.72
30	50	20	.54	.59	.62	.64	.66	.68	.69	.70	.71
	30		.51	.56	.60	.62	.65	.67	.68	.69	.70
	10		.49	.54	.58	.60	.63	.65	.67	.68	.70
0	0	0	.47	.53	.56	.58	.61	.63	.64	.65	.66

Product Codes

Code	Version	Dim (mm)	Mass (kg)
2027/02/HF	2 x 14/17W Silver	270 x 190	1.2
2027/03/HF	2 x 14/17 Satin Silver	270 x 190	1.2
2027/09/HF	2 x 14/17W Diamond	270 x 190	1.2

Options



/02
Polished Silver Reflector



/03
Satin Silver Reflector



/09
Diamond Facetted Silver Reflector

Accessories - AxLock can be fitted without removing downlight



A60 IP20
Ceiling Plate - Round
/01 White
/55 Silver



A68 IP20
Ceiling Plate - Square
/01 White
/55 Silver



A29-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A29-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A30 IP20
Halo Glass
/01 White trim
/55 Silver trim



A34-FT IP54
Convex Frosted Lens
/01 White trim
/55 Silver trim



A34-FR IP54
Convex Fresnel Lens
/01 White trim
/55 Silver trim



A34-GL IP54
Flat Glass Lens
/01 White trim
/55 Silver trim



A62-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



A62-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A63-CL IP65
Flush Clear Lens
/01 White trim
/55 Silver trim



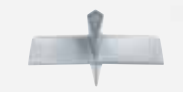
A63-SB IP65
Flush Diffusion Lens
/01 White trim
/55 Silver trim



A64 IP54
Recessed
Diffusion Lens
/01 White trim
/55 Silver trim



A65 IP54
Recessed
Diffusion Lens
/01 White trim
/55 Silver trim



A66 IP20
Cross Vane Silver Louvre
Must be used with A60 or
A68 Ceiling Plate.
/02 Polished
/03 Satin



A67 IP20
Turbo Silver Louvre - Polished
Must be used with A60 or A68
Ceiling Plate.

Secured Access Accessories - Must be fitted prior to downlight installation



A31-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A31-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim

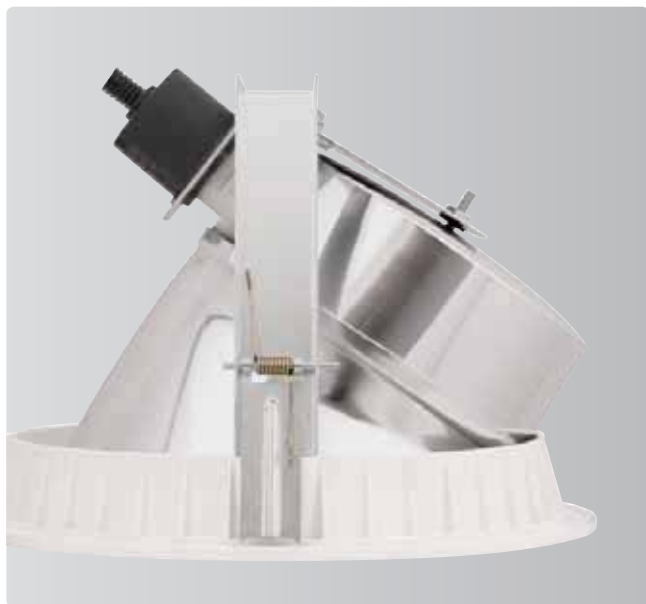


A31-PR IP54
Prismatic Diffuser
/01 White trim
/55 Silver trim

Note: Secured accessories utilise tri-groove nuts. A special tool is required for installation and lamp replacement.

DOT 2860 & DOT 2870

DOT 2860 and 2870 are designed with an asymmetric reflector, providing a 'wall-wash' effect.



Specifications

- Quick and easy to install
- Easy downlight removal system
- Stainless steel mounting springs
- Remote, high temperature thermoplastic control gear housing
- Available with Electronic control gear, Analogue, DSI and DALI dimming
- High temperature lampholders
- Passivated, heavy gauge pressed steel mounting legs
- UV stabilised thermoplastic, moulded ceiling ring
- Range of accessories available
- Supplied with 3 pin flex and plug
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

Pierlite DOT recessed CFL wall wash polished silver reflector, 180mm depth, 245mm cut-out, supplied with a 3 pin flex/plug

Design Applications

Office, boardrooms, reception areas, retail outlets.

Product Codes

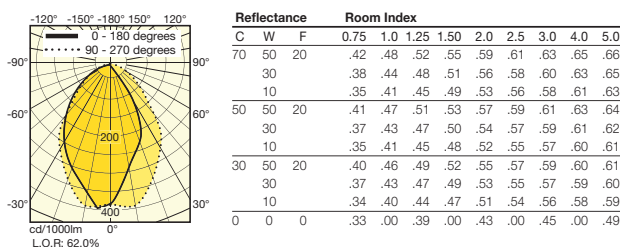
Code	Version	Dim (mm)	Mass (kg)
2860	2 x 18W TC-D 2 pin Low Loss	270 x 180	2.2
2870	2 x 26W TC-D/E 4 Pin EL	270 x 180	2.2

Accessories

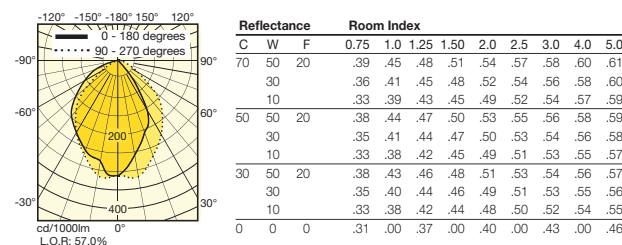


Performance

DOT 2860 - 2 x 18W TC-D



DOT 2870 - 2 x 26W TC-D/E



DOT 2950 & 2960

DOT 2900 double ended metal halide series have an integral clear toughened safety glass.



Specifications

- Passivated, heavy gauge pressed steel mounting legs
- High purity reflector post anodised
- Recessed clear safety glass
- UV stabilised thermoplastic, moulded ceiling ring
- Suitable for Double ended Metal Halide lamps
- Supplied with round earth flex and plug
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

Pierlite DOT recessed Metal Halide downlight, satin reflector suited to compatible Axlock accessories.

Design Applications

Retail showrooms, office and public areas.

Product Codes

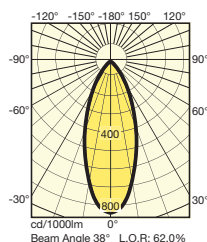
Code	Version	Dim (mm)	Mass (kg)
2950	70W MH-DE (Rx7s)	270 x 190	2.1
2960	150W MH-DE (RX7s)	270 x 190	2.1

Accessories



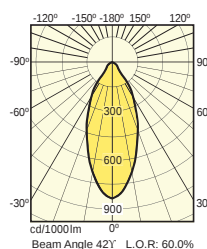
Performance

DOT 2950 - 1 x 70W MH-DE



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.47	.51	.55	.57	.60	.62	.63	.65	.66	
30			.44	.48	.51	.54	.57	.59	.61	.63	.64	
10			.41	.46	.49	.52	.55	.58	.59	.62	.63	
50	50	20	.46	.50	.53	.55	.58	.60	.61	.62	.63	
30			.43	.48	.51	.53	.56	.58	.59	.61	.62	
10			.41	.45	.49	.51	.54	.56	.58	.60	.61	
30	50	20	.45	.49	.52	.54	.56	.58	.59	.60	.61	
30			.43	.47	.50	.52	.55	.56	.58	.59	.60	
10			.41	.45	.48	.50	.53	.55	.56	.58	.59	
0	0	0	.40	.00	.44	.00	.47	.00	.49	.00	.51	

DOT 2960 - 1 x 150W MH-DE



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.46	.50	.54	.56	.59	.61	.62	.64	.65	
30			.43	.47	.51	.53	.56	.59	.60	.62	.64	
10			.40	.45	.48	.51	.54	.57	.58	.61	.62	
50	50	20	.45	.49	.52	.54	.57	.59	.60	.62	.63	
30			.42	.47	.50	.52	.55	.57	.58	.60	.61	
10			.40	.45	.48	.50	.53	.55	.57	.59	.60	
30	50	20	.44	.48	.51	.53	.55	.57	.58	.59	.60	
30			.42	.46	.49	.51	.54	.56	.57	.58	.59	
10			.40	.44	.47	.49	.52	.54	.56	.57	.59	
0	0	0	.39	.43	.46	.48	.50	.52	.53	.55	.56	

IP44



Max Dim(mm)
270 x 190



Downlights



201

DOT 370 Surface Mount

High quality surface mount downlight, designed for single 18W, 26W, 32W and 42W CFL lamps.



Specifications

- Single lamp model in 26/32/42W TC-T/E Compact fluorescent lamps offering a solution for a variety of applications
- Integrated multi-watt electronic ballast maximising energy efficiency for the TC-T/E configuration
- Also available in Low Loss format 1 x 18W and 1 x 26W CFL.
- Options include 0-10V, DSI and DALI dimming with remote control gear
- Complete with polished silver reflector for enhanced performance
- Easy installation with unique mounting system
- Can accept DOT370 accessories via AxLock system
- Spun aluminium housing for a durable solution
- Supplied less lamps
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

Pierlite DOT spun white aluminium housing, polished silver reflector, compatible with the nominated Axlock accessories.

Design Applications

Foyers, showrooms, retail, shopping centres.

Product Codes

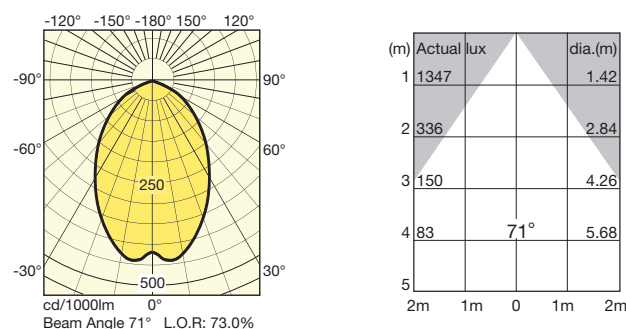
Code	Version	Dim (mm)	Mass (kg)
370/02/HF/SM	1 x 26/32/42W TC-T/E	192 x 260	1.6

Accessories



Performance

DOT 370 - 42W TC-T/E



Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.50	.57	.61	.65	.69	.72	.74	.76	.78	
	30		.45	.52	.57	.61	.66	.69	.71	.74	.76	
	10		.42	.49	.54	.58	.63	.66	.69	.72	.75	
50	50	20	.49	.55	.60	.63	.67	.70	.71	.74	.75	
	30		.44	.51	.56	.60	.64	.67	.69	.72	.74	
	10		.41	.48	.53	.57	.62	.65	.67	.70	.72	
30	50	20	.48	.54	.58	.61	.65	.67	.69	.71	.72	
	30		.44	.51	.55	.58	.63	.65	.67	.70	.71	
	10		.41	.48	.53	.56	.61	.64	.66	.68	.70	
0	0	0	.40	.00	.46	.00	.51	.00	.54	.00	.58	

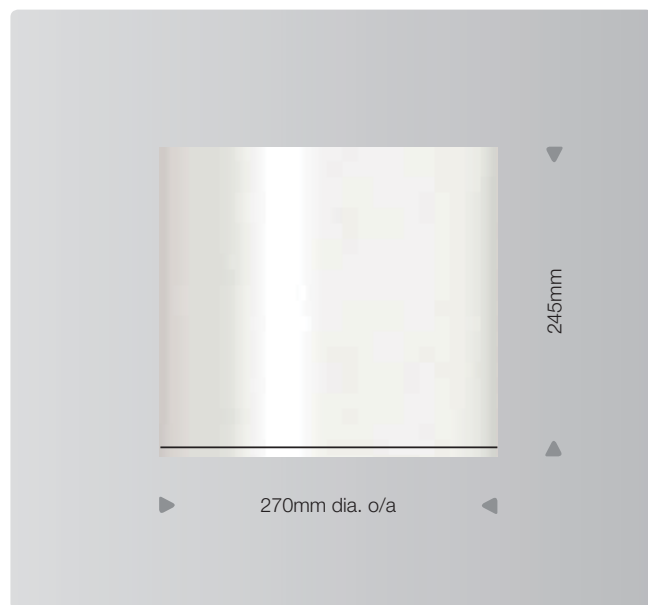


Max Dim(mm)
192 x 260



DOT 2200 Surface Mount

Single and Twin 18W and 26W compact fluorescent surface mount downlight series.



Specifications

- 1 x 18/26W and 2 x 18/26W TC-D/E lamp model providing low glare performance
- Integrated electronic ballast or low loss options.
- Options include 0-10V, DSI and DALI dimming with remote control gear
- Choice of polished silver, satin silver or diamond faceted reflector
- Easy installation with unique mounting system
- Can accept DOT2000 accessories via AxLock system
- Spun aluminium housing for a durable solution
- Supplied less lamps
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

Pierlite DOT spun white aluminium housing, integrated control gear, standard polished silver reflector CFL surface mounted downlight.

Design Applications

Foyers, lobbies, shopping centres, schools, universities, TAFE's.

Product Codes

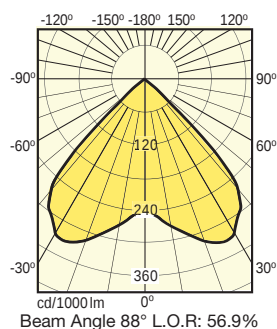
Code	Version	Dim (mm)	Mass (kg)
2200/02/HF/SM	2 x 26W TC-D/E	270 x 245	1.7

Accessories



Performance

DOT 2200/02/HF/SM



(m)	Actual lux	dia.(m)
1	885	1.93
2	223	3.86
3	97	5.79
4	58	7.72
5		

Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.41	.47	.50	.53	.56	.58	.59	.61	.62	
	30		.38	.44	.47	.50	.53	.56	.57	.59	.60	
	10		.35	.41	.45	.48	.51	.54	.56	.58	.59	
50	50	20	.40	.46	.49	.51	.54	.56	.57	.59	.59	
	30		.37	.43	.47	.49	.52	.54	.56	.57	.58	
	10		.35	.41	.45	.47	.50	.53	.54	.56	.57	
30	50	20	.40	.45	.48	.50	.53	.54	.55	.57	.57	
	30		.37	.42	.46	.48	.51	.53	.54	.56	.57	
	10		.35	.41	.44	.46	.50	.52	.53	.55	.56	
0	0	0	.34	.39	.43	.45	.48	.50	.51	.52	.53	



Max Dim(mm)
270 x 245



DOT 4000 Series

The DOT 4000 Series is a superior square downlight which accepts compact fluorescent lamps.



Specifications

- Die cast bezel
- Quick and easy to install, including accessories
- Easy downlight removal system
- Stainless steel mounting springs
- Remote, high temperature thermoplastic control gear housing
- High temperature lamp holders
- Passivated, heavy gauge pressed steel mounting legs
- Higher Specification Alanod material, /02 Miro 4 polished silver, /03 Miro 20 satin silver aluminium reflector,
- Large range of accessories - interchangeable after installation
- Choice of reflector options and bezel colours
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

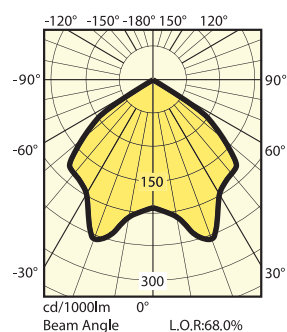
Pierlite DOT die cast bezel, square recessed CFL downlight, high specification Alanod Miro options, high temperature housing and lamp holders.

Design Applications

Office, boardrooms, foyers, medical centres, retail outlets and exterior walkways.

Performance

DOT 4030 - 2 x 18W TC-D



(m)	lux	dia.(m)
1	190	3.08
2	48	6.16
3	21	9.24
4		12.32
5		
	2m	1m 0 1m 2m

Reflectance			Room Index								
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0
70	50	20	#N/A	.56	.60	.62	.66	.69	.70	.73	.74
	30		#N/A	.52	.56	.59	.64	.66	.68	.71	.72
	10		#N/A	.49	.53	.56	.61	.64	.66	.69	.71
50	50	20	#N/A	.55	.58	.61	.65	.67	.68	.70	.71
	30		#N/A	.51	.55	.58	.62	.65	.66	.68	.70
	10		#N/A	.49	.52	.56	.60	.63	.65	.67	.69
30	50	20	#N/A	.54	.57	.59	.63	.65	.66	.68	.69
	30		#N/A	.51	.54	.57	.61	.63	.64	.66	.68
	10		#N/A	.48	.52	.55	.59	.61	.63	.65	.67
0	0	0	#N/A	.47	.50	.53	.57	.59	.60	.62	.63

Product Codes

Code	Version	Dim (mm)	Mass (kg)
4020/02/LL	1 x 18W TC-D 2 pin	192 x 130	2.3
4010/02/LL	2 x 13W TC-D 2 pin	192 x 130	2.3
4030/02/LL	2 x 18W TC-D 2 pin	192 x 130	2.3
4050/02/HF	2 x 26W TC-D/E 4 pin	192 x 130	2.3
4040/02/HF	1 x 26W TC-D/E 4 pin	192 x 130	2.3



Options

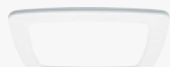


/02
Polished Silver Reflector

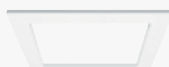


/03
Satin Silver Reflector

Accessories - AxLock can be fitted without removing downlight



DOT A40 IP20
Ceiling Plate - SoftSquare®
/01 White
/55 Silver



DOT A48 IP20
Ceiling Plate - Square
/01 White
/55 Silver



DOT A42-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



DOT A42-SB IP54
Sandblasted Lens
/01 White trim
/55 Silver trim



DOT A44-FL IP54
Flush Lens
/01 White trim
/55 Silver trim



DOT A44-DL IP20
Dropped Lens
/01 White trim
/55 Silver trim



DOT A45-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



DOT A45-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



DOT A49-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



DOT A49-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim

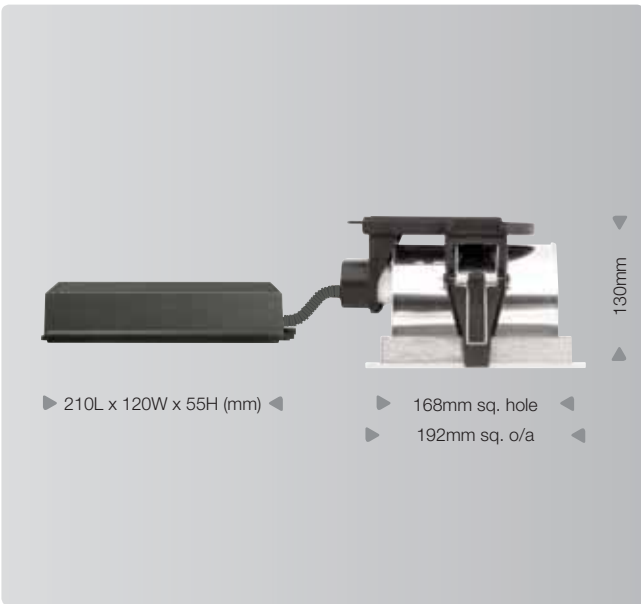


DOT A46 IP20
Cross Vane Silver Louvre
Must be used with A40 or
A48 Ceiling Plate.
/02 Polished
/03 Satin



DOT 4027 HE

DOT 4027 has high efficiencies and LORs using the twist and lock TC-HE lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue options available)
- Axlock accessories available, fitted after installation
- Easy to install

Quick Spec

Pierlite DOT recessed square wallwasher, 1 x 14, Alanod miro 4 and miro 20 reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector and hotels

Performance

DOT 4027/02/HF/A48-01 1 x 17W TC-HE

(m)	Actual lux	dia.(m)
1	420	2.98
2	105	5.96
3	46	8.94
4	26	11.92
5		

Beam Angle 112° L.O.R: 89.4%

Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.60	.68	.74	.79	.85	.88	.91	.94	.96	
	30		.54	.62	.69	.74	.80	.84	.87	.91	.93	
	10		.49	.58	.65	.70	.77	.81	.84	.88	.91	
50	50	20	.58	.66	.72	.77	.82	.85	.87	.90	.92	
	30		.53	.61	.68	.72	.78	.82	.85	.88	.90	
	10		.49	.57	.64	.69	.75	.79	.82	.86	.88	
30	50	20	.57	.65	.70	.74	.79	.82	.84	.87	.89	
	30		.53	.60	.67	.71	.76	.80	.82	.85	.87	
	10		.49	.57	.63	.68	.74	.78	.80	.84	.86	
0	0	0	.47	.55	.61	.65	.71	.74	.77	.80	.82	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
4027/02/HF	1 x 14/17 polished silver	192 x 130	1.2
4027/03/HF	1 x 14/17W satin silver	192 x 130	1.2

Options



/02
Alano Miro 4 Reflector

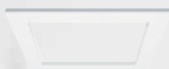


/03
Alano Miro 20 Reflector

Accessories - AxLock can be fitted without removing downlight



A40 IP20
Ceiling Plate - SoftSquare®
/01 White
/55 Silver



A48 IP20
Ceiling Plate - Square
/01 White
/55 Silver



A42-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A42-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim



A43-CL IP54
Square Flush
Clear Lens
/01 White trim
/55 Silver trim



A43-SB IP54
Square Flush
Diffusion Lens
/01 White trim
/55 Silver trim



A44-FL IP54
Flush Lens
/01 White trim
/55 Silver trim



A44-DL IP20
Dropped Lens
/01 White trim
/55 Silver trim



A45-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A45-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A49-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



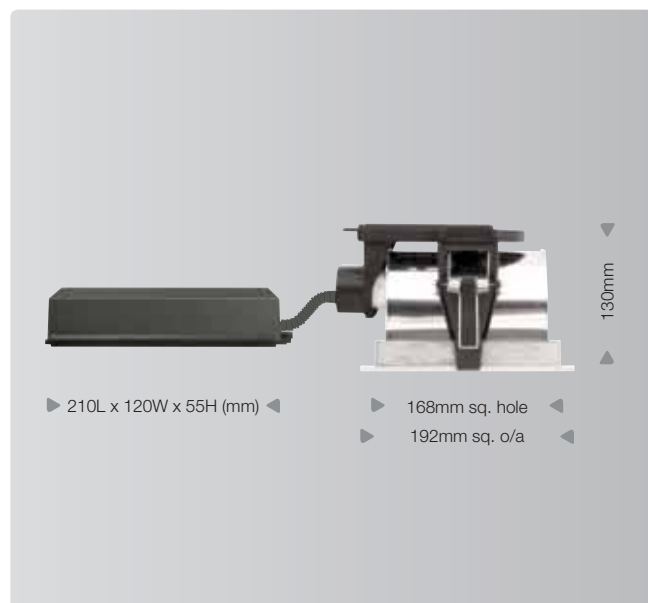
A49-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A46 IP20
Cross Vane Silver Louvre
Must be used with A40 or
A48 Ceiling Plate.
/02 Polished
/03 Satin

DOT 4034 HE

High efficiencies and high LORs using the TC-HE offering a twist and lock lamp.



Specifications

- High temperature thermoplastic frame, lamp holder and control gear housing.
- Twist & Lock lamp base
- Integral reflector locking key for quick, positive reflector fixing
- UV stabilized moulded ceiling ring.
- Patented stainless steel downlight mounting system for easy tool-free installation
- Silver passivated, heavy gauge, pressed steel mounting legs
- Electronic dimmable ballast (DALI, DSI, Analogue options available)
- Axlock accessories available, fitted after installation
- Easy to install

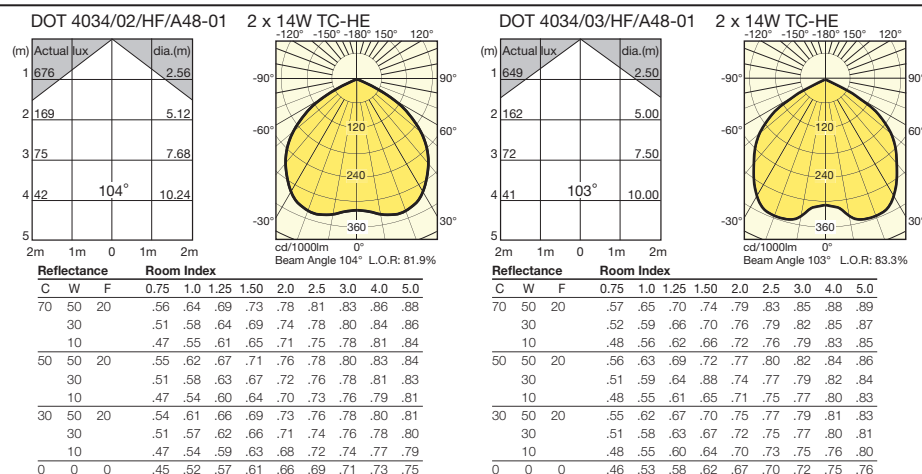
Quick Spec

Pierlite DOT recessed square downlight, 2 x 14, Alanod miro 4 and miro 20 reflector, stainless steel mounting springs, axlock accessories and white trim.

Design Applications

Commercial spaces, foyers, corridors, retail, health sector, warehouses and hotels

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
4034/03/HF	2 x 14 satin silver	192 x 130	1.3



Options



/02
Alano Miro 4 Reflector

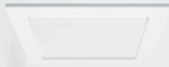


/03
Alano Miro 20 Reflector

Accessories - AxLock can be fitted without removing downlight



A40 IP20
Ceiling Plate - SoftSquare®
/01 White
/55 Silver



A48 IP20
Ceiling Plate - Square
/01 White
/55 Silver



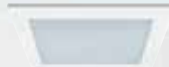
A42-CL IP54
Clear Lens
/01 White trim
/55 Silver trim



A42-SB IP54
Diffusion Lens
/01 White trim
/55 Silver trim



A43-CL IP54
Square Flush
Clear Lens
/01 White trim
/55 Silver trim



A43-SB IP54
Square Flush
Diffusion Lens
/01 White trim
/55 Silver trim



A44-FL IP54
Flush Lens
/01 White trim
/55 Silver trim



A44-DL IP20
Dropped Lens
/01 White trim
/55 Silver trim



A45-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A45-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A49-FG IP54
Flush Glass
/01 White trim
/55 Silver trim



A49-DG IP20
Dropped Glass
/01 White trim
/55 Silver trim



A46 IP20
Cross Vane Silver Louvre
Must be used with A40 or
A48 Ceiling Plate.
/02 Polished
/03 Satin

DOT 4000 Wallwash

DOT 4000 wallwash series is a professional range of square wallwash downlights.



Specifications

- Single lamp high performance wall washer
- Die cast bezel
- Quick and easy to install, including accessories
- Easy downlight removal system
- Stainless steel mounting springs
- Remote, high temperature thermoplastic control gear housing
- Available with Analogue, DSI and DALI Dimming
- High temperature lampholders
- Passivated, heavy gauge pressed steel mounting legs
- Complete with DOT A48 square ceiling white plate
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



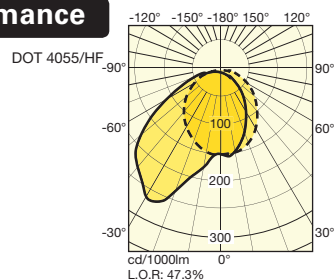
Quick Spec

Pierlite DOT die cast bezel, recessed wallwash single CFL formats

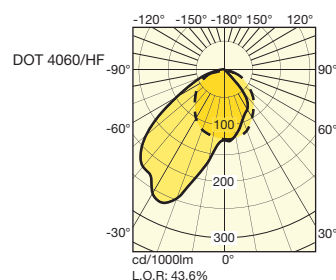
Design Applications

Office, boardrooms, foyers, medical centres, retail.

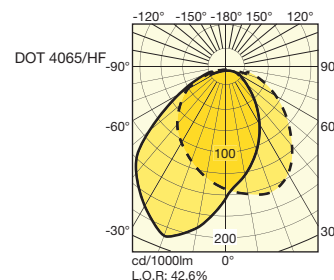
Performance



Reflectance			Room Index										
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0		
70	50	20	.30	.34	.38	.40	.43	.45	.47	.49	.50		
30			.27	.31	.35	.37	.41	.43	.45	.47	.49		
10			.24	.28	.32	.35	.39	.41	.43	.46	.47		
50	50	20	.29	.33	.37	.39	.42	.44	.45	.47	.48		
30			.26	.30	.34	.36	.40	.42	.43	.45	.47		
10			.24	.28	.32	.34	.38	.40	.42	.44	.46		
30	50	20	.29	.32	.36	.38	.40	.42	.44	.45	.46		
30			.26	.30	.33	.36	.39	.41	.42	.44	.45		
10			.24	.28	.31	.34	.37	.39	.41	.43	.44		
0	0	0	.23	.27	.30	.32	.36	.38	.39	.41	.42		



Reflectance			Room Index										
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0		
70	50	20	.28	.31	.35	.37	.40	.42	.43	.45	.46		
30			.25	.28	.32	.34	.37	.40	.41	.43	.45		
10			.22	.26	.29	.32	.35	.38	.39	.42	.43		
50	50	20	.27	.31	.34	.36	.38	.40	.41	.43	.44		
30			.24	.28	.31	.33	.36	.38	.40	.42	.43		
10			.22	.26	.29	.31	.35	.37	.39	.41	.42		
30	50	20	.26	.30	.33	.35	.37	.39	.40	.41	.42		
30			.24	.27	.31	.33	.36	.37	.39	.40	.42		
10			.22	.26	.29	.31	.34	.36	.38	.39	.41		
0	0	0	.21	.25	.28	.30	.33	.34	.36	.38	.39		



Reflectance			Room Index										
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0		
70	50	20	.27	.31	.34	.36	.39	.41	.42	.44	.45		
30			.24	.28	.31	.33	.36	.38	.39	.41	.42		
10			.22	.26	.29	.31	.35	.37	.39	.41	.42		
50	50	20	.27	.30	.33	.35	.38	.39	.40	.42	.43		
30			.24	.27	.30	.33	.36	.38	.39	.41	.42		
10			.22	.25	.29	.31	.34	.36	.38	.40	.41		
30	50	20	.26	.29	.30	.34	.36	.38	.39	.40	.41		
30			.24	.27	.30	.32	.35	.36	.38	.39	.41		
10			.22	.25	.28	.30	.33	.35	.37	.39	.40		
0	0	0	.21	.24	.27	.29	.32	.34	.35	.37	.38		

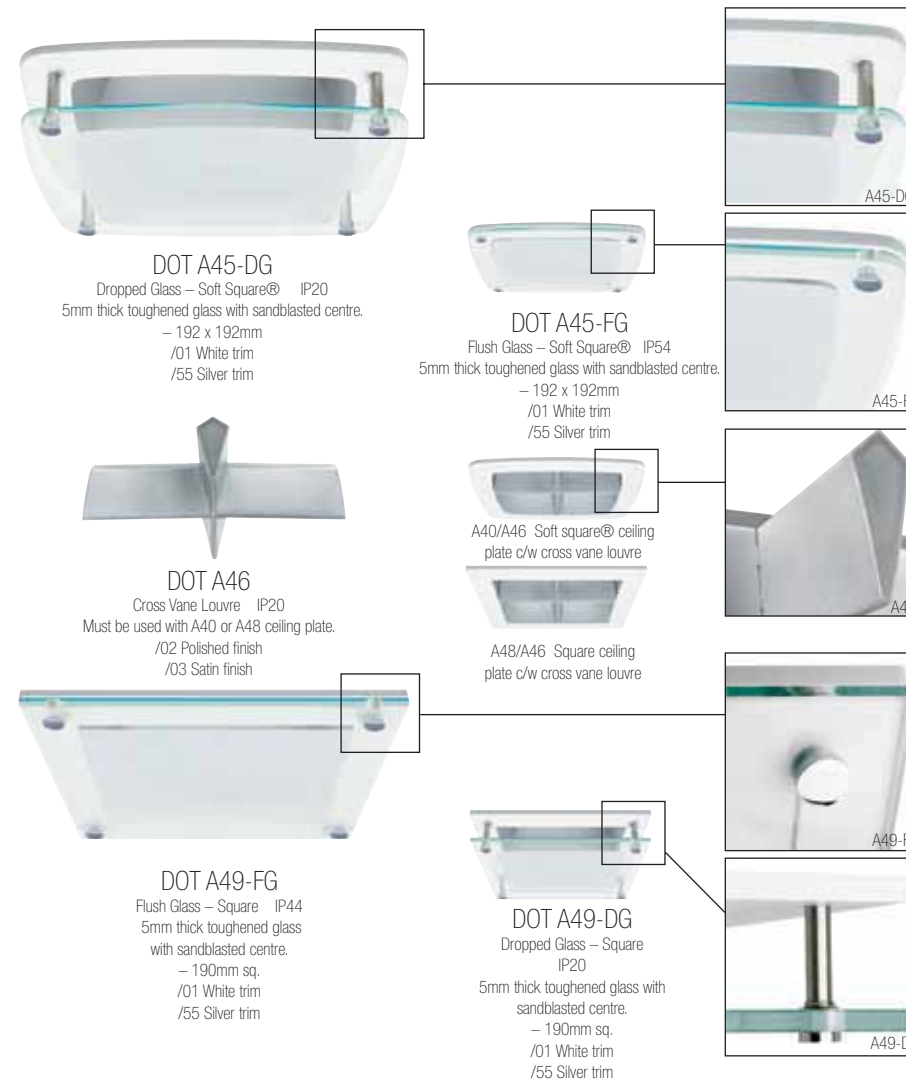
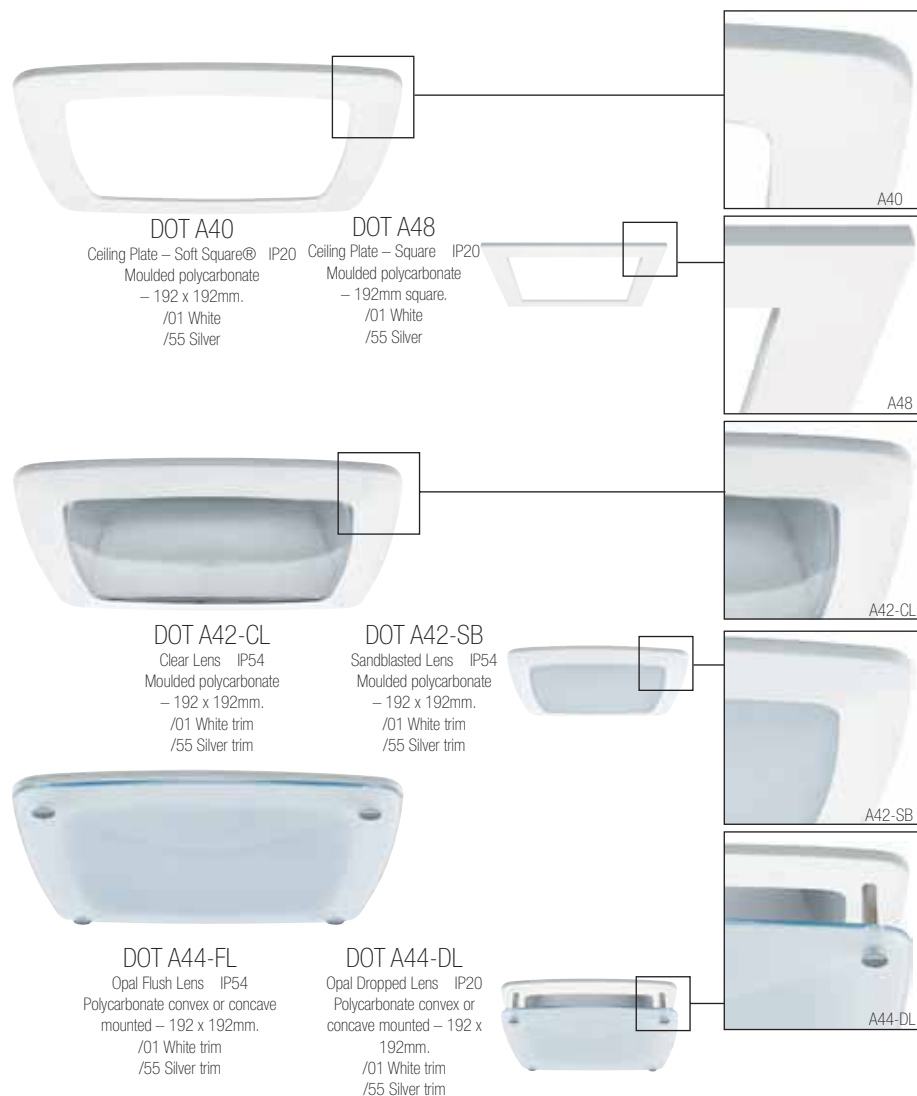
Product Codes

Code	Version	Dim (mm)	Mass (kg)
4055/02/HF	1 x 18W TC-D/E EL	192 x 130	1.4
4057/HF	1x14/17W Wallwasher	192 x 130	1.4
4060/02/HF	1 x 26W TC-D/E EL	192 x 130	1.4
4065/02/HF	1 x 32W TC-D/E EL	192 x 130	1.4

Accessories



DOT4000 AxLock Accessories







DOT 70 CDM-TC

The DOT 70 beam modulator is a recessed projector which offers more flexibility than any other downlight.



Specifications

- Variable beam (13°-81° for 70W CDM-TC)
- 35° tilt
- 358° rotation
- CDM-TC lamp technology 20, 35, 70W
- Easy Lamp replacement
- Double skin reflector assembly
- Thermoplastic construction
- Quick and easy to install
- Easy downlight removal system
- Remote Electronic control gear
- Double insulated
- Three colours, white, silver, gun metal
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

Pierlite DOT recessed adjustable 70W CDM-TC complete with remote electronic control gear.

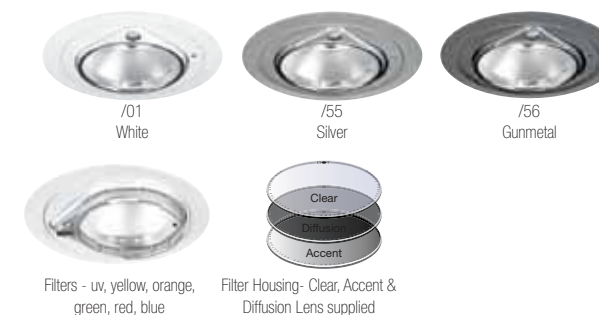
Design Applications

Shop windows, retail applications, jewellery stores.

Product Codes

Code	Version	Dim (mm)	Mass (kg)
DOT70/20G85/4/W	20W CDM-TC	165 x 185	0.14
DOT70/35G85/4/W	35W CDM-TC	165 x 185	0.14
DOT70/70G85/4/W	70W CDM-TC	165 x 185	0.14

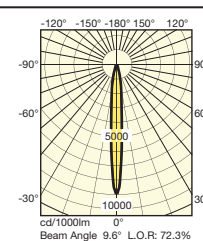
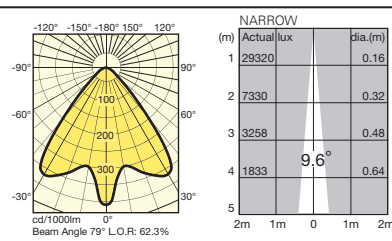
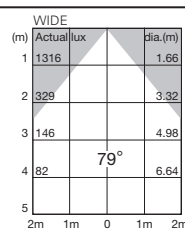
Accessories



Performance

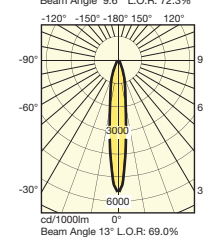
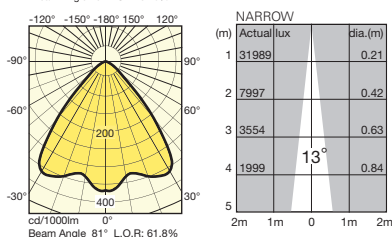
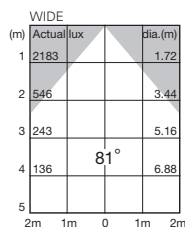
DOT 70-35W-G8.5

		Room Index										
Reflectance	C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0
70	50	20		.45	.51	.55	.57	.61	.63	.65	.67	.68
	30			.41	.47	.51	.54	.58	.61	.62	.65	.66
	10			.38	.44	.49	.52	.56	.59	.61	.63	.65
50	50	20		.44	.50	.53	.56	.59	.61	.62	.64	.65
	30			.40	.46	.50	.53	.57	.59	.61	.63	.64
	10			.38	.44	.48	.51	.55	.57	.59	.62	.63
30	50	20		.43	.49	.52	.54	.57	.59	.60	.62	.63
	30			.40	.46	.49	.52	.55	.58	.59	.61	.62
	10			.38	.44	.47	.50	.54	.56	.58	.60	.61
0	0	0		.37	.42	.46	.48	.52	.54	.55	.57	.58



DOT 70-70W-G8.5

		Room Index										
Reflectance	C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0
70	50	20		.45	.50	.54	.57	.60	.62	.64	.66	.67
	30			.41	.47	.51	.54	.57	.60	.62	.64	.66
	10			.38	.44	.48	.51	.55	.58	.60	.63	.64
50	50	20		.44	.49	.53	.56	.59	.61	.62	.64	.65
	30			.40	.46	.50	.53	.56	.58	.60	.62	.63
	10			.38	.44	.48	.51	.55	.57	.59	.61	.62
30	50	20		.43	.48	.52	.54	.57	.59	.60	.62	.63
	30			.40	.46	.49	.52	.55	.57	.58	.60	.61
	10			.38	.43	.47	.50	.53	.56	.57	.59	.60
0	0	0		.37	.42	.46	.48	.51	.53	.55	.56	.58



IP20



0.14kg

Max. Mass

Max Dim(mm)
165 x 185



ta 25

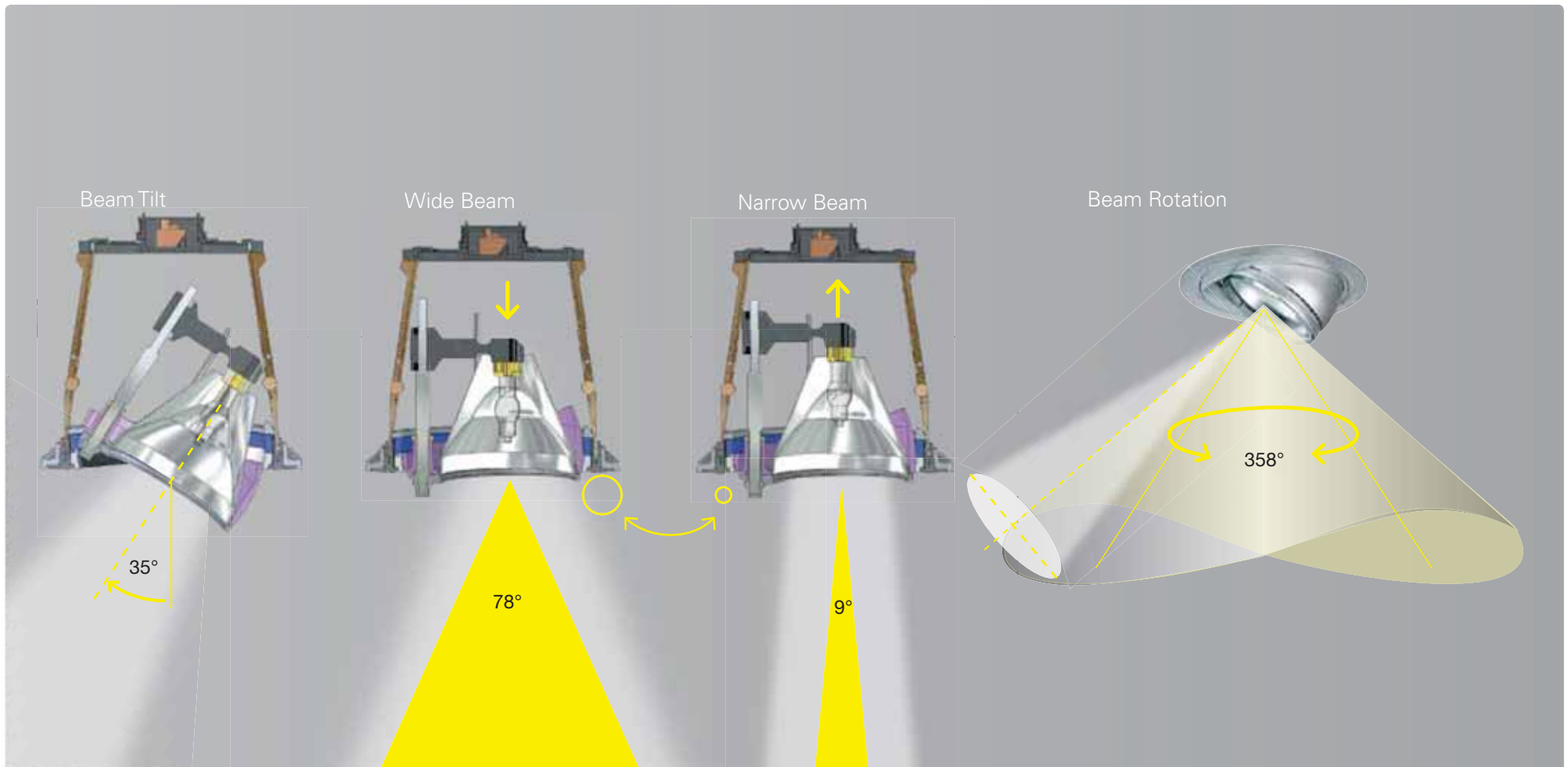


Green





Beam Adjustment



DOT 70 CDM-TM

DOT 70 beam modulator is a recessed projector which offers more features than any other downlight.



Specifications

- Variable beam (9° - 78° 20W model)
- 35° tilt, 358 deg rotation
- 20/35W CDM-TM and 75W TH
- Double skin reflector assembly
- Thermoplastic construction
- Easy downlight removal system
- Complete with remote electronic control gear (CDM-TM versions)
- Double insulated
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size



Quick Spec

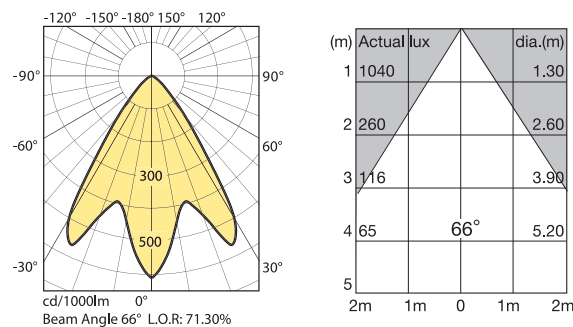
Pierlite DOT adjustable, double skin reflector assembly, remote electronic control gear, white thermoplastic construction ideal for feature and display illumination.

Design Applications

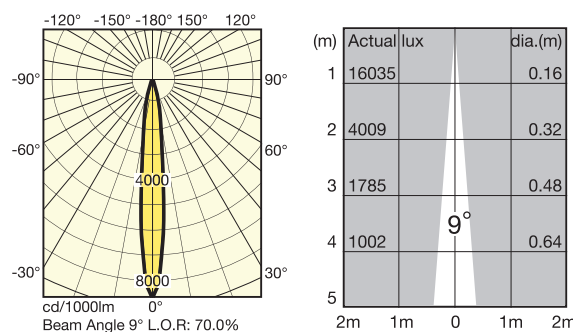
Shop lighting, display lighting, office foyers, board rooms, hotel foyers, exhibitions, art galleries.

Performance

DOT 70 - 20W CDM-Tm Wide Beam



DOT 70/20W/PGJ5/NARROW



Product Codes

Code	Version	Dim (mm)	Mass (kg)
DOT70/20/GY/G	75W Gunmetal	165 x 185	0.14
DOT70/20/GY/S	75W Silver	165 x 185	0.14
DOT70/20/GY/W	75W White	165 x 185	0.14
DOT70/20/PGJ5/G	20W Gunmetal	165 x 185	0.14
DOT70/20/PGJ5/S	20W Silver	165 x 185	0.14
DOT70/20/PGJ5/W	20W White	165 x 185	0.14
DOT70/35/PGJ5/G	35W Gunmetal	165 x 185	0.14
DOT70/35/PGJ5/S	35W Silver	165 x 185	0.14
DOT70/35/PGJ5/W	35W White	165 x 185	0.14



IP20



Max. Mass

Max Dim(mm)
165 x 185



ta 25

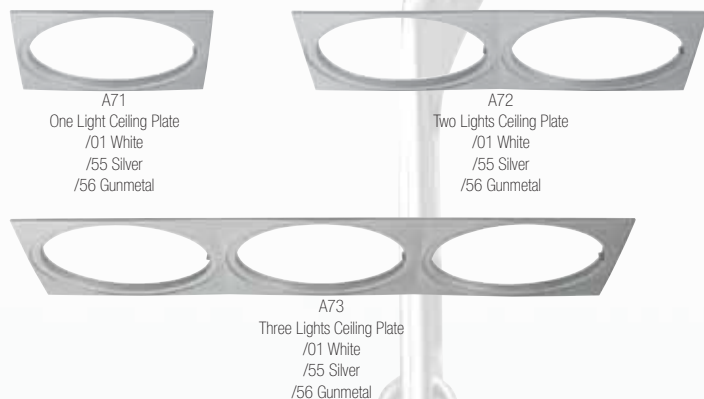


DOT 70 CDM-TM

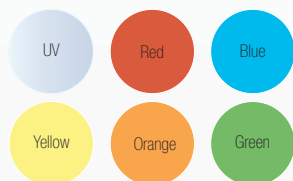
Options



Accessories



Filters



Filter Housing



Accessories

DOTA71/01	Square Ceiling Plate White	BLUFILTER	Blue Filter
DOTA71/55	Square Ceiling Plate Silver	DIFFUSION	Diffusion
DOTA71/56	Square Ceiling Plate Gun Metal	GRNFILTER	Green Filter
DOTA72/01	Two Light Square Ceiling Plate White	ORGFILTER	Orange Filter
DOTA72/55	Two Light Square Ceiling Plate Silver	REDFILTER	Red Filter
DOTA72/56	Two Light Square Ceiling Plate Gun Metal	UVFILTER	UV Filter
DOTA73/01	Three Light Square Ceiling Plate White	YELFILTER	Yellow Filter
DOTA73/55	Three Light Square Ceiling Plate Silver		
DOTA73/56	Three Light Square Ceiling Plate Gun Metal		





DOT 375 Dust Proof

Dust proof recessed energy efficient downlight designed for CFL lamp sources.



Specifications

- Ideal for Insect proof applications (IP65 Dust Proof Optical Assembly SA/01 must be ordered separately)
- Supplied less lamp
- Sealed above and below the ceiling
- Multi wattage downlight - 1 x 26W/32W
- Suitable for dimming; analogue, DSI or DALI
- Polished silver reflector only
- Supplied with 3 pin flex and plug
- For installation requirements beyond standard 10mm plaster, contact your local Pierlite Customer Service Centre for special installation instructions inclusive of cut out size

Quick Spec

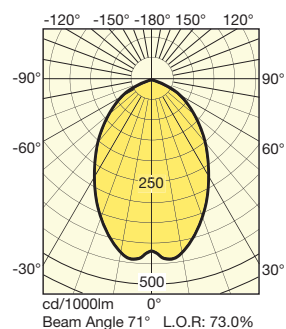
Pierlite DOT recessed downlight sealed above and below the ceiling using the IP65 dust proof optical assembly, satin silver reflector.

Design Applications

Under eaves or verandahs, foyers.

Performance

DOT 375 - 42W TC-T/E



(m)	Actual lux	dia.(m)
1	1347	1.42
2	336	2.84
3	150	4.26
4	83	5.68
5		

2m 1m 0 1m 2m

Reflectance			Room Index									
C	W	F	0.75	1.0	1.25	1.50	2.0	2.5	3.0	4.0	5.0	
70	50	20	.50	.57	.61	.65	.69	.72	.74	.76	.78	
	30		.45	.52	.57	.61	.66	.69	.71	.74	.76	
	10		.42	.49	.54	.58	.63	.66	.69	.72	.75	
50	50	20	.49	.55	.60	.63	.67	.70	.71	.74	.75	
	30		.44	.51	.56	.60	.64	.67	.69	.72	.74	
	10		.41	.48	.53	.57	.62	.65	.67	.70	.72	
30	50	20	.48	.54	.58	.61	.65	.67	.69	.71	.72	
	30		.44	.51	.55	.58	.63	.65	.67	.70	.71	
	10		.41	.48	.53	.56	.61	.64	.66	.68	.70	
0	0	0	.40	.00	.46	.00	.51	.00	.54	.00	.58	

Product Codes

Code	Version	Dim (mm)	Mass (kg)
375/02/HF	1 x 26/32	192 x 226	0.9





DOT 9234, DOT 9238

The DOT 9200 Series is utilising the latest technology in LED and dedicated driver.



Specifications

- Compact dimensions 146mm Depth in conjunction with Cree.
- Dedicated LED Cree engine
- Latest high efficiency Cree XM-L LED Chips (75-90Lm/W)
- 3000K and 4000K, CRI 80
- Long LED life 50,000 hours, low maintenance in difficult to access areas
- DALI controlled drivers available 1050mA Driver for the 3000Lm option
- Two reflectors 64° and 73° available
- Unique patented mounting system
- AXLOCK compatible offering large variety of accessories
- Cool Beam with no downward heat generation
- No ultraviolet or infrared light and mercury free
- Satin diamond faceted finish reflector
- Complete with 3 pin flex and plug, White trim.

Quick Spec

Pierlite DOT recessed high performance LED technology, shallow depth of 146mm complete with compatible driver.

Design Applications

Hotel, retail spaces, public areas, high ceiling voids, health sector, commercial environments.

Product Codes

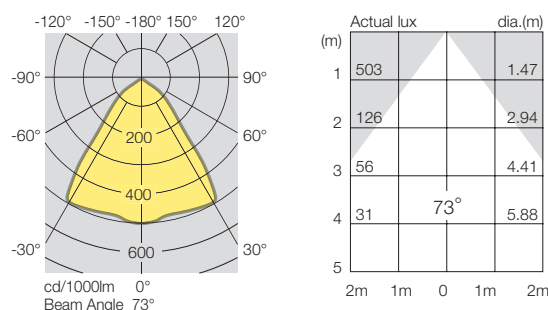
Code	Version	Dim (mm)	Mass (kg)
DOT 9234	14W LED	155 x 146	1.2
DOT 9238	14W LED	155 x 146	1.2

Accessories

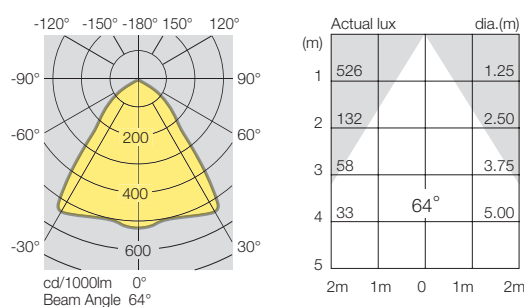


Performance

DOT 9238/30 1 x 1100 Lm 73° Beam



DOT 9238/40 1 x 1100 Lm 64° Beam



IP20



Max Dim(mm)
155 x 146



DOT 9274 DOT 9278

The DOT 9200 Series is utilising the latest technology in LED and dedicated driver.



Specifications

- Compact dimensions 146mm depth in conjunction with Cree.
- Dedicated LED Cree engine
- Latest high efficiency Cree XM-L LED Chips (75-90Lm/W)
- 3000K and 4000K, CRI 80
- Long LED life 50,000 hours, low maintenance in difficult to access areas
- DALI controlled drivers available
- Two reflectors 36° and 73° available
- Unique patented mounting system
- AXLOCK compatible offering large variety of accessories
- Cool Beam with no downward heat generation
- No ultraviolet or infrared light and mercury free
- Satin diamond faceted finish reflector
- Complete with 3 pin flex and plug, White trim.

Quick Spec

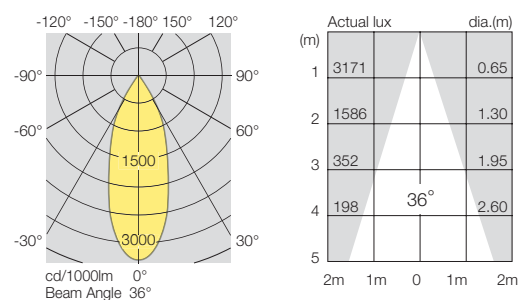
Pierlite DOT recessed high performance LED technology, shallow depth of 146mm complete with compatible driver.

Design Applications

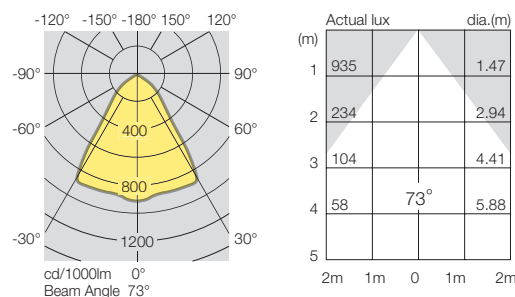
Hotel, retail spaces, public areas, high ceiling voids, health sector, commercial environments.

Performance

DOT 9274/40 1 x 2000 Lm 36° Beam



DOT 9278/30 1 x 2000 Lm 73° Beam



Product Codes

Code	Version	Dim (mm)	Mass (kg)
9274	21W LED	155 x 146	1.2
9278	21W LED	155 x 146	1.2

Accessories



IP20

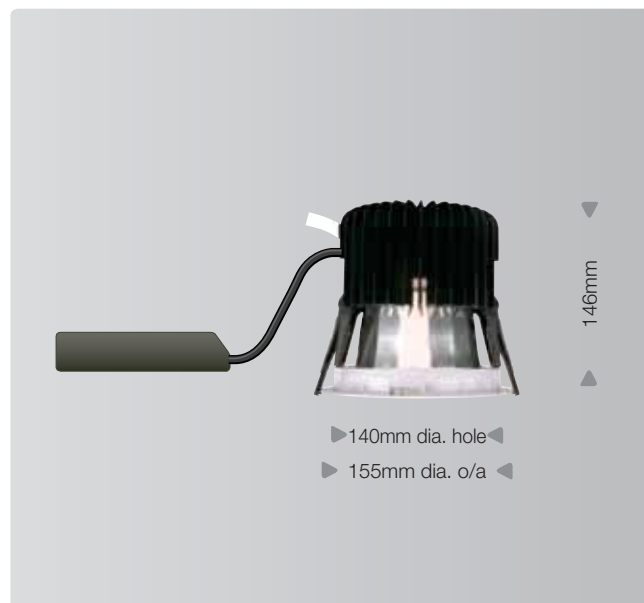


Max Dim(mm)
155 x 146



DOT 9294 DOT 9298

The DOT 9200 Series is utilising the latest technology in LED and dedicated driver.



Specifications

- Compact dimensions 146mm depth in conjunction with Cree.
- Dedicated LED Cree engine
- Latest high efficiency Cree XM-L LED Chips (75-90Lm/W)
- 3000K and 4000K, CRI 80
- Long LED life 50,000 hours, low maintenance in difficult to access areas
- DALI controlled drivers available
- Two reflectors 38° and 73° available
- Unique patented mounting system

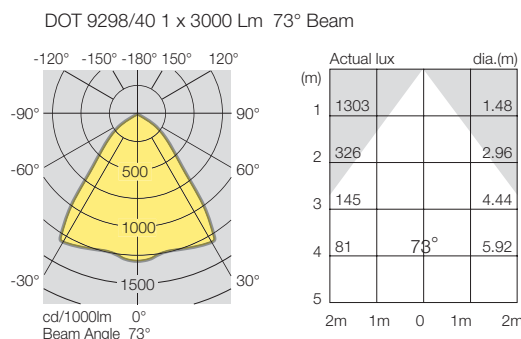
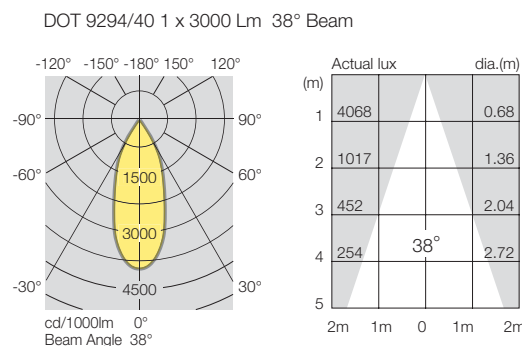
Quick Spec

Pierlite DOT recessed high performance LED technology, shallow depth of 146mm complete with compatible driver.

Design Applications

Hotel, retail spaces, public areas, high ceiling voids, health sector, commercial environments.

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
9294	30W LED	155 x 146	1.2
9298	30W LED	155 x 146	1.2

Accessories



DOT9575 LED Dust Proof

Energy efficient LED dust proof recessed downlight - 2000lm system.



Specifications

- Ideal for Insect Proof Applications (IP6X Dust Proof Optical Assembly)
- 2000 Lumen output, two options; 3000K and 4000K
- Long LED life 50,000 hours, low maintenance in difficult to access areas
- Suitable for dimming; DALI or Touch Dim
- Cool beam with no downward heat generation
- No ultraviolet or infrared light and mercury free
- Instant 100% light output
- Latest generation patented Phosphor Lens provides consistent colour temperature
- Integral passive cooling system
- Secured Access Accessory option
- Supplied with 3 pin flex and plug
- White ceiling plate and satin reflector fitted as standard



Quick Spec

Pierlite DOT recessed, passive cooling system depth, cool beam, IP6X dust proof optical assembly.

Design Applications

Under eaves or soffits, foyers, difficult to access areas, government buildings, hotels, hospitals, 24 hour emergency facilities, cinemas, theatres, exhibition halls, atrium, corridors, receptions, facades, supermarkets, 24 hour restaurants.

Product Codes

Code	Version	Dim (mm)	Mass (kg)
9575/03/P/3	36W 3000K	192 x 224	1.62
9575/03/P/4	32W 4000K	192 x 224	1.62

Accessories

Fitted to downlight after installation.



A50
Ceiling Plate - Round
/01 White
/55 Silver



A58
Ceiling Plate - Square
/01 White
/55 Silver

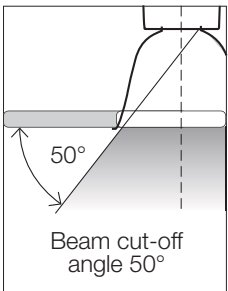


SA
Secured Access
Polycarbonate Lens



A81
IK 10
Vandal Proof
Secured Access

Performance



Max Dim(mm)
192 x 224



DL200

German engineered CFL downlight offering high quality and excellent performance.



Specifications

- Die cast aluminium mounting ring
- White thermoplastic ceiling trim
- Two depths - shallow 80mm deep and standard 145mm deep
- Remote control gear
- Lamp wattages - 18W & 26W
- Choice of ballast type
- Easy to install
- Optional 1.5m flex & plug
- IP20



Quick Spec

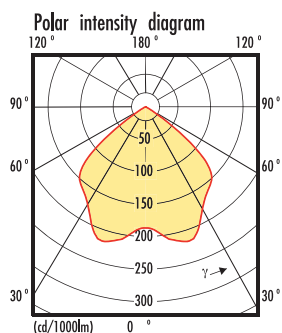
Hoffmeister recessed downlight, die cast aluminium mounting ring, remote electronic control gear twin 18W and 26W CFL options.

Design Applications

Office, foyers, meeting and conference rooms.

Performance

0.79872 - 2 x TC-D 18W



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	32	36	38	40	42	43	44	45	46
0.70	0.30	0.20	30	33	36	38	40	42	43	44	45
0.70	0.10	0.20	28	32	34	36	39	41	42	43	44
0.50	0.50	0.20	32	35	37	39	41	42	43	44	44
0.50	0.30	0.20	30	33	35	37	39	41	42	43	44
0.50	0.10	0.20	28	32	34	36	38	40	41	42	43
0.30	0.50	0.20	31	34	36	38	40	41	41	42	43
0.30	0.30	0.20	29	33	35	36	38	40	40	42	42
0.30	0.10	0.20	28	31	34	35	38	39	40	41	42
0.00	0.00	0.00	27	30	33	34	36	37	38	39	40

Ceiling mounted

Light output ratio 0.42
Service upward 0.00
Service downward 0.42

CIE flux code 68 100 100 100 42

SHR NOM (square) 1.50
SHR MAX (square) 1.55

UGRcen (4Hx8H, 0.25H) 20
EN12464-1 65 deg, 200 cd/m2
CIBSE: LG3 65 deg, 200 cd/m2

Product Codes

Code	Version	Dim (mm)	Mass (kg)
0.19950.43WE	2 x TC-DE 18W	228 x 80	2.7
0.19950.44WE	2 x TC-DE 26W	228 x 80	2.7
0.39550.43WE	2 x TC-DE 18W	228 x 145	2.7
0.39550.44WE	2 x TC-DE 26W	228 x 145	2.7



IP20



Max. Mass

Max Dim(mm)
228 x 145



25



DL200 Surface Mount

High quality surface mount downlight for lamps up to 26WTC-DE and HID options.



Specifications

- Surface mount downlights
- Die-cast aluminium white body
- Thermoplastic front ring
- Specular silver aluminium reflector
- Use safety glass with HIT models 0.35650.00-000
- Integral ballast
- Optional IP65 models also available, code listed below
- IP20 as standard model
- Optional 1.5 metre flex and plug

Quick Spec

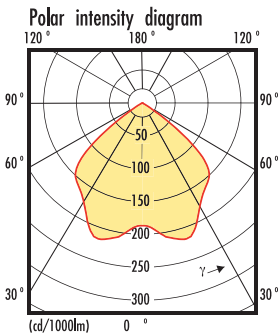
Hoffmeister surface mounted die cast aluminium white housing, specular reflector, integral electronic control gear.

Design Applications

Foyers, entrance ways and exteriors.

Performance

0.79872 - 2 x TC-D 18W



Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	32	36	38	40	42	43	44	45	46
0.70	0.30	0.20	30	33	36	38	40	42	43	44	45
0.70	0.10	0.20	28	32	34	36	39	41	42	43	44
0.50	0.50	0.20	32	35	37	39	41	42	43	44	44
0.50	0.30	0.20	30	33	35	37	39	41	42	43	44
0.50	0.10	0.20	28	32	34	36	38	40	41	42	43
0.30	0.50	0.20	31	34	36	38	40	41	41	42	43
0.30	0.30	0.20	29	33	35	36	38	40	40	42	42
0.30	0.10	0.20	28	31	34	35	38	39	40	41	42
0.00	0.00	0.00	27	30	33	34	36	37	38	39	40

Ceiling mounted

Light output ratio 0.42
Service upward 0.00
Service downward 0.42

CIE flux code 68 100 100 100 42

SHR NOM (square) 1.50
SHR MAX (square) 1.55

UGRcen (4Hx8H, 0.25H) 20
EN12464-1 65 deg, 200 cd/m2
CIBSE: LG3 65 deg, 200 cd/m2

Product Codes

Code	Version	Dim (mm)	Mass (kg)
0.18550.43-910	2 x 18W TC-D/E	228 x 200	4.8
0.18550.44-910	2 x 26W TC-D/E	228 x 200	4.8

Accessories

0.35650.00-000 Optional IP65 Safety glass

IP20/65



Max Dim(mm)
228 x 200



Downlights



227





DL200 IP65

Superb performing IP65 downlight designed to provide protection above and below the ceiling line.



Specifications

- Die cast aluminium mounting ring
- Die cast aluminium ceiling trim
- Safety glass
- Remote control gear IP20
- Lamp wattages - 18W
- Easy to install
- Complete with a 1.5 metre flex & plug
- IP65 providing protection from both above and below ceiling

Quick Spec

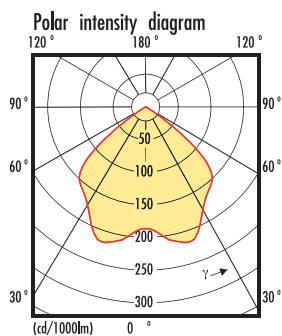
Hoffmeister recessed downlight, die cast aluminium mounting ring, IP65 safety glass, 18W CFL downlight.

Design Applications

Exteriors, under eaves.

Performance

0.79872 - 2 x TC-D 18W



Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	32	36	38	40	42	43	44	45	46
0.70	0.30	0.20	30	33	36	38	40	42	43	44	45
0.70	0.10	0.20	28	32	34	36	39	41	42	43	44
0.50	0.50	0.20	32	35	37	39	41	42	43	44	44
0.50	0.30	0.20	30	33	35	37	39	41	42	43	44
0.50	0.10	0.20	28	32	34	36	38	40	41	42	43
0.30	0.50	0.20	31	34	36	38	40	41	41	42	43
0.30	0.30	0.20	29	33	35	36	38	40	40	42	42
0.30	0.10	0.20	28	31	34	35	38	39	40	41	42
0.00	0.00	0.00	27	30	33	34	36	37	38	39	40

Ceiling mounted

Light output ratio	0.42
Service upward	0.00
Service downward	0.42

CIE flux code 68 100 100 100 42

SHR NOM (square)	1.50
SHR MAX (square)	1.55

UGRcen (4Hx8H, 0.25H)	20
EN12464-1	65 deg, 200 cd/m2
CIBSE: LG3	65 deg, 200 cd/m2

Product Codes

Code	Version	Dim (mm)	Mass (kg)
0.79872.43WE	2x18WTC-D/E EL less lamp	265 x 145 (214)	4.7









Brisbane - Queensland

TKA465

Stylish and durable, using low voltage lamps with adjustable lighting directions. Uniquely designed for easy installation.



Specifications

- Stylish square downlight
- Available in single, twin, triple and quad arrangements.
- Silver trim
- Suitable for ELV AR-111 lamps
- Manufactured from zinc steel
- Bi-angular adjustment
- Complete with lamp holder
- Twist lock lamp replacement



Quick Spec

Pierlite AR-111 square silver downlight, zinc steel, bi-angular adjustment.

Design Applications

Office, foyers, shopping centres, conference rooms.

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
TKA4654	4 x 50W AR111	665 x 182 x 90	4.8
TKA4651	1 x 50W AR111	182 x 182 x 90	1.2
TKA4653	3 x 50W AR111	505 x 182 x 90	2.0
TKA4652	2 x 50W AR111	345 x 182 x 90	2.4
TKA465A4	4 x 50W AR111	345 x 345 x 90	4.8



TKA DL72

Stylish and flexible, the TKA DL72 35W or 70W Metal Halide series.



Specifications

- Manufactured from zinc steel
- Bi-angular aiming adjustment
- Three beam angles narrow 14°, medium 36° and wide 58°
- Complete with ceramic lamp holder
- Available in silver and white finish
- Easy lamp replacement through clip out lens
- Available in various configurations
- Designed to suit G12 35W and 70W lamps
- Supplied with round earth flex and plug



Quick Spec

Pierlite zinc steel metal halide, adjustable heads, ceramic lamp holders, available in silver or white finishes.

Design Applications

Retail, office, boardrooms, foyers, lobbies, shopping centres.

Performance

DL721G12WW



Cutout: 155 x 155

DL722G12WW



Cutout: 295 x 155

DL723G12WW



Cutout: 435 x 155

DL724G12WW



Cutout: 575 x 155

DL724SQG12WW



Cutout: 302 x 302

Product Codes

Code	Version	Dim (mm)	Mass (kg)
DL721G12WW	Single	175 x 175 x 206	1.2
DL722G12WW	Twin	315 x 175 x 206	2.2
DL723G12WW	Triple	455 x 175 x 206	3.8
DL724G12WW	Quad	595 x 175 x 206	4.5
DL724SQG12WW	Quad square	322 x 322 x 206	4.5



Max Dim(mm)
595 x 175 x 206



Elite Shoplighter Rectangular

Recessed floodlight supplied with electronic control gear that simply plugs in, making installation simple and quick.



Specifications

- Die cast aluminium white powder coated body.
- 70W or 150W 4000°K double ended R7s metal halide lamp
- 45° optic aiming adjustment in one plane allowing the floodlight to be used specifically for wall washing of displays
- Lamps held in place by superior quality ceramic lampholders
- Remote control gear pack pre-wired with a 3 pin round earth socket and a standard 3 pin flat earth 1.5m flex and plug



Quick Spec

Pierlite shoplight, rectangular die cast white aluminium, ceramic lamp holders, remote electronic control gear, 4000K Metal Halide format.

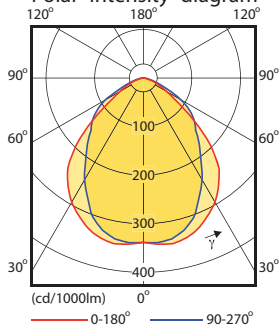
Design Applications

Retail shops, commercial, shop windows and shelving displays.

Performance

ELTK150W - 1 x HQI-TS 150W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	47	54	59	63	67	70	72	75	77
0.70	0.30	0.20	42	50	55	58	64	67	69	73	75
0.70	0.10	0.20	39	46	51	55	61	64	67	71	73
0.50	0.50	0.20	46	53	58	61	65	68	70	72	74
0.50	0.30	0.20	42	49	54	57	62	65	67	70	72
0.50	0.10	0.20	38	46	51	54	59	63	65	69	71
0.30	0.50	0.20	45	52	56	59	63	66	67	70	71
0.30	0.30	0.20	41	48	53	56	60	63	65	68	70
0.30	0.10	0.20	38	45	50	54	58	61	64	67	69
0.00	0.00	0.00	37	44	48	52	56	59	61	64	65

Ceiling mounted

Light output ratio 0.72
Service upward 0.00
Service downward 0.72

CIE flux code 60 89 99 100 72

SHR NOM (square) 1.25
SHR MAX (square) 1.32

UGRcen (4Hx8H, 0.25H) 30

Product Codes

Code	Version	Dim (mm)	Mass (kg)
ELTK150W/EL	150W MH	230 x 140 x 140	3.8
ELTK70W/EL	70W MH	230 x 140 x 140	3.8



Max Dim(mm)
230 x 140 x 140



Elite Shoplighter Round

An attractive recessed circular metal halide luminaire supplied with electronic control gear.



Specifications

- Die cast aluminium white powder coated
- Body pre-wired with a 3 pin round earth 1.4m flex and plug
- Fixed body specifically for general area lighting of displays
- Supplied fitted with a world quality brand 70W or 150W 4000°K double ended Rx7s metal halide lamp
- Lamps held in place by superior quality ceramic lampholders
- Remote electronic control gear
- Remote control gear pack pre-wired with a 3 pin round earth socket and a standard 3 pin flat earth 1.1m flex and plug



Quick Spec

Pierlite shoplight, die cast round white aluminium, ceramic lamp holders, remote electronic control gear, 4000K Metal Halide format.

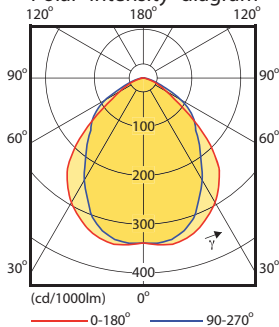
Design Applications

Retail shops, commercial, displays, shop windows, shelving displays, reception areas, shopping concourses and entrances.

Performance

ELTK150W - 1 x HQI-TS 150W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	47	54	59	63	67	70	72	75	77
0.70	0.30	0.20	42	50	55	58	64	67	69	73	75
0.70	0.10	0.20	39	46	51	55	61	64	67	71	73
0.50	0.50	0.20	46	53	58	61	65	68	70	72	74
0.50	0.30	0.20	42	49	54	57	62	65	67	70	72
0.50	0.10	0.20	38	46	51	54	59	63	65	69	71
0.30	0.50	0.20	45	52	56	59	63	66	67	70	71
0.30	0.30	0.20	41	48	53	56	60	63	65	68	70
0.30	0.10	0.20	38	45	50	54	58	61	64	67	69
0.00	0.00	0.00	37	44	48	52	56	59	61	64	65

Ceiling mounted

Light output ratio 0.72
Service upward 0.00
Service downward 0.72

CIE flux code 60 89 99 100 72

SHR NOM (square) 1.25
SHR MAX (square) 1.32

UGRcen (4Hx8H, 0.25H) 30

Product Codes

Code	Version	Dim (mm)	Mass (kg)
ELTRK150W/EL	150W MH	230 x 120	3.7
ELTRK70W/EL	70W MH	230 x 120	3.7



Max Dim(mm)
230 x 120



CDL120

CDM recessed ceiling luminaire designed for retail applications.



Specifications

- Provides general illumination and highlighting
- Two 35 watt CDM PAR20 adjustable for highlighting and one 70 watt CDM Double ended for general illumination
- Can be adjusted to 30°
- Housing of sheet steel, powder coated silver
- Clear safety glass over 70 DE lamp
- Remote electronic ballasts to be ordered separately



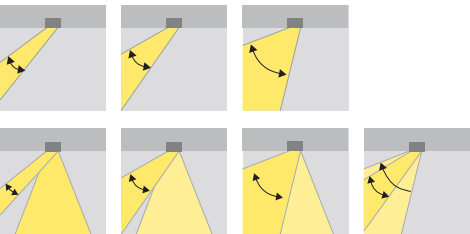
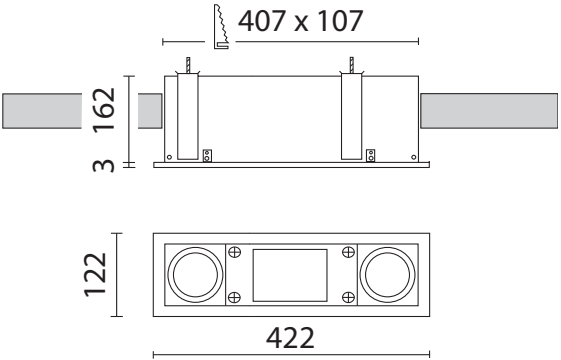
Quick Spec

Hoffmeister high specification, powder coated silver housing, clear safety glass for 70W version, remote electronic control gear available

Design Applications

Retail shops, commercial, displays, shop windows, shelving displays, reception areas, shopping concourses and entrances.

Performance



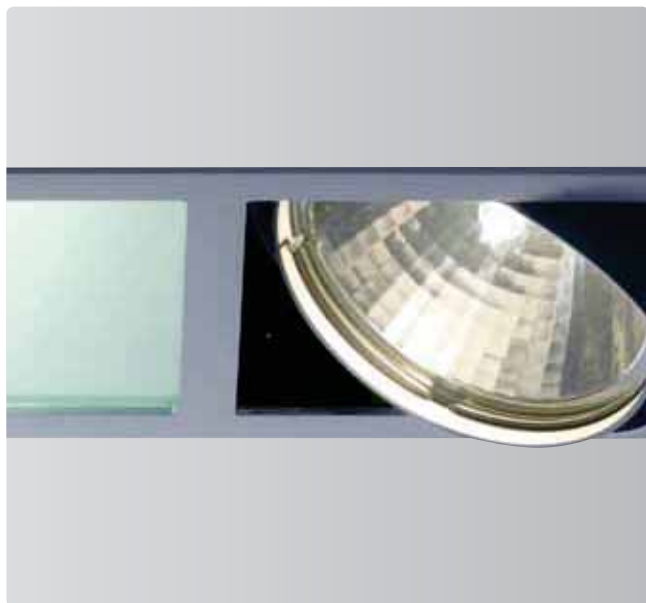
Product Codes

Code	Version	Dim (mm)	Mass (kg)
0.31001.00-906	2 x 35W + 1 x 70W	122 x 422	4.5



CDL180

CDM-TC and CFL architecturally designed recessed luminaire designed for retail applications.



Specifications

- Provides general illumination and highlighting
- Two 20/35 or 70 watt CDM TC adjustable for highlighting
- One 57 watt CDM CFL for general illumination
- Housing of sheet steel, powder coated silver
- Clear safety glass for HID, frosted for CFL
- Remote electronic ballasts and lamps to be ordered separately
- Three beam spreads available for CDM-TC lamps, Narrow 10°, Medium 20° and Wide 40°



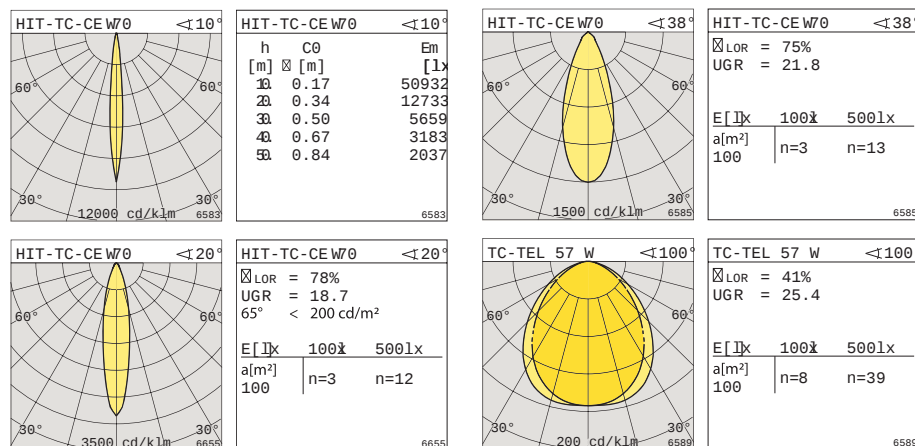
Quick Spec

Hoffmeister powder coated silver housing, clear safety glass for the HID, frosted for the CFL offering 30 degree adjustability.

Design Applications

Retail shops, commercial, displays, shop windows, shelving displays, reception areas, shopping concourses and entrances.

Performance



Product Codes

Code	Version	Dim (mm)	Mass (kg)
0.31031.00-906	Spot	582 x 167	6.5
0.31032.00-906	Medium	582 x 167	6.5
0.31033.00-906	Flood	582 x 167	6.5

IP20



Max Dim(mm)
582 x 167



Downlights



239

Lite Master

LED downlight range, capable of delivering intensities similar to that of conventional 50W halogen.



Specifications

- Compact array of 7 high performance LED's
- 1200Lm 16 Watt system
- Fixed and adjustable to 30 degrees
- 700ma constant current 24V nominal
- Special cluster lens and optics provide highly efficient beam distribution in narrow 22°, medium 36° and wide 56° degree
- Available in warm (3200K), neutral (4300K) or cool white (6000K)
- Available in powder coated white or anodised silver
- Body and trim is machined aluminium
- Heatsink is extruded aluminium
- Choice of drivers including dimmable (0 - 10V), DSI, DALI.
- Operating temperature -10°C to 40°C
- Thermally tested for life of 50,000hrs at 70% lumen depreciation
- Driver to be ordered separately refer codes below



Quick Spec

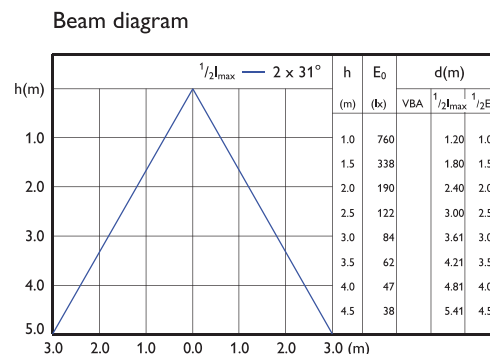
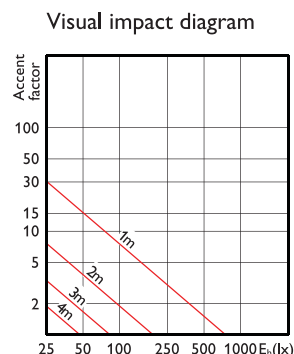
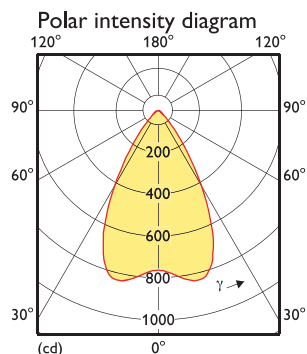
Pierlite powder coated white or silver housings available, 1200Lm 16W LED, 3200K, high performance beam distribution.

Design Applications

Commercial sites where long life is needed shopping centres, foyers, schools, offices, hotels, areas where access is a problem.

Performance

LM16W3W 1 x LED 16W 60 deg
1 x 1085 lm



Product Codes

Code	Version	Dim (mm)	Mass (kg)
LM16M3W	16W Medium 36°	82 x 106	0.4
LM16N3W	16W Narrow 22°	82 x 106	0.4
LM16W3W	16W Wide 60°	82 x 106	0.4

Accessories

LPCDR700 200/240VAC to 700MA non dimmable
LPCOT18700 200/240VAC to 700MA dimmable



Lite Gang

High output recessed adjustable LED downlight offering an energy efficient solution for commercial applications.



Specifications

- 40W total power consumption
- Efficiencies in excess of 60lm/W
- 2400Lm output for the 6000K
- Available in 4 degrees, 12, 14, 30 and 60 beam distribution
- Tiltable to 28°
- Available in warm (3000K), neutral (3500K) or cool (6000K) white
- Powder coat grey finish or white
- High performance LEDs
- Available in single, twin or triple arrangements upon request
- Thermally tested for life of 50,000 hours, 70% lumen output
- Operating temperature -10°C to 40°C



Quick Spec

Pierlite powder coated silver or white finish, high performance 40W LED adjustable recessed square downlight.

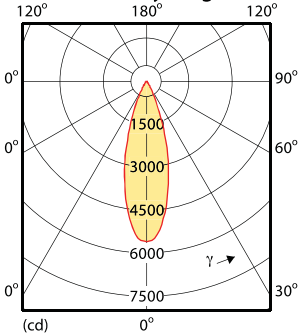
Design Applications

Commercial sites where long life is needed, shopping centres, foyers, schools, offices, hotels, areas where access is difficult.

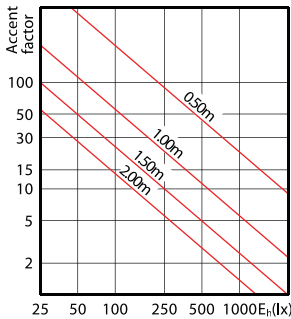
Performance

LG1640WWWW 1 x 40W/WW/40D

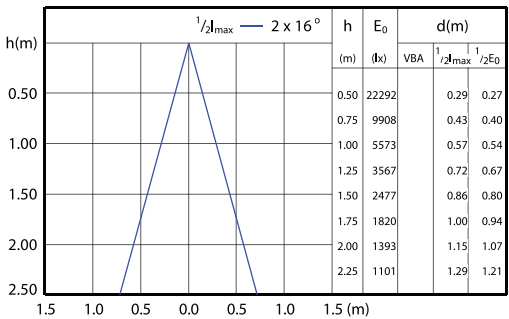
Polar intensity diagram



Visual impact diagram



Beam diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
LG1640WWWWIW	40W 60°	186 x 186	2.4



Max Dim(mm)
186 x 186

