

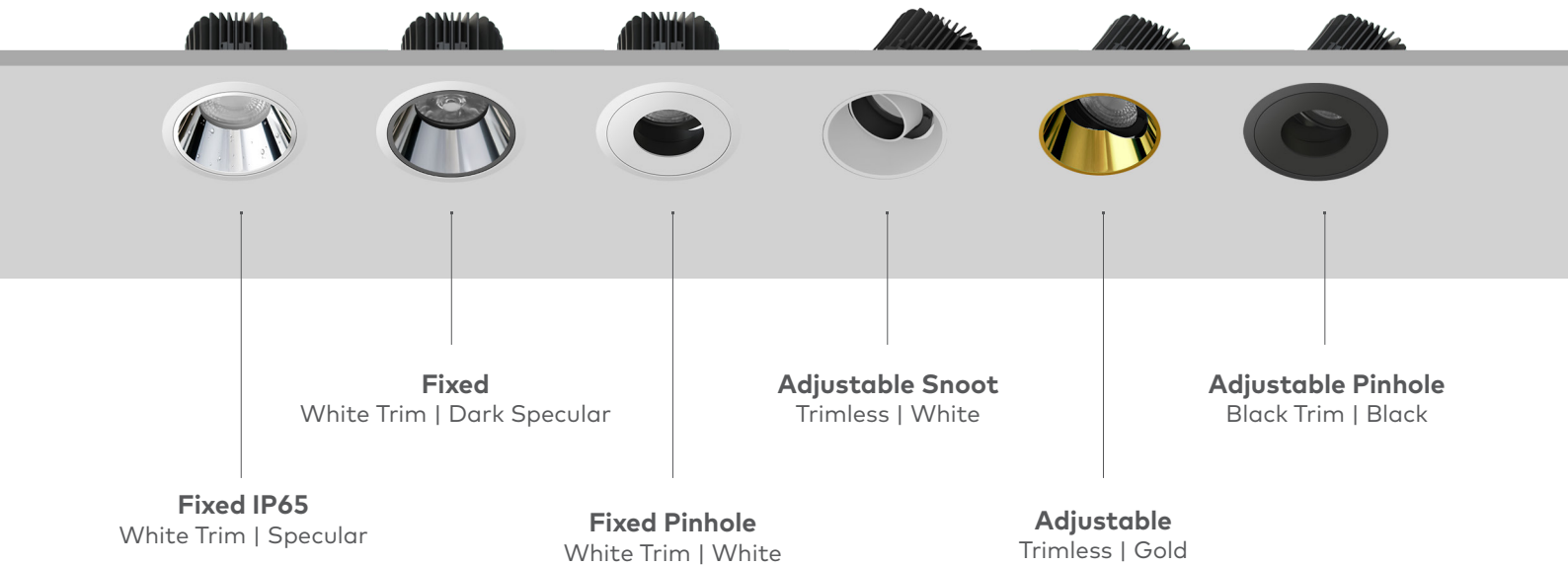


Quantum
Modular Downlight



QUANTUM

#Make it Your Own



Mix & Match

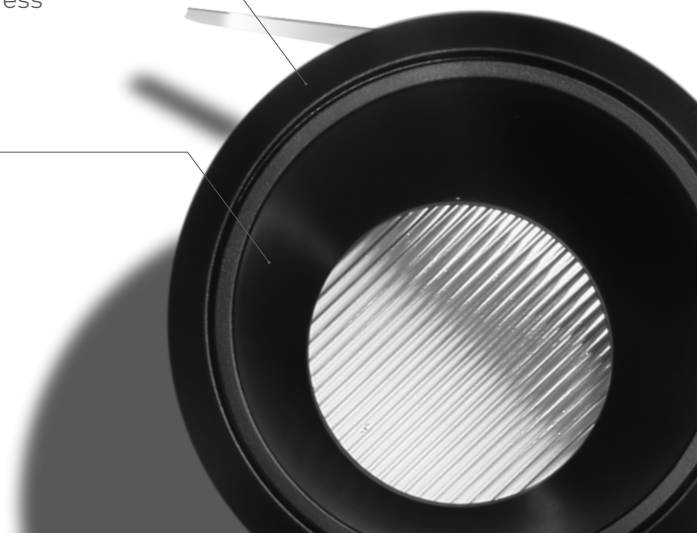
Trim

- White Trim
- Black Trim
- Trimless

Reflector

- Specular
- White
- Black
- Gold
- Dark Specular

QUANTUM | Scale 1:1



Easy Maintenance

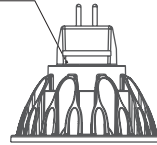
Remove the luminaire without removing the trim.
Quick-release lamp module for easy lamp replacement.

Interchangeable

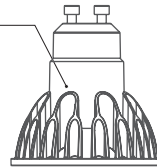
with most MR16, GU10, and Ø50 LED Module



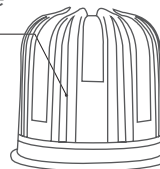
MR16



GU10

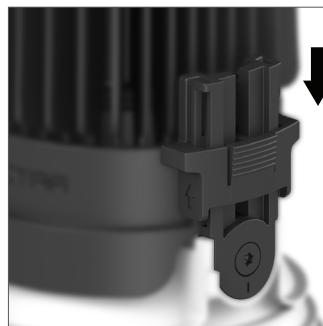


LED Module



Supported Brands

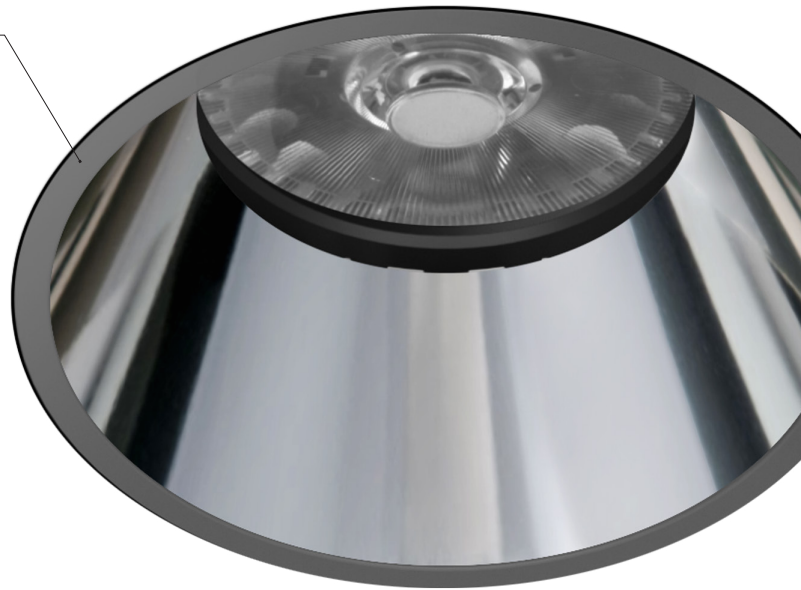
Soraa
Philips
Osram
etc.



Slide down to lock the lamp in place.

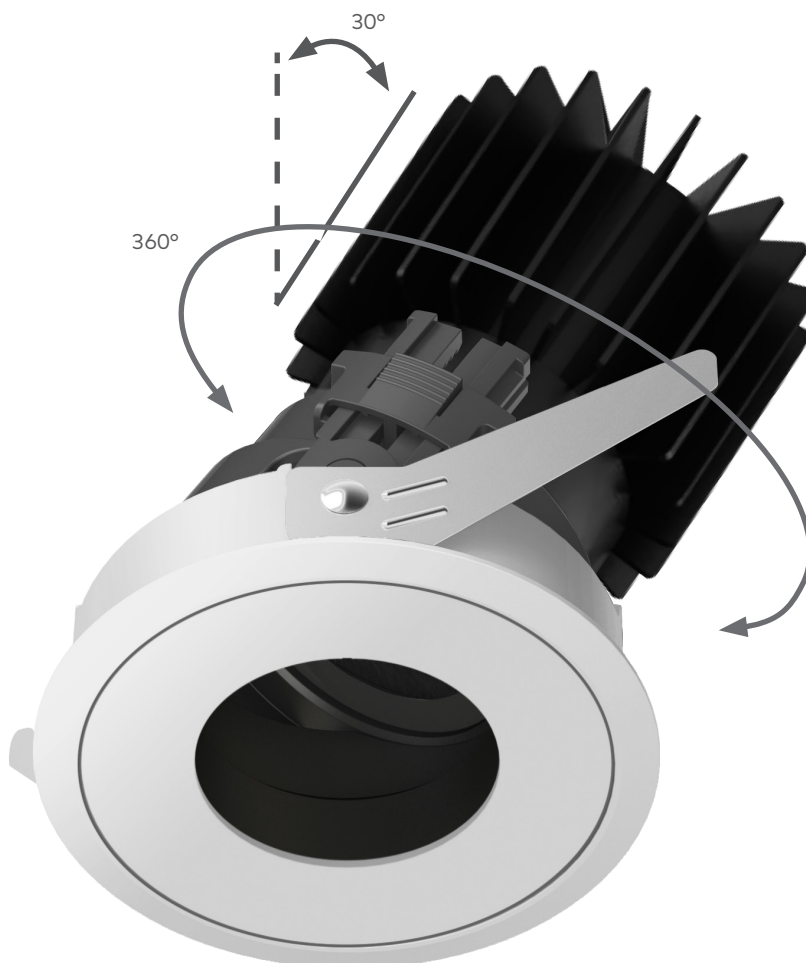
Trimless

option available



Adjustable

tilt up to 30°, rotate up to 360°



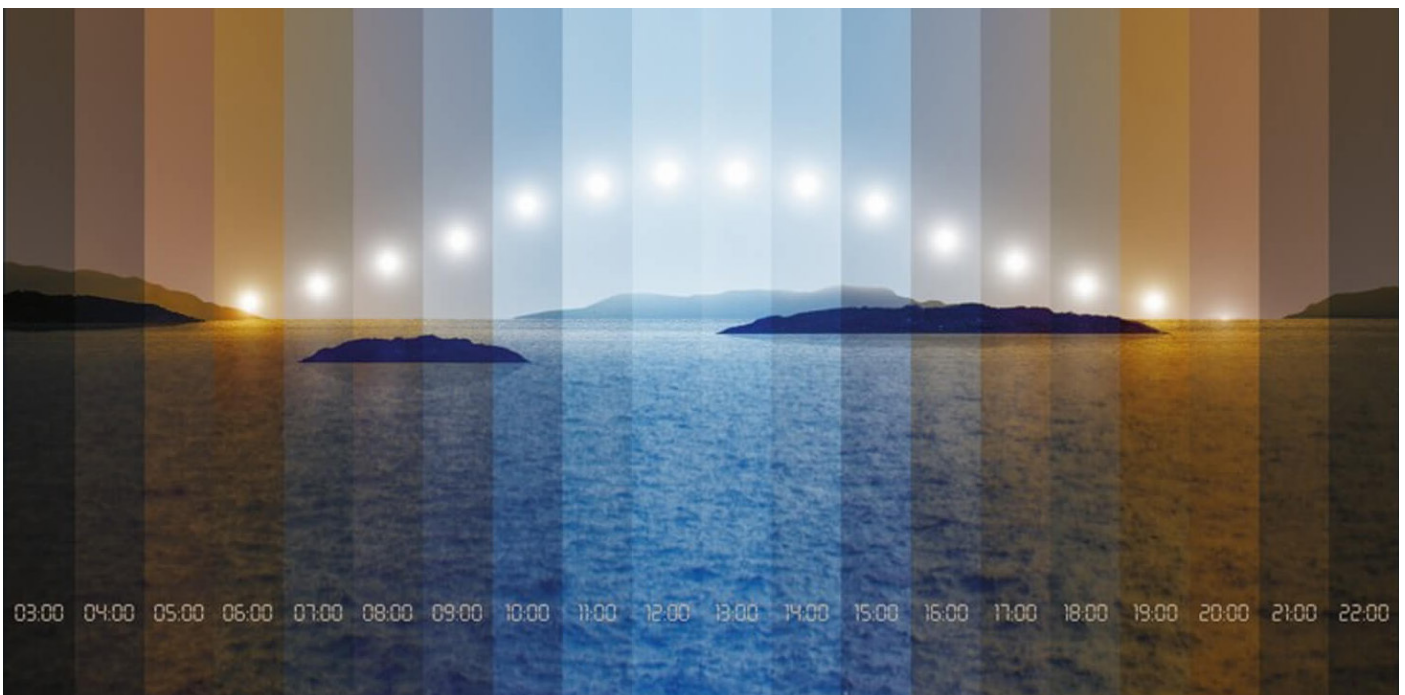


QUANTUM

Tunable White Module

Tune White on-demand color temperature adjustment system. With a tuning range from warm, halogen-like 2700K through to cool 6500K, flexible room atmospheres can be easily achieved.

This feature is interfaced to a DALI control system and is compatible with the latest DALI part 209 directive. This allows the tuning of color temperature with a single DALI address for simplified installation and configuration.



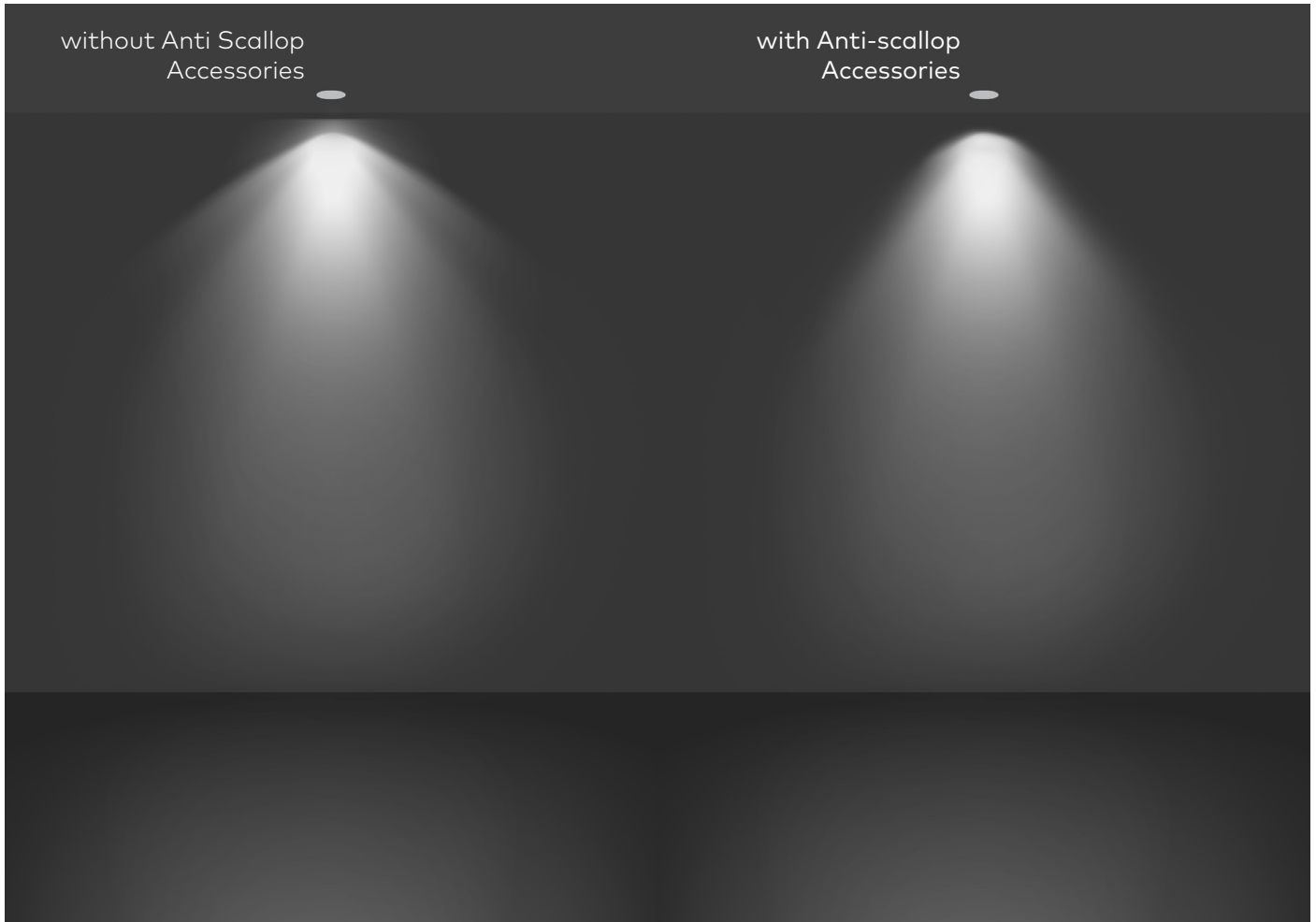
Experience Deep Dimming

Dimming from 100% to 5% is great....
But is even greater if dim further to 0.1%.



GOODBYE Scallop Lighting Effect

Light shape which is called light scalloping is often visible on wall and very important in lighting design.



Quantum downlights produce a lower scalloping effect, by adding accessories "Anti Scallop"



Quantum Adjustable

+



Anti-scallop Accessories

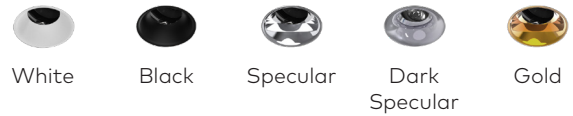


QUANTUM Fixed

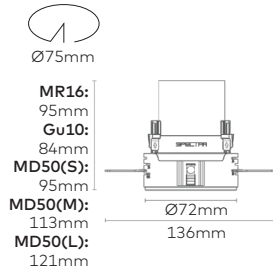
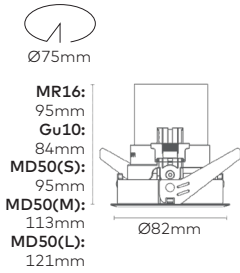


- Formed from engineering thermoplastic material with high temperature resistance and durability
- Available in trim and trimless version
- Available in five reflector color options
- Lamp and control gear to be ordered separately

Finish



Accessories



Order Guide

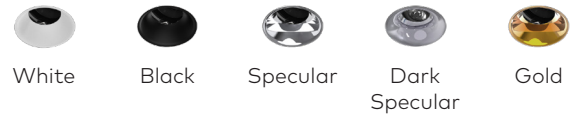
Product Code	Size Cut-hole	Type	Trim Type	Trim Shape	Number of Lamp	Trim Color	Reflector Color	Accessories	Lamp Type	Size	Gen	Wattage	Beam angle	Color Temperature	Control Gear / Driver
QTM	3	F	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75 mm	Fixed	Trim	Round	Single	White	Gold	None	LED	Small		5W	10°	2700K	Non-Dim
			L	Trimless		BK	DS	SE	07			7W	15°	3000K	PC
									09			9W	24°	4000K	AN
									10			10W	24°	4000K	0/1-10V (Analog)
									13	G2		13W	36°	4000K	DA
									15			15W	50°	4000K	LS
									18			18W	36°	4000K	Lelconnect
									20			20W	50°	4000K	
									05			5.5W	Can change depending on the lamp used		
									06			6.5W	Can change depending on the lamp used		

QUANTUM Fixed IP65

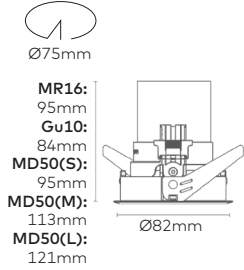


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Finish



Accessories



Order Guide

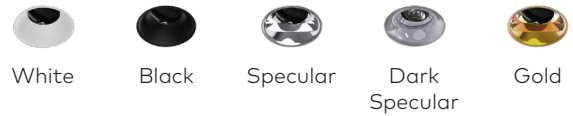
Product Code	Size Cut-hole	Type	Trim Type	Trim Shape	Number of Lamp	Trim Color	Reflector Color	Accessories	Lamp Type	Size	Gen	Wattage	Beam angle	Color Temperature	Control Gear / Driver
QTM	3	I	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75 mm	Fixed IP65	Trim	Round	Single	White	Gold	None	LED Module Ø50mm	Small		5W 450lm	10° Super Spot	2700K CRI>90	Non-Dim
						BK	DS	SE				07	SP	930	PC
						Black	Dark	Soft Edge lens				7W 630lm	15° Spot	3000K CRI>90	Phase Cut
							SP	LS				10	MD	940	AN
							Specular	Linear Spread lens				10W 900lm	24° Medium	4000K CRI>90	0/1-10V (Analog)
						WH	HC		M	G2	13	FL			DA
						White	Honeycomb Louvre		Medium		13W 1100lm	36° Flood			DALI
						BK	HS				15	WF			LS
						Black	Honeycomb + Soft Edge				15W 1300lm	50° Wide Flood			Lelconnect
							HL		L	G2	18	SP	15°		
							Honeycomb + Linear Spread		Large		18W 1600lm	24° 36° 50°			
											20				
											20W 1800lm				
									G		05				
									GU10 Ø50mm		5.5W 385lm			Can change depending on the lamp used	
									M		06				
									MR16 Ø50mm		6.5W 500lm			Can change depending on the lamp used	

QUANTUM Adjustable

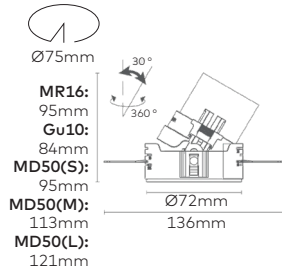
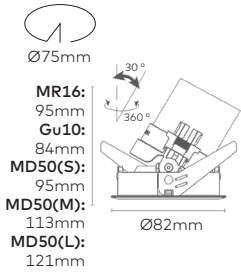
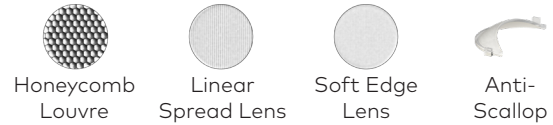


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Finish



Accessories



Order Guide

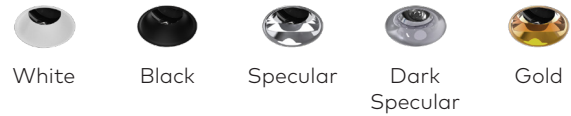
Product Code	Size Cut-hole	Type	Trim Type	Trim Shape	Number of Lamp	Trim Color	Reflector Color	Accessories	Lamp Type	Size	Gen	Wattage	Beam angle	Color Temperature	Control Gear / Driver
QTM	3	A	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75 mm	Adj.	Trim	Round	Single	White	Gold	None	LED	Small		5W	10°	2700K	Non-Dim
			L	Trimless		BK	DS	SE	Module			7W	15°	3000K	PC
							Dark	Soft Edge	Ø50mm			630lm	Spot	CRI>90	Phase Cut
							SP	LS				10	MD	940	AN
							Specular	Linear				10W	24°	4000K	0/1-10V
							Specular	Spread lens				900lm	Medium	CRI>90	(Analog)
							WH	HC				13	FL		DA
							White	Honeycomb				13W	36°		DALI
								Louvre				1100lm	Flood		
							BK	AS				15	WF		LS
							Black	Anti				15W	50°		Lelconnect
								Scallop				1300lm	Wide Flood		
								HS				18	SP		
								Honeycomb +				18W	15°		
								Soft Edge				1600lm	MD 24°		
													FL 36°		
													WF 50°		
								HL				20			
								Honeycomb +				20W			
								Linear Spread				1800lm			
								HL				G	05		
								Honeycomb +				GU10	5.5W	Can change	
								Anti Scallop				Ø50mm	385lm	depending on	
														the lamp used	
												M	06		
												MR16	6.5W	Can change	
												Ø50mm	500lm	depending on	
														the lamp used	

QUANTUM Adjustable Snoot

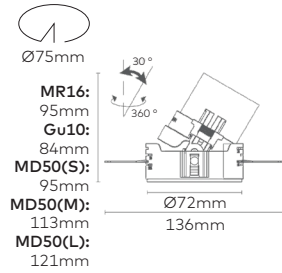
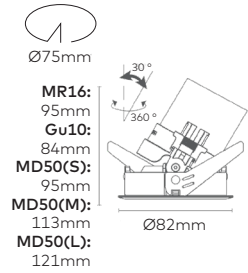


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Accessories



Order Guide

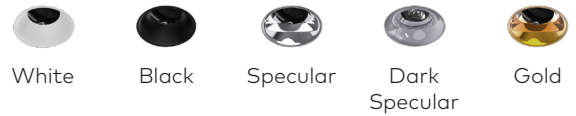
Product Code	Size Cut-hole	Type	Trim Type	Trim Shape	Number of Lamp	Trim Color	Reflector Color	Accessories	Lamp Type	Size	Gen	Wattage	Beam angle	Color Temperature	Control Gear / Driver
QTM	3	S	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75 mm	Adj. Snoot	Trim	Round	Single	White	Gold	None	LED Module Ø50mm	Small		5W 450lm	10° Super Spot	2700K CRI>90	Non-Dim
			L	Trimless		BK	DS	SE				07	SP	930	PC
						Black	Dark	Soft Edge lens				7W 630lm	15° Spot	3000K CRI>90	Phase Cut
							SP	LS				10	MD	940	AN
							Specular	Linear Spread lens				10W 900lm	24° Medium	4000K CRI>90	0/1-10V (Analog)
						WH	HC		M	G2	13	FL			DA
						White	Honeycomb Louvre		Medium		13W 1100lm	36° Flood			DALI
						BK	HS				15	WF			LS
						Black	Honeycomb + Soft Edge				15W 1300lm	50° Wide Flood			Lelconnect
							HL		L	G2	18	SP	15°		
							Honeycomb + Linear Spread		Large		18W 1600lm	24° 36° 50°			
											20				
											20W 1800lm				
									G		05	Can change depending on the lamp used			
									GU10 Ø50mm		5.5W 385lm				
									M		06	Can change depending on the lamp used			
									MR16 Ø50mm		6.5W 500lm				

QUANTUM Pinhole Fixed

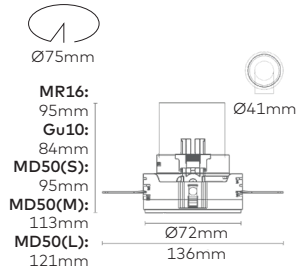
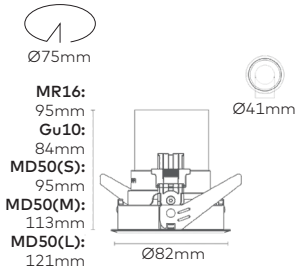


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Accessories



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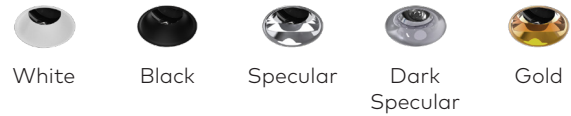
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QTM	3	P	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75mm	Pin-hole Fixed	Trim	Round	Single	White	Gold	None	LED Module	Small		5W 450lm	10° Super Spot	2700K CRI>90	Non-Dim
			L			BK	DS	SE				07	SP	930	PC
			Trimless			Black	Dark Specular	Soft Edge lens				7W 630lm	15° Spot	3000K CRI>90	Phase Cut
							SP	LS				10	MD	940	AN
							Specular	Linear Spread lens				10W 900lm	24° Medium	4000K CRI>90	0/1-10V (Analog)
						WH	HC		M	G2	13	FL			DA
						White	Honeycomb Louvre		Medium		13W 1100lm	36° Flood			DALI
						BK	HS					15	WF		LS
						Black	Honeycomb + Soft Edge					15W 1300lm	50° Wide Flood		Lelconnect
							HL		L	G2	18	SP	15°		
							Honeycomb + Linear Spread		Large		18W 1600lm	MD 24° FL 36° WF 50°			
												20			
												20W 1800lm			
									G		05				
									GU10 Ø50mm		5.5W 385lm			Can change depending on the lamp used	
									M		06			Can change depending on the lamp used	
									MR16 Ø50mm		6.5W 500lm				

QUANTUM Pinhole Adjustable

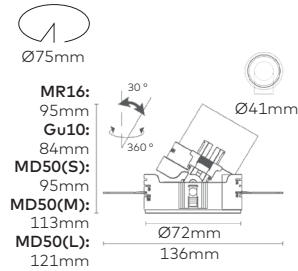
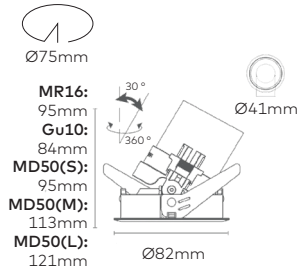


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Accessories



Order Guide

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QTM	3	J	T	R	1	WH	GD	00	MD50	S	G2	05	SS	927	ND
	Ø75 mm	Pin-hole Adj.	Trim	Round	Single	White	Gold	None	LED Module Ø50mm	Small		5W 450lm	10° Super Spot	2700K CRI>90	Non-Dim
			L	Trimless		BK	DS	SE				07	SP	930	PC
						Black	Dark Specular	Soft Edge lens				7W 630lm	15° Spot	3000K CRI>90	Phase Cut
							SP	LS				10	MD	940	AN
							Specular	Linear Spread lens				10W 900lm	24° Medium	4000K CRI>90	0/1-10V (Analog)
							WH	HC				13	FL		DA
						White	Honeycomb Louvre					13W 1100lm	36° Flood		DALI
						BK	HS					15	WF		LS
						Black	Honeycomb + Soft Edge					15W 1300lm	50° Wide Flood		Lelconnect
							HL					18	SP		
							Honeycomb + Linear Spread					18W 1600lm	15° 24° 36° 50°		
												20			
												20W 1800lm			
									G			05			
									GU10 Ø50mm			5.5W 385lm		Can change depending on the lamp used	
									M			06			
									MR16 Ø50mm			6.5W 500lm		Can change depending on the lamp used	

SAFETY CLASSIFICATIONS

Electrical Safety



Class I

Class I luminaires are electrically insulated and provided with a connection to earth. Protection against electric shock is achieved through the means of earthing in case of basic insulation failure, where by part of the luminaire could become live.



Class II

Class II luminaires are designed and constructed to have an extra protection against electric shock on top of the basic insulation. This is usually achieved by double insulation or other reinforcements. No connection to earth is provided.



Class III

Class III luminaires are protected against electric shock through the means of Safety Extra Low Voltage (SELV) in which voltages higher than those of SELV are not generated (max. 50V ac rms).

Fire Safety



The F mark (mounting surface) indicates that a luminaire is suitable to be mounted on a normally combustible surface (ignition temperature of 200°C).



The F mark (Thermal Insulation Covering) indicates that a recessed luminaire is suitable to be covered in the ceiling with thermal insulating material without causing overheat to the luminaire.

Ingress Protection (IP)

The ingress protection rating indicates protection against ingress of solid foreign object (first digit) and moisture (second digit).

0x - Unprotected against solid object


1x - Protected against solid object > 50 mm

2x - Protected against solid object > 12 mm

3x - Protected against solid object > 2.5 mm

4x - Protected against solid object > 1 mm


5x - Dust protected 


6x - Dust tight 



x0 - Unprotected against moisture

x1 - Drip proof

x2 - Protected against water drops falling (15° from vertical)

x3 - Protected against rain-water (60° from vertical) 

x4 - Protected against splashing water 

x5 - Protected against water jet  

x6 - Protected against heavy seas 

x7 - Protected against temporary effects of immersion 

x8 - Pressure- watertight (submersible)  m







HEADQUARTERS

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