

Reduced Glare

AQUILA

DOWNLIGHT SERIES

A series of downlight luminaires designed with a simplified modular concept. Made to be efficient and durable to suit mass deployment applications with demanding conditions, especially in commercial and hospitality sectors.



Future proof with upgradeable module

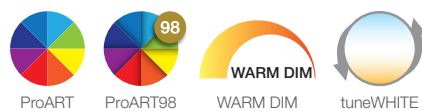
Accessory options

Trim thickness < 2mm

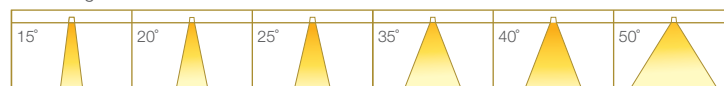
Fixture Features



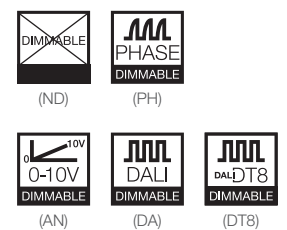
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



AQUILA 3 tuneWHITE

RECESSED ROUND FIX / TILT TUNABLE WHITE
DOWNLIGHT LUMINAIRE 12W / 10W / 7W / 5W



#ROUND
#TRIM



#ROUND
#NARROWTRIM



#ROUND
#TRIMLESS

TECHNOLOGY AND FEATURES



Converging Optical Lens
Maximising LOR



Ceiling
Safe

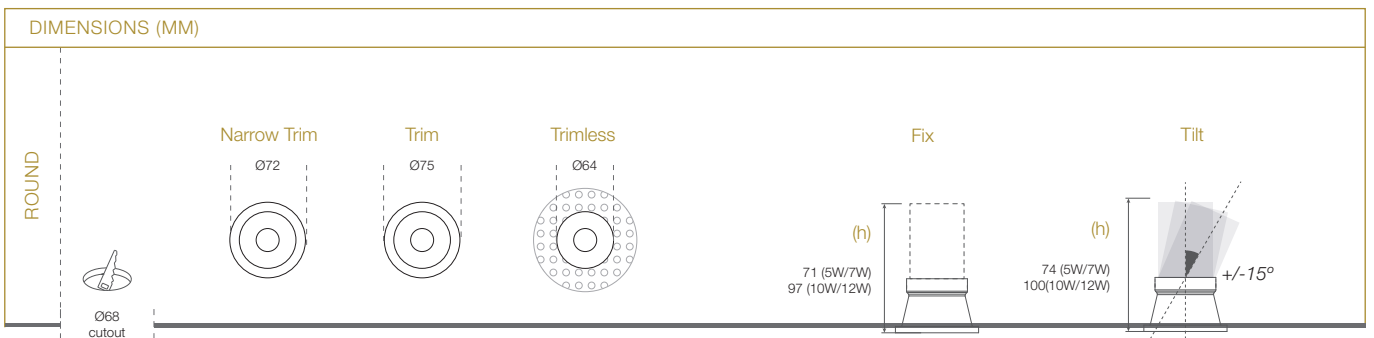
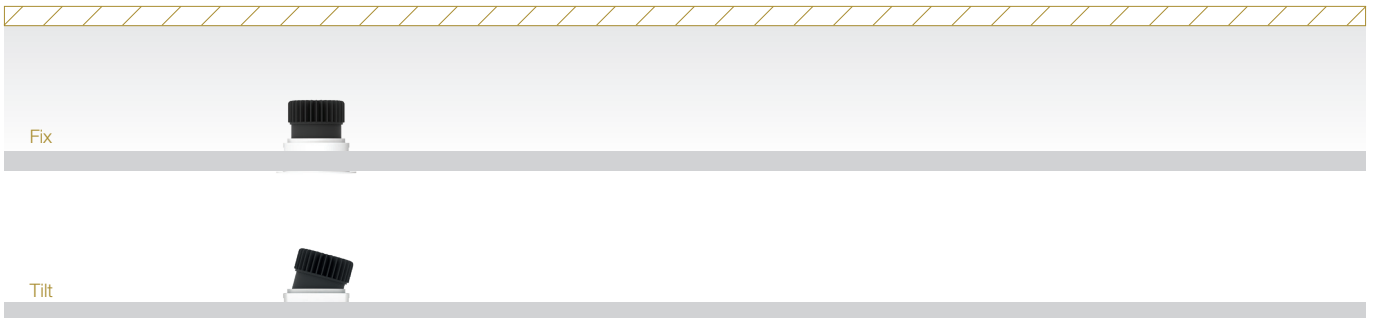
AVAILABLE OPTIONS						
FIXTURE COLOUR OPTIONS	Trim Colour Options	MATT WHITE RAL9003	MATT BLACK RAL9011	CHROME	CHROME BLACK	TITANIUM GOLD
	MATT WHITE RAL9003					
	MATT BLACK RAL9011					
ACCESSORIES	 Honeycomb Anti-Glare Louvre	 Soft Lens				
LED MODULE	tuneWHITE 2700K 5500K	 ProART	 tuneWHITE			
DRIVER DIMMING	 (DT8)					

AQUILA 3 TW

#ROUND
#FIX
#TILT
#TRIM
#TRIMLESS
#NARROWTRIM

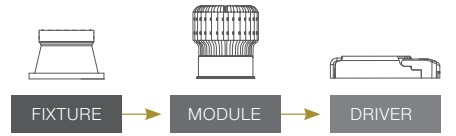
SPECIFICATIONS

Family Type	Aquila Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	35V
Typical Operating Current	350mA (12W), 300mA (10W), 200mA (7W), 150mA (5W)
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 25°, 40°, 50°
Colour Temperatures	tuneWHITE 2700K - 5500K
CRI	ProART (CRI-95)
SDCM	3 steps MacAdam ellipse binning
Driver (Dimming)	DALI device type 8
Mains Connection	Push-pin or screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP54
Safety Class	Class 2
Standards	IEC 60598-1, IEC 61347-2-13
Regulatory Markings	CE, CCC, RoHS



AQUILA 3 TW

MODULAR CONCEPT



PHOTOMETRICS

AQUILA 3 TW

Beam Angle	Height (m)	E(0°)	E _{max} (lx)				AQUILA 3 TW			Luminous Flux (lm)			
			15°	25°	40°	50°	LED Power	System Power	CRI	tuneWHITE 2700K - 5500K			
15°	1	E(0°)	3603	3151	2250	1215	12W	15W	ProART CRI-95	864	936	948	960
		Cone Ø (m)	0.40	0.50	0.69	1.02				15°	25°	40°	50°
25°	2	E(0°)	901	788	562	304	10W	13W	ProART CRI-95	770	830	840	850
		Cone Ø (m)	0.79	1.00	1.39	2.04				15°	25°	40°	50°
40°	3	E(0°)	400	350	250	135	7W	9W	ProART CRI-95	567	609	616	623
		Cone Ø (m)	1.19	1.51	2.08	3.06				15°	25°	40°	50°
50°	4	E(0°)	225	197	141	76	5W	6.4W	ProART CRI-95	435	465	470	475
		Cone Ø (m)	1.58	2.01	2.77	4.08				15°	25°	40°	50°
50°	5	E(0°)	144	126	90	49							
		Cone Ø (m)	1.98	2.51	3.46	5.10							

Correction Factor: AQUILA 3 TW 12W - f = 1.00
 AQUILA 3 TW 10W - f = 0.89
 AQUILA 3 TW 7W - f = 0.65
 AQUILA 3 TW 5W - f = 0.49

Data are based on maximum output at highest CCT (5500K).
 2700K will have a nominal data value of 10% lower than published.
 Nominal CRI-95, equals to Ra>90-97, R9>50

ORDERING MATRIX CHART

Fixtures												
Type	Trim Options		Shape		Angle		Colour		Reflector Colour		Accessories	
AQUILA-3	T	Trim	RD	Round	FX	Fix	WH	Matt White	WH	Matt White	N	None
	NT	Narrow Trim			TL	Tilt	MB	Matt Black	MB	Matt Black	AGL	Anti-Glare Louvre
	X	Trimless							CR	Chrome	SL	Soft Lens
									CB	Chrome Black		
									TG	Titanium Gold		

tuneWHITE LED Module								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
12	12W	15	15°	TW2755	tuneWHITE 2700K-5500K	PA	ProART	DT8	DALI DT8
10	10W	25	25°						
7	7W	40	40°						
5	5W	50	50°						

example: AQUILA-3.T.RD.TL.WH.CR.N.7.40.TW2755.PA.DT8