

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

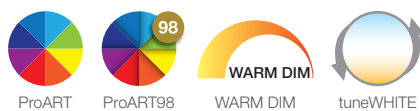
Accessory options

Trim thickness < 2mm

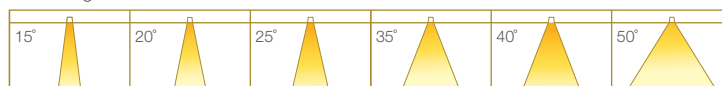
### Fixture Features



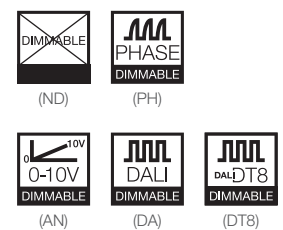
### Module Colour Temperature Variation



### Beam Angle



### Driver Dimming Variation

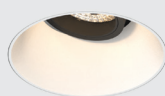


# AQUILA 2

RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE  
9W / 7W



#ROUND  
#TRIM



#ROUND  
#TRIMLESS

## TECHNOLOGY AND FEATURES



Converging Optical Lens  
Maximising LOR



Ceiling  
Safe

AVAILABLE OPTIONS						
<b>FIXTURE COLOUR OPTIONS</b>	Trim Colour Options	MATT WHITE RAL9003	MATT BLACK RAL9011	CHROME	CHROME BLACK	TITANIUM GOLD
	MATT WHITE RAL9003					
	MATT BLACK RAL9011					
<b>ACCESSORIES</b>	Honeycomb Anti-Glare Louvre Soft Lens					
<b>LED MODULE</b>	SINGLE CCT 2700K  3000K  3500K  4000K ProART  ProART98 20°  35°  50°					
<b>DRIVER DIMMING</b>	(ND)  (PH)  (AN)  (DA)					

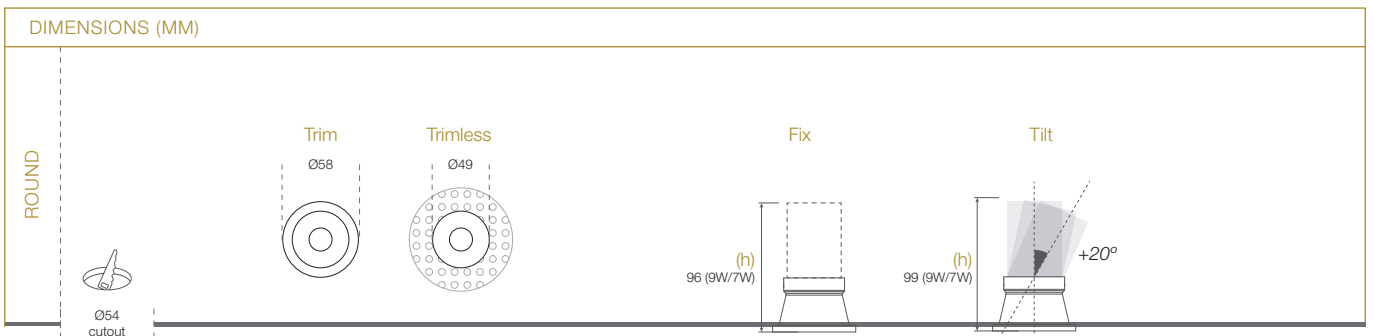
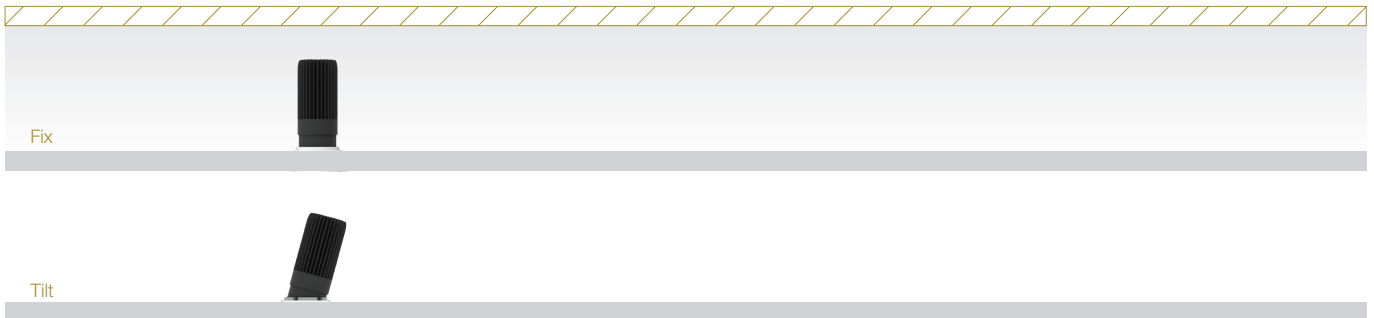
# AQUILA

## 2

#ROUND  
#FIX  
#TILT  
#TRIM  
#TRIMLESS

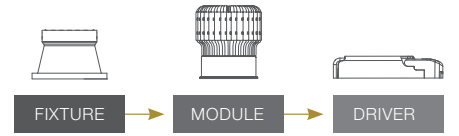
### SPECIFICATIONS

Family Type	Aquila Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	35V
Typical Operating Current	250mA (9W), 200mA (7W)
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	20°, 35°, 50°
Colour Temperatures	2700K, 3000K, 3500K, 4000K
CRI	ProART (CRI-95), ProART98 (CRI-98)
SDCM	3 steps MacAdam ellipse binning
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI
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 2

MODULAR CONCEPT



## PHOTOMETRICS

### AQUILA 2

Height (m)		Emax (lx)			AQUILA 2			Luminous Flux (lm)								
		E(0°)	20°	35°	LED Power	System Power	CRI	3000K								
			Cone Ø (m)	50°				20°	35°	50°						
1	E(0°)	4134	2399	1335	9W	11W	ProART CRI-95	864	855	846						
	Cone Ø (m)	0.41	0.64	0.87												
2	E(0°)	1034	600	334			7W	9W	ProART98 CRI-98	712	704	697				
	Cone Ø (m)	0.82	1.28	1.73												
3	E(0°)	459	267	148					ProART CRI-95	672	665	658				
	Cone Ø (m)	1.23	1.93	2.60												
4	E(0°)	258	150	83	ProART98 CRI-98	553							548	542		
	Cone Ø (m)	1.64	2.57	3.46												
5	E(0°)	165	96	53												
	Cone Ø (m)	2.05	3.21	4.33												

Correction Factor: AQUILA 2 9W - f = 1.00  
AQUILA 2 7W - f = 0.78

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K will have a nominal data value of 5% higher than published. (f = 1.05) ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI-95, equals to Ra>90-97, R9>50  
Nominal CRI-98, equals to Ra>97-99, R9>93

## ORDERING MATRIX CHART

Fixture												
Type	Trim Options		Shape		Angle		Colour		Reflector Colour		Accessories	
<b>AQUILA-2</b>	<b>T</b>	Trim	<b>RD</b>	Round	<b>FX</b>	Fix	<b>WH</b>	Matt White	<b>WH</b>	Matt White	<b>N</b>	None
	<b>X</b>	Trimless			<b>TL</b>	Tilt	<b>MB</b>	Matt Black	<b>MB</b>	Matt Black	<b>AGL</b>	Anti-Glare Louvre
									<b>CR</b>	Chrome	<b>SL</b>	Soft Lens
									<b>CB</b>	Chrome Black		
									<b>TG</b>	Titanium Gold		

Single CCT LED Module								Driver			
LED Power		Beam Angle		Colour Temp		CRI		Dimming			
<b>9</b>	9W	<b>20</b>	20°	<b>27</b>	2700K	<b>PA</b>	ProART	<b>ND</b>	Non-Dim		
			35°								
<b>7</b>	7W	<b>35</b>	35°	<b>30</b>	3000K	<b>PP</b>	ProART98			<b>PH</b>	Phase
			50°								
			50°	<b>35</b>	3500K			<b>AN</b>	1-10V		
				<b>40</b>	4000K			<b>DA</b>	DALI		

example: AQUILA-2.T.RD.TL.WH.CR.N.9.35.30.PA.DA