

Reduced Glare

AQUILA

DOWNLIGHT SERIES

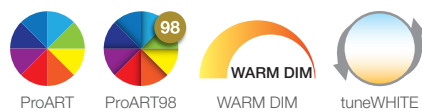
A series of downlight luminaires designed with a simplified modular concept. Made to be efficient and durable to suit mass deployment applications with demanding conditions, especially in commercial and hospitality sectors.



Fixture Features



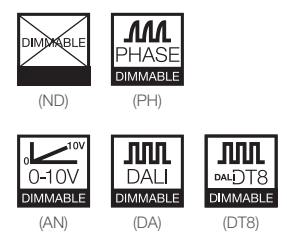
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



AQUILA 3 WARM DIM

RECESSED ROUND FIX / TILT DIM-TO-WARM DOWNLIGHT
LUMINAIRE 12W / 10W



#ROUND
#TRIM



#ROUND
#NARROWTRIM



#ROUND
#TRIMLESS

TECHNOLOGY AND FEATURES



Converging Optical Lens
Maximising LOR



Ceiling
Safe

AVAILABLE OPTIONS

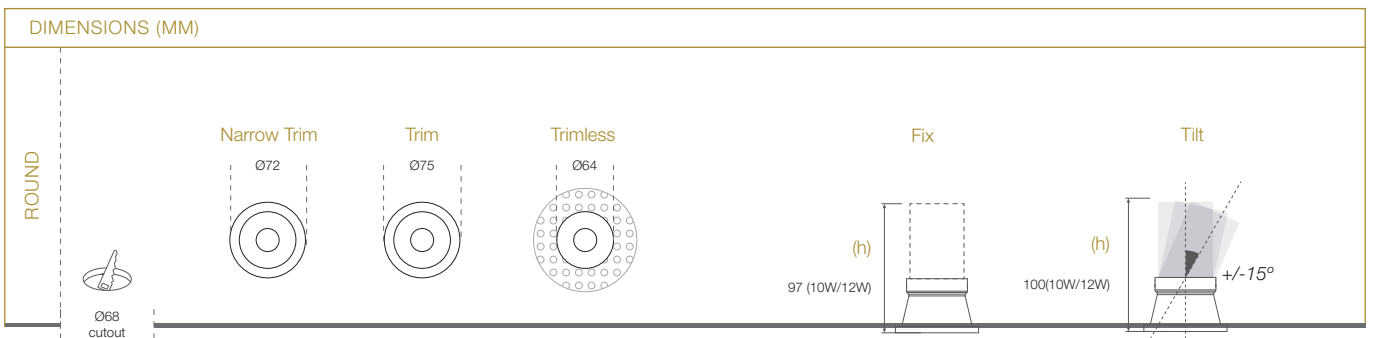
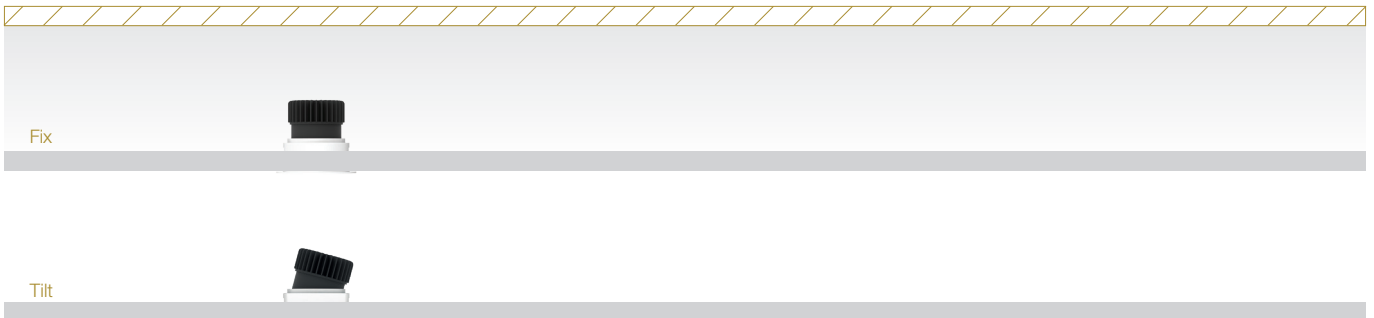
FIXTURE COLOUR OPTIONS	Trim Colour Options	Reflector Colour Options															
	MATT WHITE RAL9003 MATT BLACK RAL9011	MATT WHITE RAL9003 	MATT BLACK RAL9011 	CHROME 	CHROME BLACK 	TITANIUM GOLD 											
ACCESSORIES	Honeycomb Anti-Glare Louvre Soft Lens																
LED MODULE	WARM DIM 		ProART WARM DIM				<table border="1"> <thead> <tr> <th>Light Output</th> <th>CCT</th> </tr> </thead> <tbody> <tr> <td>100%</td> <td>3100K</td> </tr> <tr> <td>50%</td> <td>2600K</td> </tr> <tr> <td>20%</td> <td>1900K</td> </tr> <tr> <td>1%</td> <td>1800K</td> </tr> </tbody> </table>	Light Output	CCT	100%	3100K	50%	2600K	20%	1900K	1%	1800K
Light Output	CCT																
100%	3100K																
50%	2600K																
20%	1900K																
1%	1800K																
DRIVER DIMMING	(PH) (AN) (DA)																

AQUILA 3 WD

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

SPECIFICATIONS

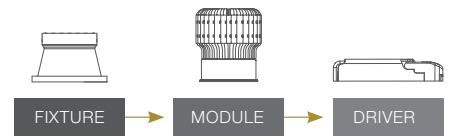
Family Type	Aquila Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	35V
Typical Operating Current	350mA (12W), 300mA (10W)
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 25°, 40°, 50°
Colour Temperatures	Warm Dim (3100K - 1800K)
CRI	ProART (CRI-95)
SDCM	3 steps MacAdam ellipse binning
Driver (Dimming)	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, WW-1
Flammability Mark	F
Ingress Protection	IP54
Safety Class	Class 2
Standards	IEC 60598-1, IEC 61347-2-13
Regulatory Markings	CE, CCC, RoHS



Reduced Glare

AQUILA 3 WD

MODULAR CONCEPT



PHOTOMETRICS

AQUILA 3 WD

Height (m)	E(0°)	E _{max} (lx)				AQUILA 3 WD			Luminous Flux (lm)			
		15°	25°	40°	50°	LED Power	System Power	CRI	3100K			
		Cone Ø (m)	Cone Ø (m)	Cone Ø (m)	Cone Ø (m)				15°	25°	40°	50°
1	E(0°)	3002	2626	1879	1017	12W	15W	ProART CRI-95	720	780	792	804
	Cone Ø (m)	0.40	0.50	0.69	1.02	10W	13W	ProART CRI-95	640	690	700	710
2	E(0°)	751	656	470	254							
	Cone Ø (m)	0.79	1.00	1.39	2.04							
3	E(0°)	334	292	209	113							
	Cone Ø (m)	1.19	1.51	2.08	3.06							
4	E(0°)	188	164	117	64							
	Cone Ø (m)	1.58	2.01	2.77	4.08							
5	E(0°)	120	105	75	41							
	Cone Ø (m)	1.98	2.51	3.46	5.10							

Data are based on maximum output at 3100K.
Nominal CRI-95, equals to Ra>90-97, R9>50

Correction Factor: AQUILA 3 WD 12W - f = 1.00
AQUILA 3 WD 10W - f = 0.88

ORDERING MATRIX CHART

Fixture												
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		

Warm Dim LED Module								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
12	12W	15	15°	WD	Warm Dim	PA	ProART	PH	Phase
10	10W	25	25°					AN	0-10V
		40	40°					DA	DALI
		50	50°						

example: AQUILA-3.T.RD.TL.WH.CR.N.12.40.WD.PA.DA