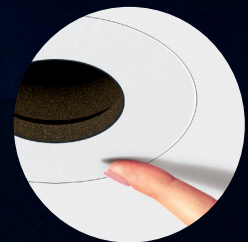
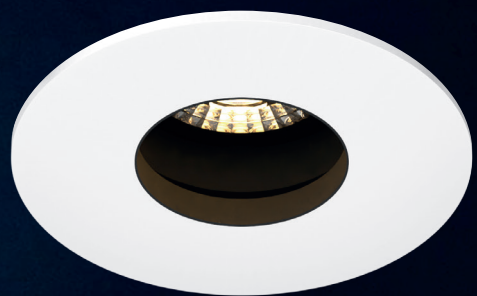
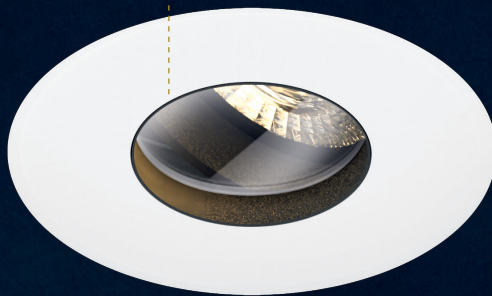


ECLIPSE

DOWNLIGHT SERIES

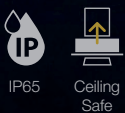
A series of premium pinhole downlights designed with a "dark silent ring" for optimum glare control. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with various choices to provide optimal illumination for all kinds of spaces.

Dark Silent Ring



Flush mount

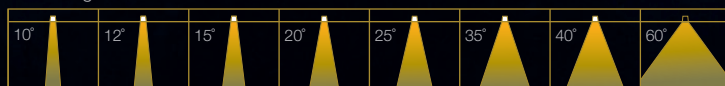
Fixture Features



Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



ECLIPSE 2

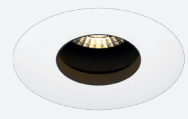
RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE



#ROUND
#FIX
#TRIM



#ROUND
#TILT
#TRIM



#ROUND
#FIX
#FLUSH MOUNT



#ROUND
#TILT
#FLUSH MOUNT

TECHNOLOGY AND FEATURES



ATePS
Advanced Thermal Protection System



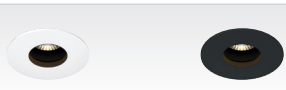
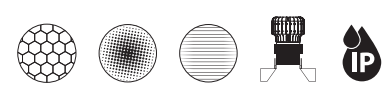

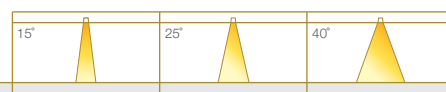





ComfyEYE
Low Flicker, No Risk (IEEE 1789)



BEAM
Converging Optical Lens Maximising LOR



Ceiling Safe

AVAILABLE OPTIONS					
FIXTURE COLOUR OPTIONS	Trim Colour Options	MATT WHITE RAL9003	MATT BLACK RAL9011		
					
ACCESSORIES					
	<p><i>*IP54 seal accessory is valid for fix angle fixtures only.</i></p>				
LED MODULE	 20C/P				
	SINGLE CCT  ProART ProART98	20P / 20C	✓	✓	✓
	WARM DIM 	20P / 20C			
	tuneWHITE 		✓	✓	
flexiK 					
DRIVER DIMMING					

ECLIPSE 2

#ROUND
#FIX
#TILT
#TRIM
#FLUSHMOUNT

SPECIFICATIONS

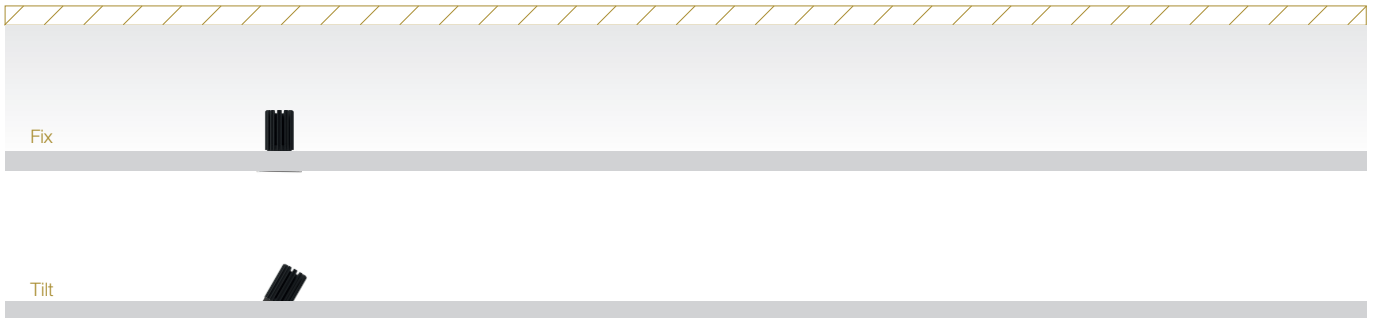
FIXTURE

Family Type	Eclipse series
Fixture Colours	Matt white, matt black
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens, Comfort Pro, IP54 seal
Ingress Protection	IP40, IP54

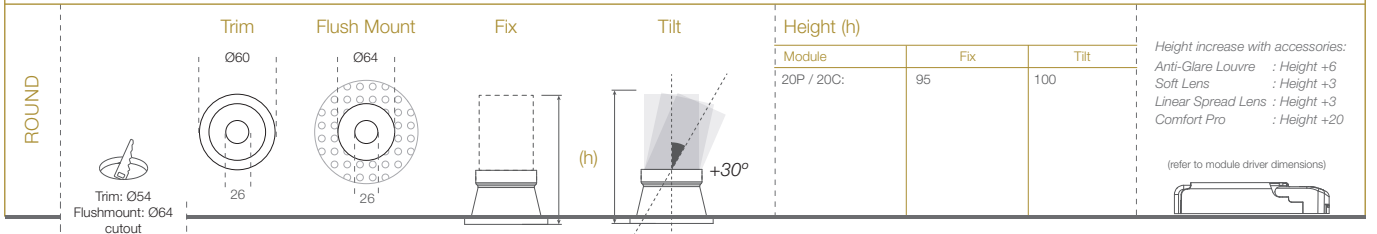
LED MODULE & DRIVER

Compatible LED Modules	20 series LED modules
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	15°, 25°, 40°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, Warm Dim, tuneWHITE, flexiK
CRI	High Efficiency (CRI-85), ProART (CRI-95), ProART98 (CRI-98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI

20 Pro /
20 Classic



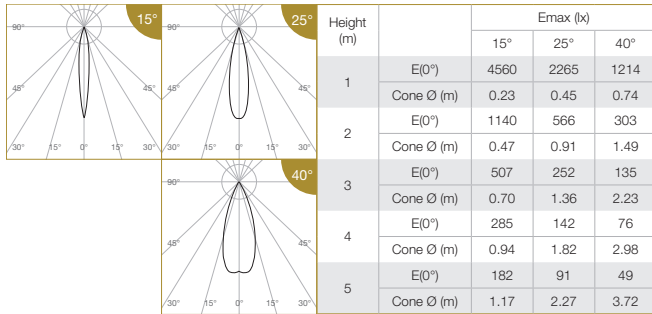
DIMENSIONS (MM)



ECLIPSE 2

PHOTOMETRICS

20 PRO



Correction Factor:
 20P - f = 1.00
 20C - f = 0.81
 20P-24CV - f = 0.78
 20C-24CV - f = 0.64

ELR LED Module				20P	20C	
LED Power				8W	6.2W	
System Power				10.5W	8.3W	
Luminous Flux (lm)	Single CCT (3000K)	15°	Type	CRI		
			High Efficiency Ra-85	713	581	
			ProART Ra-95	606	494	
		ProART98 Ra-98	499	407		
		25°	High Efficiency Ra-85	705	574	
			ProART Ra-95	599	488	
	ProART98 Ra-98		493	402		
	40°	High Efficiency Ra-85	697	568		
		ProART Ra-95	593	482		
		ProART98 Ra-98	488	397		
	Input Power (24CV)				8W	6.2W
	Luminous Flux (lm)	24CV Single CCT (3000K)	15°	Type	CRI	
High Efficiency Ra-85				554	458	
ProART Ra-95				472	389	
ProART98 Ra-98			388	320		
25°			High Efficiency Ra-85	548	452	
			ProART Ra-95	466	385	
		ProART98 Ra-98	384	317		
40°		High Efficiency Ra-85	542	447		
		ProART Ra-95	461	380		
		ProART98 Ra-98	379	313		

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI-85, equals to Ra>80-87, R9>0
 Nominal CRI-95, equals to Ra>90-97, R9>50
 Nominal CRI-98, equals to Ra>97-99, R9>93

ECLIPSE 2

PHOTOMETRICS

20 PRO WARM DIM

Height (m)		E _{max} (lx)		ELR LED Module				20P	20C
		25°	40°	LED Power		System Power		8W	6.2W
1	E(0°)	2632	1410	System Power				10.5W	8.3W
	Cone Ø (m)	0.45	0.74	Luminous Flux (lm)	Type	Beam Angle	CRI	696	539
E(0°)	658	353	Warm Dim (3100K)		25°	ProART Ra-95			
2	Cone Ø (m)	0.91	1.49		40°		688	533	
	3	E(0°)	292	157	<i>Data are based on maximum output at 3100K</i>				
Cone Ø (m)		1.36	2.23	<i>Nominal CRI-95, equals to Ra>90-97, R9>50</i>					
4	E(0°)	165	88						
	Cone Ø (m)	1.82	2.98						
5	E(0°)	105	56						
	Cone Ø (m)	2.27	3.72						

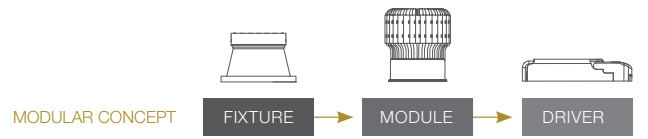
Correction Factor: 20P WD - f = 1.00
20C WD - f = 0.78

20 PRO tuneWHITE / flexiK

Height (m)		E _{max} (lx)		ELR LED Module				20P	20C
		25°	40°	LED Power		System Power		8W	6.2W
1	E(0°)	2139	1146	System Power				10.5W	8.3W
	Cone Ø (m)	0.45	0.74	Luminous Flux (lm)	Type	Beam Angle	CRI	566	439
E(0°)	535	286	tuneWHITE / flexiK (4000K / 6500K)		25°	ProART Ra-95			
2	Cone Ø (m)	0.91	1.49		40°		559	434	
	3	E(0°)	238	127	<i>Data are based on maximum output at highest CCT (4000K / 6500K)</i>				
Cone Ø (m)		1.36	2.23	<i>2700K will have a nominal data value of 10% lower than published. (f = 0.90)</i>					
4	E(0°)	134	72	<i>1800K will have a nominal data value of 30% lower than published. (f = 0.70)</i>					
	Cone Ø (m)	1.82	2.98	<i>Nominal CRI-95, equals to Ra>90-97, R9>50</i>					
5	E(0°)	86	46						
	Cone Ø (m)	2.27	3.72						

Correction Factor: 20P TW / FK - f = 1.00
20C TW / FK - f = 0.78

ECLIPSE 2



ORDERING MATRIX CHART

Fixture										
Type	Trim Options		Shape		Angle		Colour		Accessories	
ECLIPSE-2	T	Trim	RD	Round	FX	Fix	WH	Matt White	N	None
	X	Flush Mount							TL	Tilt
									SL	Soft Lens
									LSL	Linear Spread Lens
									CP	Comfort Pro
									IP	IP54**

**IP54 seal accessory is valid for fix angle fixtures only.

Single CCT LED Module						Driver			
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
ELR20P	8W	15	15°	27	2700K	HE	Ra~85	ND	Non-Dim
ELR20C	6.2W	25	25°	30	3000K	PA	ProART	PH	Phase
				35	3500K	PP	ProART98	AN	0-10V
		40	40°	40	4000K			DA	DALI
				50	5000K				
ELR20P-24CV	8W	15	15°	27	2700K	HE	Ra~85		
ELR20C-24CV	6.2W	25	25°	30	3000K	PA	ProART		
				35	3500K	PP	ProART98		
		40	40°	40	4000K				
				50	5000K				

*Drivers for 24CV LED modules are sold separately.

example: ECLIPSE-2.T.RD.FX.WH.SL.ELR20P.15.27.PA.DA

*Custom RAL colour options available.

Warm Dim LED Module						Driver			
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
ELR20P	8W	25	25°	WD	Warm Dim	PA	ProART	PH	Phase
ELR20C	6.2W	40	40°					AN	0-10V
								DA	DALI

tuneWHITE LED Module						Driver			
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
ELR20P	8W	25	25°	TW1831	tuneWHITE 1800K-3100K	PA	ProART	DA	DALI
ELR20C	6.2W	40	40°	TW1840	tuneWHITE 1800K-4000K				
				TW2765	tuneWHITE 2700K-6500K				

flexiK LED Module						Driver			
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
ELR20P	8W	25	25°	FK##	flexiK	PA	ProART	PH	Phase
ELR20C	6.2W	40	40°					AN	0-10V
								DA	DALI

denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K.