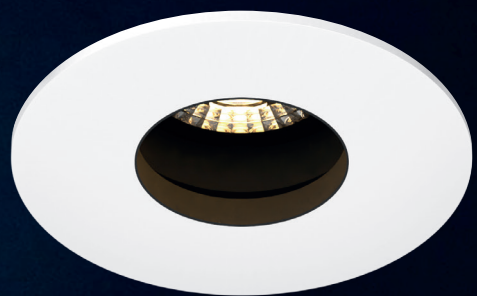
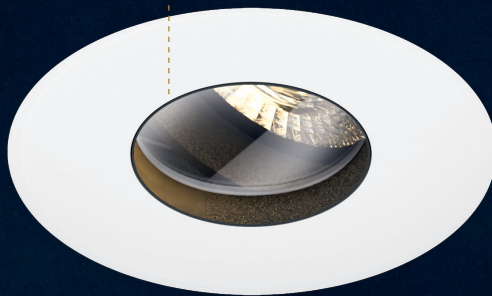


ECLIPSE

DOWNLIGHT SERIES

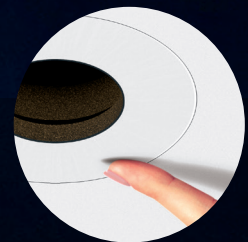
A series of premium pinhole downlights designed with a "dark silent ring" for optimum glare control. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with various choices to provide optimal illumination for all kinds of spaces.

Dark Silent Ring



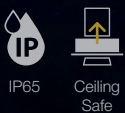
Future proof with upgradeable module

Multiple accessories options



Flush mount

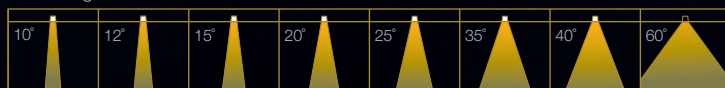
Fixture Features



Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation

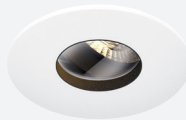


ECLIPSE 2 65

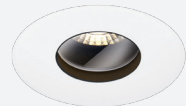
RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE



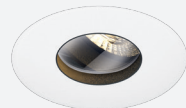
#ROUND
#FIX
#TRIM
#IP65



#ROUND
#TILT
#TRIM
#IP65



#ROUND
#FIX
#FLUSH MOUNT
#IP65



#ROUND
#TILT
#FLUSH MOUNT
#IP65

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	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Honeycomb Anti-Glare Louvre</p> </div> <div style="text-align: center;">  <p>Soft Lens</p> </div> <div style="text-align: center;">  <p>Linear Spread Lens</p> </div> <div style="text-align: center;">  <p>Comfort Pro</p> </div> </div>																														
LED MODULE	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  <p>20C/P</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;"></th> <th style="width: 10%; text-align: center;">15°</th> <th style="width: 10%; text-align: center;">25°</th> <th style="width: 10%; text-align: center;">40°</th> </tr> </thead> <tbody> <tr> <td> SINGLE CCT  2700K  3000K  3500K  4000K  5000K  ProART  ProART98 </td> <td style="text-align: center;">20P / 20C</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> <tr> <td> WARM DIM  </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> tuneWHITE  </td> <td style="text-align: center;">20P / 20C</td> <td></td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> <tr> <td> flexiK  </td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div>								15°	25°	40°	SINGLE CCT  2700K  3000K  3500K  4000K  5000K  ProART  ProART98	20P / 20C	✓	✓	✓	WARM DIM 					tuneWHITE 	20P / 20C		✓	✓	flexiK 				
		15°	25°	40°																											
SINGLE CCT  2700K  3000K  3500K  4000K  5000K  ProART  ProART98	20P / 20C	✓	✓	✓																											
WARM DIM 																															
tuneWHITE 	20P / 20C		✓	✓																											
flexiK 																															
<p><i>**tuneWHITE and flexiK are recommended to be paired with Soft Lens for better colour mixing effect.</i></p>																															
DRIVER DIMMING	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>(ND)</p> </div> <div style="text-align: center;">  <p>(PH)</p> </div> <div style="text-align: center;">  <p>(AN)</p> </div> <div style="text-align: center;">  <p>(DA)</p> </div> </div>																														

ECLIPSE 2

IP 65

#ROUND
#FIX
#TILT
#TRIM
#FLUSHMOUNT

SPECIFICATIONS

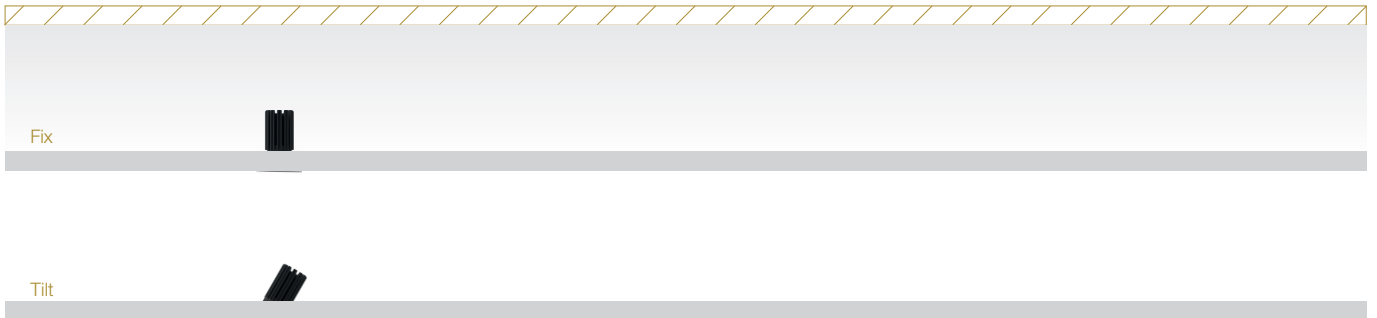
FIXTURE

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
Ingress Protection	IP65 (Fixture Face Only)

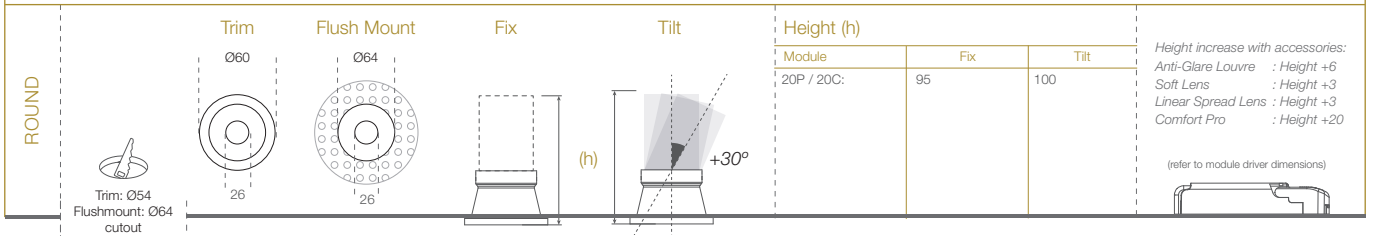
LED MODULE & DRIVER

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



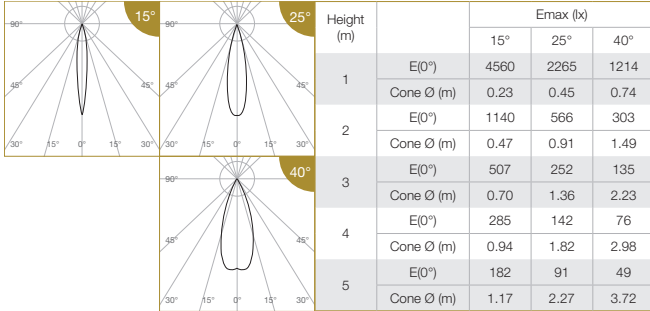
DIMENSIONS (MM)



ECLIPSE 2 IP 65

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)	Type	Beam Angle	CRI	
				High Efficiency Ra-85	ProART Ra-95
		15°	High Efficiency Ra-85	713	581
			ProART Ra-95	606	494
		ProART98 Ra-98	High Efficiency Ra-85	499	407
			ProART Ra-95	705	574
	25°	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	High Efficiency Ra-85	488	397	
		ProART Ra-95	593	482	
Input Power (24CV)				8W	6.2W
Luminous Flux (lm)	24CV Single CCT (3000K)	Type	Beam Angle	CRI	
				High Efficiency Ra-85	ProART Ra-95
		15°	High Efficiency Ra-85	554	458
			ProART Ra-95	472	389
		ProART98 Ra-98	High Efficiency Ra-85	388	320
			ProART Ra-95	548	452
	25°	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	High Efficiency Ra-85	379	313	
		ProART Ra-95	461	380	

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 IP 65

PHOTOMETRICS

20 PRO WARM DIM

Height (m)		Emax (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
2	E(0°)	658	353		Warm Dim (3100K)	25°			
3	Cone Ø (m)	0.91	1.49						
	4	E(0°)	292	157					
Cone Ø (m)		1.36	2.23						
5	E(0°)	165	88						
	Cone Ø (m)	1.82	2.98						
5	E(0°)	105	56						
	Cone Ø (m)	2.27	3.72						

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

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

20 PRO tuneWHITE/flexiK

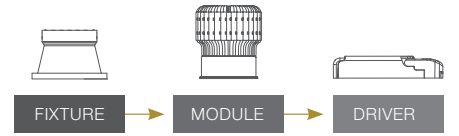
Height (m)		Emax (lx)		ELR LED Module				20P	20C
		25°	40°	LED Power		System Power		8W	6.2W
1	E(0°)	2139	1146	System Power		10.5W		8.3W	
	Cone Ø (m)	0.45	0.74	Luminous Flux (lm)	Type	Beam Angle	CRI	566	439
2	E(0°)	535	286		tuneWHITE / flexiK (4000K / 6500K)	25°			
3	Cone Ø (m)	0.91	1.49						
	4	E(0°)	238	127					
Cone Ø (m)		1.36	2.23						
5	E(0°)	134	72						
	Cone Ø (m)	1.82	2.98						
5	E(0°)	86	46						
	Cone Ø (m)	2.27	3.72						

*Data are based on maximum output at highest CCT (4000K / 6500K).
2700K will have a nominal data value of 10% lower than published. (f = 0.90)
1800K will have a nominal data value of 30% lower than published. (f = 0.70)
Nominal CRI-95, equals to Ra>90-97, R9>50*

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

ECLIPSE 2 65

MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture										
Type	Trim Options		Shape		Angle		Colour		Accessories	
ECLIPSE-2.IP65	T	Trim	RD	Round	FX	Fix	WH	Matt White	N	None
	X	Flush Mount								TL
								SL		Soft Lens
								LSL		Linear Spread Lens
								CP	Comfort Pro	

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	4000K						
		40	40°	50	5000K				

*Drivers for 24CV LED modules are sold separately.

example: ECLIPSE-2.IP65.T.RD.FX.WH.N.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.