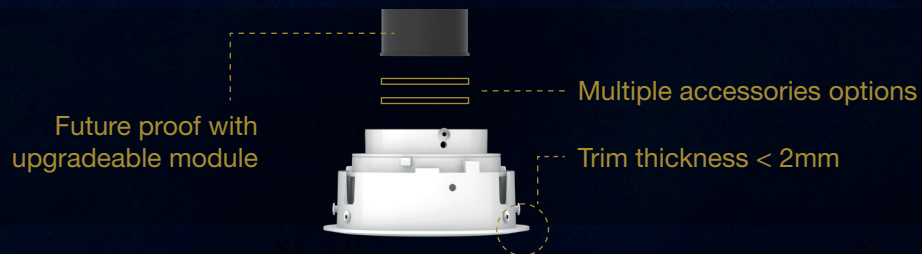
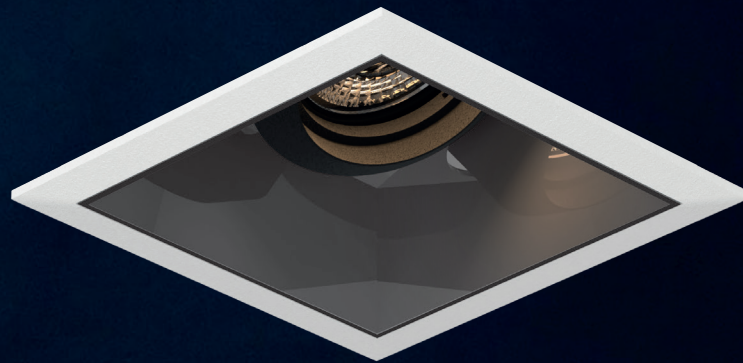
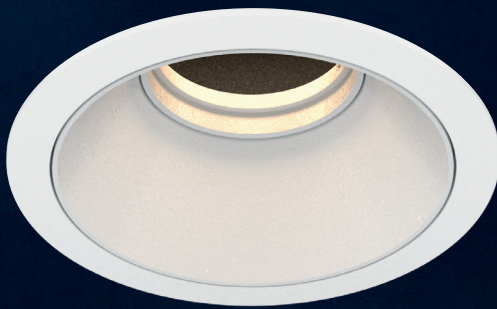


Reduced Glare

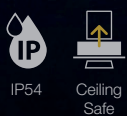
VASARI

DOWNLIGHT SERIES

A series of premium recessed downlights available in various sizes, shapes, and finishing. Paired with ELR's highly configurable LED modules, the Vasari downlight series offers a high degree of flexibility, aesthetics and functionality for the most discerning of applications.



Fixture Features



Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



VASARI 4

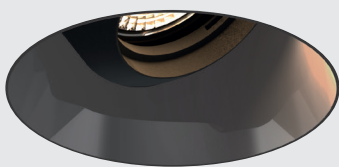
RECESSED ROUND FIX / TILT DOWNLIGHT LUMINAIRE



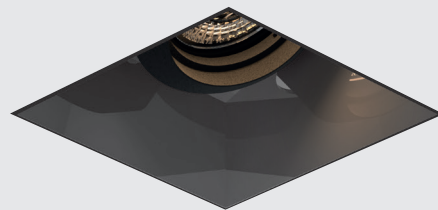
#ROUND
#FIX
#TRIM



#SQUARE
#FIX
#TRIM



#ROUND
#TILT
#TRIMLESS



#SQUARE
#TILT
#TRIMLESS

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

FITTURE COLOUR OPTIONS	Trim Colour Options	Reflector Colour Options		
		MATT WHITE RAL9003	MATT BLACK RAL9011	CHROME
MATT WHITE RAL9003				
MATT BLACK RAL9011				

ACCESSORIES
<p>*IP54 seal accessory is valid for fix angle fixtures only.</p> <p>***Adapter Ring accessory is necessary when paired with COIN, 35 or 50 series LED module variants.</p>
Honeycomb Anti-Glare Louvre Soft Lens Linear Spread Lens Comfort Pro IP54 Adapter Ring

LED MODULE	LED MODULE TYPES											Beam Angles				
	100P/C	50PM/CM	50P/C	35P	50N	35N	COIN	35P-HI	50N-HI	35N-HI	COIN-HI	10°	12°	20°	35°	60°
SINGLE CCT 2700K 3000K 3500K 4000K 5000K ProART ProART98	100P / 100C															
	50PM / 50CM / 50P / 50C / 35P / 50N / 35N / COIN											✓	✓	✓	✓	✓
	35P-HI / 50N-HI / 35N-HI / COIN-HI															
	ComfySHIFT															
	ComfySHIFT															
	WARM DIM															
	WARM DIM															
	tuneWHITE															
	tuneWHITE															
	flexiK															
	flexiK															
	RGBW															
	RGBW															

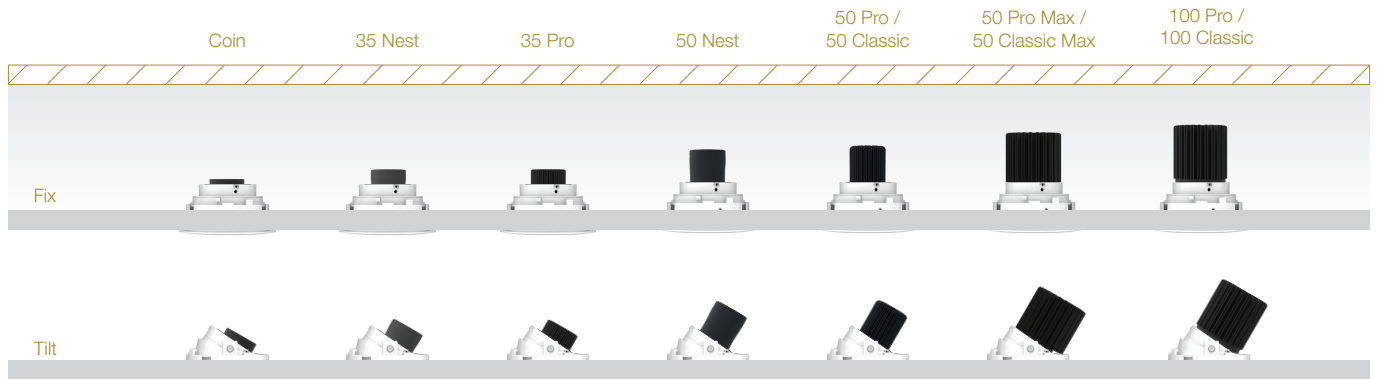
DRIVER DIMMING
(ND) (PH) (AN) (DA)

VASARI 4

#ROUND
#SQUARE
#FIX
#TILT
#TRIM
#TRIMLESS

SPECIFICATIONS

FIXTURE	
Family Type	Vasari series
Fixture Colours	Matt white, matt black
Reflector Colours	Matt white, matt black, chrome
Fixture Materials	Aluminium (and plastic for chrome reflector)
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens, Comfy Pro, IP54 seal
Ingress Protection	IP40, IP54
LED MODULE & DRIVER	
Compatible LED Modules	50, 35, COIN series LED modules or MR16/GU10
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, ComfySHIFT, Warm Dim, tuneWHITE, flexiK, RGBW
CRI	High Efficiency (CRI-85), ProART (CRI-95), ProART98 (CRI-98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI



DIMENSIONS (MM)

	ROUND				SQUARE			
	Trim	Trimless	Fix	Tilt	Trim	Trimless	Fix	Tilt
Ø125 cutout	Ø136	Ø125			136 x 136	125 x 125		
Height (h)			(h)	+30°			(h)	+30°

Module	Height (h)			
	Fix		Tilt	
	Matt	Dark Light	Matt / Dark Light	Matt / Dark Light
100P / 100C:	145	155	150	150
50PM / 50CM:	142	152	146	146
50P / 50C:	128	138	130	130
50N:	125	135	127	127
35P / 35N:	99	109	104	104
COIN:	75	85	83	83
50N-HI:	135	145	137	137
35N-HI / 35P-HI:	109	119	114	114
COIN-HI:	85	95	93	93

Module	Height (h)			
	Fix		Tilt	
	Matt	Dark Light	Matt / Dark Light	Matt / Dark Light
100P / 100C:	145	155	150	150
50PM / 50CM:	142	152	146	146
50P / 50C:	128	138	130	130
50N:	125	135	127	127
35P / 35N:	99	109	104	104
COIN:	75	85	83	83
50N-HI:	135	145	137	137
35N-HI / 35P-HI:	109	119	114	114
COIN-HI:	85	95	93	93

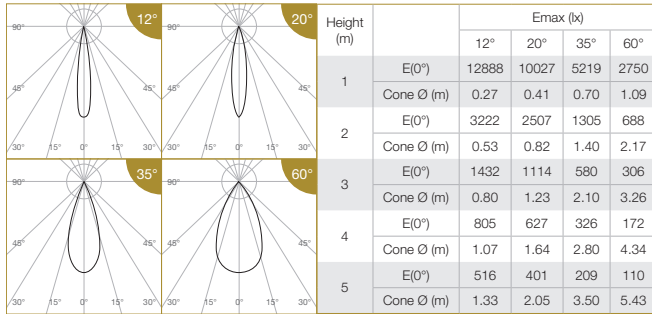
Height increase with accessories:
 Anti-Glare Louvre : Height +6
 Soft Lens : Height +3
 Linear Spread Lens : Height +3
 Comfy Pro : Height +20

(refer to module driver dimensions)

VASARI 4

PHOTOMETRICS

100 PRO



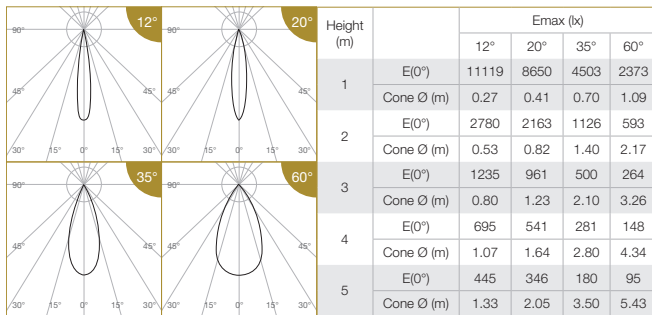
Correction Factor: 100P - f = 1.00
100C - f = 0.69

ELR LED Module				100P	100C
LED Power				23W	17W
System Power				28W	21W
Luminous Flux (lm)	Single CCT (3000K)	Type	Beam Angle	CRI	
				High Efficiency Ra-85	2490
		12°	ProART Ra-95	2117	1453
			ProART98 Ra-98	1743	1197
		20°	High Efficiency Ra-85	2820	1936
			ProART Ra-95	2397	1646
		35°	ProART98 Ra-98	1974	1355
			High Efficiency Ra-85	2880	1978
		60°	ProART Ra-95	2448	1681
			ProART98 Ra-98	2016	1384
		60°	High Efficiency Ra-85	2880	1978
			ProART Ra-95	2448	1681
60°	ProART98 Ra-98	2016	1384		

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

100 PRO WARM DIM



ELR LED Module				100P
LED Power				23W
System Power				28W
Luminous Flux (lm)	Warm Dim (3100K)	Type	Beam Angle	CRI
		20°	2068	
		35°	2112	
		60°	2112	

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

VASARI 4

PHOTOMETRICS

100 PRO tuneWHITE/flexiK



Height (m)		Emax (lx)			ELR LED Module				100P
		20°	35°	60°	LED Power		System Power		23W
1	E(0°)	7471	3889	2049	Luminous Flux (lm)				28W
	Cone Ø (m)	0.41	0.70	1.09					
2	E(0°)	1868	972	512	tuneWHITE/flexiK (4000K / 6500K)	20°	CRI	ProART Ra-95	1786
	Cone Ø (m)	0.82	1.40	2.17					
3	E(0°)	830	432	228	35°	60°			1824
	Cone Ø (m)	1.23	2.10	3.26					
4	E(0°)	467	243	128	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				
	Cone Ø (m)	1.64	2.80	4.34					
5	E(0°)	299	156	82					
	Cone Ø (m)	2.05	3.50	5.43					

100 PRO RGBW

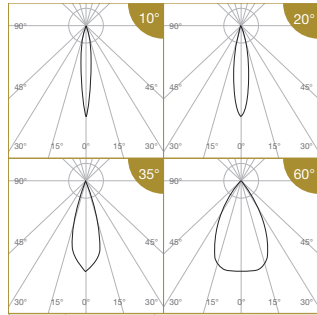


Height (m)		Emax (lx)		ELR LED Module				100P
		35°	60°	LED Power		System Power		22W
1	E(0°)	2077	1095	Luminous Flux (lm)				26W
	Cone Ø (m)	0.70	1.09					
2	E(0°)	519	274	RGBW	35°	CRI	N/A	974
	Cone Ø (m)	1.40	2.17					
3	E(0°)	231	122	60°				974
	Cone Ø (m)	2.10	3.26					
4	E(0°)	130	68	Data are based on maximum output of all 4 RGBW channels.				
	Cone Ø (m)	2.80	4.34					
5	E(0°)	83	44					
	Cone Ø (m)	3.50	5.43					

VASARI 4

PHOTOMETRICS

50 PRO



Height (m)	E(0°)	E _{max} (lx)			
		10°	20°	35°	60°
1	E(0°)	8185	5304	3119	1206
	Cone Ø (m)	0.19	0.34	0.60	1.15
2	E(0°)	2046	1326	780	301
	Cone Ø (m)	0.38	0.68	1.19	2.30
3	E(0°)	909	589	347	134
	Cone Ø (m)	0.57	1.03	1.79	3.45
4	E(0°)	512	331	195	75
	Cone Ø (m)	0.76	1.37	2.38	4.60
5	E(0°)	327	212	125	48
	Cone Ø (m)	0.95	1.71	2.98	5.75

Correction Factor:

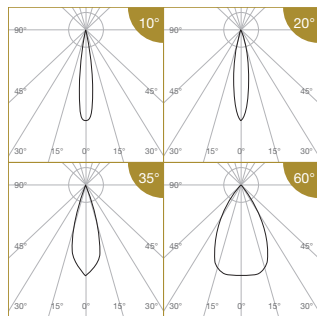
50P (10°) - f = 1.00	50P (20°, 35°, 60°) - f = 1.00
50C (10°) - f = 0.78	50C (20°, 35°, 60°) - f = 0.80
35P (10°) - f = 0.62	35P (20°, 35°, 60°) - f = 0.71
50N (10°) - f = 0.58	50N (20°, 35°, 60°) - f = 0.63
35N (10°) - f = 0.42	35N (20°, 35°, 60°) - f = 0.47
COIN (10°) - f = 0.35	COIN (20°, 35°, 60°) - f = 0.38
50PM (10°) - f = 1.69	50PM (20°, 35°, 60°) - f = 1.73
50CM (10°) - f = 1.37	50CM (20°, 35°, 60°) - f = 1.40
50P-24CV (10°) - f = 0.75	50P-24CV (20°, 35°, 60°) - f = 0.70
50C-24CV (10°) - f = 0.62	50C-24CV (20°, 35°, 60°) - f = 0.57
35P-24CV (10°) - f = 0.48	35P-24CV (20°, 35°, 60°) - f = 0.49
COIN-24CV (10°) - f = 0.28	COIN-24CV (20°, 35°, 60°) - f = 0.27

ELR LED Module				50P	50C	35P	50N	35N	COIN	50PM	50CM
LED Power				12W	10W	8W	7.5W	5.5W	4.5W	21W	17W
System Power				15.2W	12.8W	11W	10W	7.5W	6W	25W	21W
Luminous Flux (lm)	Type	Beam Angle	CRI								
	Single CCT (3000K)	10°	High Efficiency Ra-85	1079	847	672	623	457	374	1826	1477
			ProART Ra-95	917	720	572	530	388	318	1552	1256
			ProART98 Ra-98	755	593	471	436	320	261	1278	1034
		20°	High Efficiency Ra-85	1395	1116	995	884	651	530	2418	1953
			ProART Ra-95	1186	949	846	751	553	451	2055	1660
			ProART98 Ra-98	977	781	697	618	456	371	1693	1367
	35°	High Efficiency Ra-85	1410	1128	1006	893	658	536	2444	1974	
		ProART Ra-95	1199	959	855	760	559	456	2077	1678	
		ProART98 Ra-98	987	790	704	625	461	375	1711	1382	
	60°	High Efficiency Ra-85	1440	1152	1027	912	672	547	2496	2016	
ProART Ra-95		1224	979	874	776	571	466	2122	1714		
ProART98 Ra-98		1008	806	719	638	470	383	1747	1411		
Input Power (24CV)				12W	10W	8W			4.5W		
Luminous Flux (lm)	Type	Beam Angle	CRI								
	24CV Single CCT (3000K)	10°	High Efficiency Ra-85	805	664	523			307		
			ProART Ra-95	685	564	445			261		
			ProART98 Ra-98	564	465	366			215		
		20°	High Efficiency Ra-85	977	800	688			381		
			ProART Ra-95	830	680	585			325		
			ProART98 Ra-98	684	560	482			267		
	35°	High Efficiency Ra-85	987	808	696			385			
		ProART Ra-95	839	687	591			328			
		ProART98 Ra-98	691	566	487			270			
	60°	High Efficiency Ra-85	1008	826	710			394			
ProART Ra-95		857	702	604			335				
ProART98 Ra-98		706	578	497			276				

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

35 PRO ComfySHIFT



Height (m)	E(0°)	E _{max} (lx)			
		10°	20°	35°	60°
1	E(0°)	4295	3536	2079	804
	Cone Ø (m)	0.27	0.34	0.60	1.15
2	E(0°)	1074	884	520	201
	Cone Ø (m)	0.53	0.68	1.19	2.30
3	E(0°)	477	393	231	89
	Cone Ø (m)	0.80	1.03	1.79	3.45
4	E(0°)	268	221	130	50
	Cone Ø (m)	1.07	1.37	2.38	4.60
5	E(0°)	172	141	83	32
	Cone Ø (m)	1.33	1.71	2.98	5.75

Correction Factor: 35P CS - f = 1.00
 50N CS - f = 0.94

ELR LED Module				35P	50N
LED Power				8W	7.5W
System Power				11W	10W
Luminous Flux (lm)	Type	Beam Angle	CRI		
	ComfySHIFT (3100K)	10°	ProART Ra-95	706	664
				791	744
				799	752
				816	768

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

VASARI 4

PHOTOMETRICS

50 PRO WARM DIM



Height (m)		Emax (lx)				ELR LED Module																
		10°	20°	35°	60°	50P		35P	50N	35N	COIN											
1	E(0°)	6469	5325	3131	1211	LED Power		12W	8W	7.5W	5.5W	4.5W										
	Cone Ø (m)	0.27	0.34	0.60	1.15	System Power		15.2W	11W	10W	7.5W	6W										
2	E(0°)	1617	1331	783	303	Luminous Flux (lm)	Type	Beam Angle	CRI	1062	706	664	490	398								
	Cone Ø (m)	0.53	0.68	1.19	2.30																	
3	E(0°)	719	592	348	135										Warm Dim (3100K)	10°	ProART Ra-95	1190	791	744	549	446
	Cone Ø (m)	0.80	1.03	1.79	3.45													1203	799	752	555	451
4	E(0°)	404	333	196	76													60°	1229	816	768	566
	Cone Ø (m)	1.07	1.37	2.38	4.60																	
5	E(0°)	259	213	125	48																	
	Cone Ø (m)	1.33	1.71	2.98	5.75																	

Correction Factor: 50P WD - f = 1.00
 35P WD - f = 0.66
 50N WD - f = 0.63
 35N WD - f = 0.46
 COIN WD - f = 0.38

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

50 PRO tuneWHITE/flexiK



Height (m)		Emax (lx)			ELR LED Module												
		20°	35°	60°	50P		50N	COIN									
1	E(0°)	4160	2446	946	LED Power		12W	7.5W	4.5W								
	Cone Ø (m)	0.34	0.60	1.15	System Power		15.2W	10W	6W								
2	E(0°)	1040	612	236	Luminous Flux (lm)	Type	Beam Angle	CRI	930	558	335						
	Cone Ø (m)	0.68	1.19	2.30													
3	E(0°)	462	272	105								tuneWHITE/flexiK (4000K / 6500K)	20°	ProART Ra-95	940	564	338
	Cone Ø (m)	1.03	1.79	3.45											960	576	346
4	E(0°)	260	153	59											60°		
	Cone Ø (m)	1.37	2.38	4.60													
5	E(0°)	166	98	38													
	Cone Ø (m)	1.71	2.98	5.75													

Correction Factor: 50P TW / FK - f = 1.00
 50N TW / FK - f = 0.60
 COIN TW / FK - f = 0.36

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

50 PRO RGBW



Height (m)		Emax (lx)		ELR LED Module			50P						
		35°	60°	LED Power		12W							
1	E(0°)	1480	572	System Power		15.2W							
	Cone Ø (m)	0.60	1.15	Luminous Flux (lm)	Type	Beam Angle	CRI						
2	E(0°)	370	143					RGBW	35°	N/A			
	Cone Ø (m)	1.19	2.30								569		
3	E(0°)	164	64									60°	581
	Cone Ø (m)	1.79	3.45										
4	E(0°)	93	36										
	Cone Ø (m)	2.38	4.60										
5	E(0°)	59	23										
	Cone Ø (m)	2.98	5.75										

Data are based on maximum output of all 4 RGBW channels.

35 PRO HIGH INTENSITY



Height (m)		Emax (lx)		ELR LED Module														
		10°		35P-HI		50N-HI	35N-HI	COIN-HI										
1	E(0°)	10860		LED Power		8W	7.5W	5.5W	4.5W									
	Cone Ø (m)	0.19		System Power		11W	10W	7.5W	6W									
2	E(0°)	2715		Luminous Flux (lm)	Type	Beam Angle	CRI	587	552	405	329							
	Cone Ø (m)	0.37																
3	E(0°)	1207										Single CCT (3000K)	10°	High Efficiency Ra-85	499	469	344	280
	Cone Ø (m)	0.56													ProART Ra-95			
4	E(0°)	679														ProART98 Ra-98	411	386
	Cone Ø (m)	0.74																
5	E(0°)	434																
	Cone Ø (m)	0.93																

Correction Factor: 35P-HI - f = 1.00
 50N-HI - f = 0.94
 35N-HI - f = 0.69
 COIN-HI - f = 0.56

