

# RINGO STAR-P1/G1



## DE

LED-Pendelleuchte, direkt-indirekt (-P1) oder rein direktstrahlend (-G1). Microprismenoptik aus Spezialacrylglas, alternativ Opaldiffusor aus satiniertem Acrylglas mit perfekt homogener Auflösung der Lichtpunkte.

Leuchtenkörper aus Aluminium-Strangpress-Profil. Oberfläche in Strukturlack matt weiß (RAL9003) oder matt silber (RAL9006). Optional weitere Farben und Oberflächen (s. Oberflächenübersicht). Diffusor bis D1500 mm in einem Stück.

Zwei Lichtkammern (-P1) wahlweise getrennt schaltbar oder zusammen dimmbar (1-10V, DALI, Touch-Dim). Optional getrennt dimmbar via DALI bzw. Touch-dim. Werkseitige Konverterprogrammierung ermöglicht unterschiedliche Lichtstromoptionen.

Standard LED-Farbtemperatur 2700K, 3000K und 4000K. Auf Wunsch 2200K, 3500K, 5000K, 6500K oder Ausführung RGB/W. Enge Farbtoleranz MacAdam 3. Farbwiedergabe Ra $\geq$ 80, auf Anfrage Ra $>$ 90 möglich.

Stufenlos höhenverstellbare Seilabhangung wahlweise zur Zentral- oder Parallelmontage mit Baldachin in Leuchtenfarbe lackiert. Zentralabhangung nur bis max. D2000 mm moglich.

## EN

LED pendant luminaire with direct-indirect (-P1) or direct only (-G1) light distribution. Microprismatic screen for glare-free illumination, optional opal diffuser for enhanced light transmission and perfect uniform illumination.

Luminaire body made of aluminium-profile. Matt white (RAL9003) or matt silver (RAL9006) powder-coated. On request extensive range of alternative colours and surfaces (see overview). Diffuser up to D'1500 mm without visible seam.

Two light-chambers (-P1) separately switched or together dimmed (1-10V, DALI, Touch-Dim). Optional: separately dimmed via DALI / Touch-Dim. Factory-set drivers enable different output levels.

Standard LED colour temperature 2700K, 3000K and 4000K. On request 2200K, 3500K, 5000K, 6500K. RGB/W version possible. MacAdam 3 step binning. Colour rendering CRI $\geq$ 80, CRI $>$ 90 on request.

Height adjustable cord suspension optionally for central or parallel installation with transparent power supply cable and ceiling rose matching luminaire's colour. Central suspension only possible up to max. D'2000 mm.

## FR

Luminaire LED suspendu, clairage direct et indirect (-P1) ou seulement direct (-G1). Diffuseur micro-prismatique en verre acrylique, en option: diffuseur opale en verre acrylique satine avec une diffusion homogene des points lumineux.


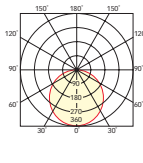
Corps du luminaire en aluminium extrude. Surface laquee en blanc mat (RAL9003) ou gris mat (RAL9006). Couleurs et surfaces supplementaires en option (voir annexe). Diffuseur en une piece jusqu'a un diametre de 1500mm.

Deux compartiments lumineux (-P1) commutable separement ou graduable en combine (1-10V, DALI, Touch-Dim). En Option: graduable separement via systeme DALI / Touch DIM. Programmation en usine offrant differentes options de flux lumineux.

Temperature de couleur LED standard 2700K, 3000K ou 4000K. Sur demande: 2200K, 3500K, 5000K, 6500K ou version RGBW (MacAdam 3). Rendu de couleur IRC $\geq$ 80, sur demande IRC $>$ 90.

Suspension reglable en hauteur pour un montage central ou parallele avec patere saillie laquee de la couleur du luminaire. Montage central possible seulement jusqu'a un diametre de 2000mm.

RINGO STAR-GI / DIRECT / MICROPRISMATIC

150° 180° 150°  
120° 90° 60°  
30° 0° 30°

CENTRAL SUSPENSION PARALLEL SUSPENSION

max = 4000

H

only available for diameters 600- 2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

100

D

IP20

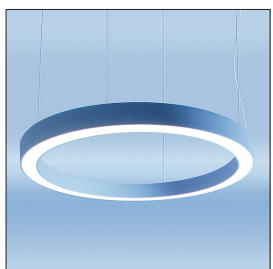
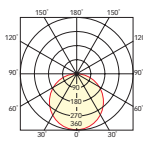
CE

D	H	LUMEN/WATT	CODE	CODE	KG
LED - MEDIUM POWER			SILVER	WHITE	
600	75	2960lm/39W*	RG1ASE-###M-D600-*S	RG1AWE-###M-D600-*W	10,7
900	75	5770lm/78W*	RG1ASE-###M-D900-*S	RG1AWE-###M-D900-*W	13,7
1200	75	8742lm/113W*	RG1ASE-###M-D1200-*S	RG1AWE-###M-D1200-*W	17,1
1500	75	10820lm/142W*	RG1ASE-###M-D1500-*S	RG1AWE-###M-D1500-*W	21,6
2000	75	14425lm/188W*	RG1ASE-###M-D2000-*S	RG1AWE-###M-D2000-*W	23,0
2500	80	19226lm/236W*	RG1ASE-###M-D2500-KS	RG1AWE-###M-D2500-KW	29,0
3000	80	23663lm/290W*	RG1ASE-###M-D3000-KS	RG1AWE-###M-D3000-KW	35,0
3500	80	28100lm/344W*	RG1ASE-###M-D3500-KS	RG1AWE-###M-D3500-KW	40,0
4000	80	29580m/362W*	RG1ASE-###M-D4000-KS	RG1AWE-###M-D4000-KW	46,0
5000	80	38453lm/470W*	RG1ASE-###M-D5000-KS	RG1AWE-###M-D5000-KW	58,0
6000	80	47327lm/577W*	RG1ASE-###M-D6000-KS	RG1AWE-###M-D6000-KW	69,0
7000	80	53242lm/649W*	RG1ASE-###M-D7000-KS	RG1AWE-###M-D7000-KW	81,0
8000	80	62116lm/757W*	RG1ASE-###M-D8000-KS	RG1AWE-###M-D8000-KW	96,0

CONTROL	E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM
LED COLOUR TEMPERATURE ###	827: 2700K, 830: 3000K, 840: 4000K
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

RINGO STAR-GI / DIRECT / OPAL

150° 180° 150°  
120° 90° 60°  
30° 0° 30°

CENTRAL SUSPENSION PARALLEL SUSPENSION

max = 4000

H

only available for diameters 600- 2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

100

D

IP20

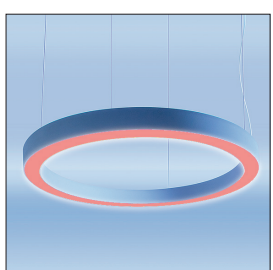
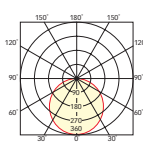
CE

D	H	LUMEN/WATT	CODE	CODE	KG
LED - MEDIUM POWER			SILVER	WHITE	
600	75	3495lm/39W*	RG1OSE-###M-D600-*S	RG1OWE-###M-D600-*W	10,7
900	75	6819lm/78W*	RG1OSE-###M-D900-*S	RG1OWE-###M-D900-*W	13,7
1200	75	10332lm/113W*	RG1OSE-###M-D1200-*S	RG1OWE-###M-D1200-*W	17,1
1500	75	12786lm/142W*	RG1OSE-###M-D1500-*S	RG1OWE-###M-D1500-*W	21,6
2000	75	17047lm/188W*	RG1OSE-###M-D2000-*S	RG1OWE-###M-D2000-*W	23,0
2500	80	19576lm/236W*	RG1OSE-###M-D2500-KS	RG1OWE-###M-D2500-KW	29,0
3000	80	24093lm/290W*	RG1OSE-###M-D3000-KS	RG1OWE-###M-D3000-KW	35,0
3500	80	28611lm/344W*	RG1OSE-###M-D3500-KS	RG1OWE-###M-D3500-KW	40,0
4000	80	30116m/362W*	RG1OSE-###M-D4000-KS	RG1OWE-###M-D4000-KW	46,0
5000	80	39152lm/470W*	RG1OSE-###M-D5000-KS	RG1OWE-###M-D5000-KW	58,0
6000	80	48187lm/577W*	RG1OSE-###M-D6000-KS	RG1OWE-###M-D6000-KW	69,0
7000	80	54210lm/649W*	RG1OSE-###M-D7000-KS	RG1OWE-###M-D7000-KW	81,0
8000	80	63245lm/757W*	RG1OSE-###M-D8000-KS	RG1OWE-###M-D8000-KW	96,0

CONTROL	E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM
LED COLOUR TEMPERATURE ###	827: 2700K, 830: 3000K, 840: 4000K
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

RINGO STAR-GI / DIRECT / OPAL / RGBW

150° 180° 150°  
120° 90° 60°  
30° 0° 30°

CENTRAL SUSPENSION PARALLEL SUSPENSION

max = 4000

H

only available for diameters 600- 2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

100

D

IP20

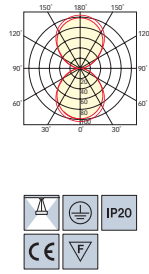
CE

D	H	LUMEN/WATT	RGB	CODE	CODE	KG
LED - MEDIUM POWER				SILVER	WHITE	
600	75	1612lm/24W*	28W	RG1OSL-RGBW-D600-*S	RG1OWL-RGBW-D600-*W	10,7
900	75	2821lm/39W*	46W	RG1OSL-RGBW-D900-*S	RG1OWL-RGBW-D900-*W	13,7
1200	75	3627lm/50W*	58W	RG1OSL-RGBW-D1200-*S	RG1OWL-RGBW-D1200-*W	17,1
1500	75	4836lm/65W*	76W	RG1OSL-RGBW-D1500-*S	RG1OWL-RGBW-D1500-*W	21,6
2000	75	6448lm/86W*	101W	RG1OSL-RGBW-D2000-*S	RG1OWL-RGBW-D2000-*W	23,0
2500	80	8060lm/107W*	125W	RG1OSL-RGBW-D2500-KS	RG1OWL-RGBW-D2500-KW	29,0
3000	80	9672lm/128W*	150W	RG1OSL-RGBW-D3000-KS	RG1OWL-RGBW-D3000-KW	35,0
3500	80	11284lm/149W*	174W	RG1OSL-RGBW-D3500-KS	RG1OWL-RGBW-D3500-KW	40,0
4000	80	12896lm/170W*	198W	RG1OSL-RGBW-D4000-KS	RG1OWL-RGBW-D4000-KW	46,0
5000	80	16120lm/212W*	247W	RG1OSL-RGBW-D5000-KS	RG1OWL-RGBW-D5000-KW	58,0
6000	80	20956lm/274W*	291W	RG1OSL-RGBW-D6000-KS	RG1OWL-RGBW-D6000-KW	69,0
7000	80	24180lm/316W*	369W	RG1OSL-RGBW-D7000-KS	RG1OWL-RGBW-D7000-KW	81,0
8000	80	27404lm/358W*	417W	RG1OSL-RGBW-D8000-KS	RG1OWL-RGBW-D8000-KW	96,0

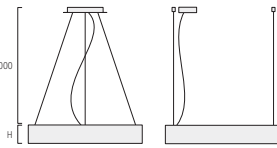
CONTROL	L: DALI, X: DMX
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom/Leistungsaufnahme bei 3000K ohne RGB | Luminaire luminous flux/consumption power at 3000K without RGB | Flux de luminaire à 3000K sans RGB

## RINGO STAR-PI / DIRECT-INDIRECT / MICROPRISMATIC



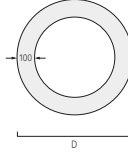
CENTRAL SUSPENSION PARALLEL SUSPENSION



only available for diameters 600-2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

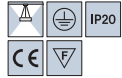
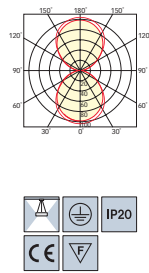


D	H	LUMEN/WATT	CODE	CODE	KG
LED - MEDIUM POWER			SILVER	WHITE	
600	75	5520lm/59W*	RP1ASG-###M-D600-*S	RP1AWG-###M-D600-*W	11,7
900	75	10825lm/115W*	RP1ASG-###M-D900-*S	RP1AWG-###M-D900-*W	14,7
1200	75	16365lm/168W*	RP1ASG-###M-D1200-*S	RP1AWG-###M-D1200-*W	18,1
1500	75	20300lm/210W*	RP1ASG-###M-D1500-*S	RP1AWG-###M-D1500-*W	22,6
2000	75	27060lm/278W*	RP1ASG-###M-D2000-*S	RP1AWG-###M-D2000-*W	24,0
2500	100	29950lm/401W*	RP1ASG-###M-D2500-KS	RP1AWG-###M-D2500-KW	30,0
3000	100	37961lm/395W*	RP1ASG-###M-D3000-KS	RP1AWG-###M-D3000-KW	36,0
3500	100	43590lm/458W*	RP1ASG-###M-D3500-KS	RP1AWG-###M-D3500-KW	41,0
4000	100	48645lm/501W*	RP1ASG-###M-D4000-KS	RP1AWG-###M-D4000-KW	47,0
5000	100	59900lm/626W*	RP1ASG-###M-D5000-KS	RP1AWG-###M-D5000-KW	59,0
6000	100	74730lm/776W*	RP1ASG-###M-D6000-KS	RP1AWG-###M-D6000-KW	70,0
7000	100	86610lm/890W*	RP1ASG-###M-D7000-KS	RP1AWG-###M-D7000-KW	82,0
8000	100	100245lm/1031W*	RP1ASG-###M-D8000-KS	RP1AWG-###M-D8000-KW	97,0

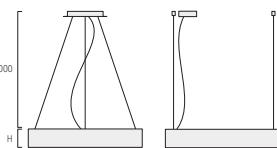
CONTROL	G: SEP. SWITCHABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM
LED COLOUR TEMPERATURE ###	827: 2700K, 830: 3000K, 840: 4000K
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

## RINGO STAR-PI / DIRECT-INDIRECT / OPAL



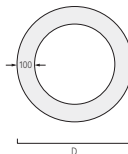
CENTRAL SUSPENSION PARALLEL SUSPENSION



only available for diameters 600-2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

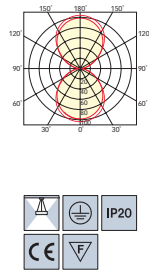


D	H	LUMEN/WATT	CODE	CODE	KG
LED - MEDIUM POWER			SILVER	WHITE	
600	75	6060lm/59W*	RP1OSG-###M-D600-*S	RP1OWG-###M-D600-*W	11,7
900	75	11875lm/115W*	RP1OSG-###M-D900-*S	RP1OWG-###M-D900-*W	14,7
1200	75	17955lm/168W*	RP1OSG-###M-D1200-*S	RP1OWG-###M-D1200-*W	18,1
1500	75	22265lm/210W*	RP1OSG-###M-D1500-*S	RP1OWG-###M-D1500-*W	22,6
2000	75	29685lm/278W*	RP1OSG-###M-D2000-*S	RP1OWG-###M-D2000-*W	24,0
2500	100	30300lm/401W*	RP1OSG-###M-D2500-KS	RP1OWG-###M-D2500-KW	30,0
3000	100	38395lm/395W*	RP1OSG-###M-D3000-KS	RP1OWG-###M-D3000-KW	36,0
3500	100	44100lm/458W*	RP1OSG-###M-D3500-KS	RP1OWG-###M-D3500-KW	41,0
4000	100	49185lm/501W*	RP1OSG-###M-D4000-KS	RP1OWG-###M-D4000-KW	47,0
5000	100	60600lm/626W*	RP1OSG-###M-D5000-KS	RP1OWG-###M-D5000-KW	59,0
6000	100	76600lm/776W*	RP1OSG-###M-D6000-KS	RP1OWG-###M-D6000-KW	70,0
7000	100	87580lm/890W*	RP1OSG-###M-D7000-KS	RP1OWG-###M-D7000-KW	82,0
8000	100	101375lm/1031W*	RP1OSG-###M-D8000-KS	RP1OWG-###M-D8000-KW	97,0

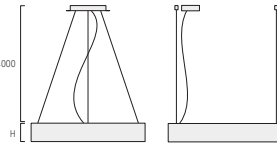
CONTROL	G: SEP. SWITCHABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM
LED COLOUR TEMPERATURE ###	827: 2700K, 830: 3000K, 840: 4000K
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

## RINGO STAR-PI / DIRECT: WHITE / INDIRECT: RGB / OPAL



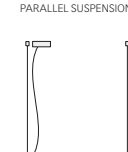
CENTRAL SUSPENSION PARALLEL SUSPENSION



only available for diameters 600-2000mm.

Minimal height for central suspension

D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

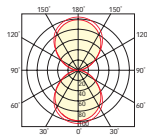
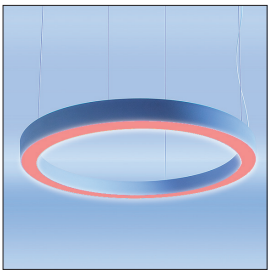


D	H	LUMEN/WATT	RGB	CODE	CODE	KG
LED - MEDIUM POWER				SILVER	WHITE	
600	75	3495lm/39W*	28W	RP1OSL-WRGB-D600-*S	RP1OWL-WRGB-D600-*W	11,7
900	75	6819lm/78W*	46W	RP1OSL-WRGB-D900-*S	RP1OWL-WRGB-D900-*W	14,7
1200	75	10332lm/113W*	58W	RP1OSL-WRGB-D1200-*S	RP1OWL-WRGB-D1200-*W	18,1
1500	75	12786lm/142W*	76W	RP1OSL-WRGB-D1500-*S	RP1OWL-WRGB-D1500-*W	22,6
2000	75	17047lm/188W*	101W	RP1OSL-WRGB-D2000-*S	RP1OWL-WRGB-D2000-*W	24,0
2500	100	19576lm/236W*	125W	RP1OSL-WRGB-D2500-KS	RP1OWL-WRGB-D2500-KW	30,0
3000	100	24093lm/290W*	150W	RP1OSL-WRGB-D3000-KS	RP1OWL-WRGB-D3000-KW	36,0
3500	100	28611lm/344W*	174W	RP1OSL-WRGB-D3500-KS	RP1OWL-WRGB-D3500-KW	41,0
4000	100	30116lm/362W*	198W	RP1OSL-WRGB-D4000-KS	RP1OWL-WRGB-D4000-KW	47,0
5000	100	39152lm/470W*	247W	RP1OSL-WRGB-D5000-KS	RP1OWL-WRGB-D5000-KW	59,0
6000	100	48187lm/577W*	291W	RP1OSL-WRGB-D6000-KS	RP1OWL-WRGB-D6000-KW	70,0
7000	100	54210lm/649W*	369W	RP1OSL-WRGB-D7000-KS	RP1OWL-WRGB-D7000-KW	82,0
8000	100	63245lm/757W*	417W	RP1OSL-WRGB-D8000-KS	RP1OWL-WRGB-D8000-KW	97,0

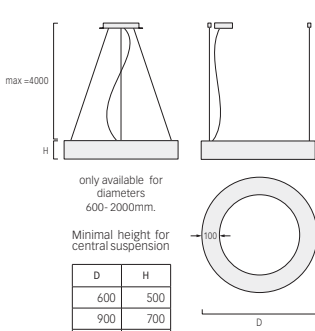
CONTROL	L: DALI, X: DMX
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom/Leistungsaufnahme bei 3000K ohne RGB | Luminaire luminous flux/consumption power at 3000K without RGB | Flux de luminaire à 3000K sans RGB

RINGO STAR-PI / DIRECT-INDIRECT: RGBW / OPAL



CENTRAL SUSPENSION PARALLEL SUSPENSION



only available for diameters 600-2000mm.

Minimal height for central suspension

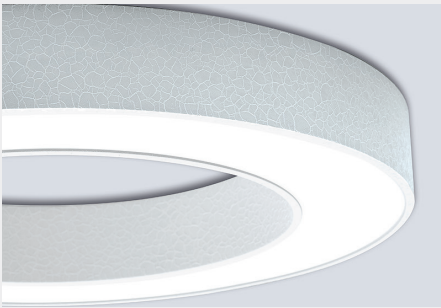
D	H
600	500
900	700
1200	1000
1500	1500
2000	2000

D	H	LUMEN/WATT	RGB	CODE	CODE	KG
LED - MEDIUM POWER						
				SILVER		
				WHITE		
600	75	3224lm/47W*	55W	RP1OSL-RGBW-D600-*S	RP1OWL-RGBW-D600-*W	11,7
900	75	5642lm/79W*	91W	RP1OSL-RGBW-D900-*S	RP1OWL-RGBW-D900-*W	14,7
1200	75	7254lm/100W*	116W	RP1OSL-RGBW-D1200-*S	RP1OWL-RGBW-D1200-*W	18,1
1500	75	9672lm/131W*	152W	RP1OSL-RGBW-D1500-*S	RP1OWL-RGBW-D1500-*W	22,6
2000	75	12896lm/173W*	201W	RP1OSL-RGBW-D2000-*S	RP1OWL-RGBW-D2000-*W	24,0
2500	100	16120lm/215W*	250W	RP1OSL-RGBW-D2500-KS	RP1OWL-RGBW-D2500-KW	30,0
3000	100	19344lm/256W*	299W	RP1OSL-RGBW-D3000-KS	RP1OWL-RGBW-D3000-KW	36,0
3500	100	22568lm/298W*	348W	RP1OSL-RGBW-D3500-KS	RP1OWL-RGBW-D3500-KW	41,0
4000	100	25792lm/340W*	396W	RP1OSL-RGBW-D4000-KS	RP1OWL-RGBW-D4000-KW	47,0
5000	100	32240lm/423W*	494W	RP1OSL-RGBW-D5000-KS	RP1OWL-RGBW-D5000-KW	59,0
6000	100	41912lm/549W*	640W	RP1OSL-RGBW-D6000-KS	RP1OWL-RGBW-D6000-KW	70,0
7000	100	48360lm/632W*	738W	RP1OSL-RGBW-D7000-KS	RP1OWL-RGBW-D7000-KW	82,0
8000	100	54808/716W*	835W	RP1OSL-RGBW-D8000-KS	RP1OWL-RGBW-D8000-KW	97,0

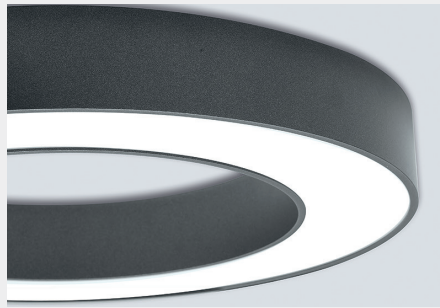
CONTROL	L: DALI, X: DMX
SUSPENSION TYPE *	U: CENTRAL SUSPENSION, K: PARALLEL SUSPENSION

\*Leuchtenlichtstrom/Leistungsaufnahme bei 3000K ohne RGB | Luminaire luminous flux/consumption power at 3000K without RGB | Flux de luminaire à 3000K sans RGB

OPTIONAL



WHITE KROKO



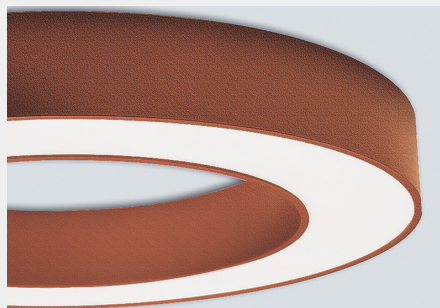
SPARKLING ANTHRACITE



BLACK RAVEN



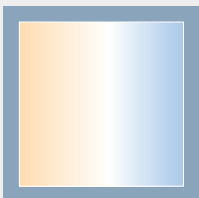
MAJESTIC GOLD



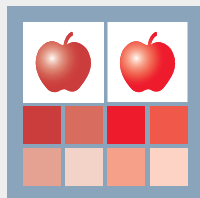
COZY COPPER



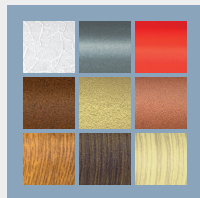
STALWART RUST



ALTERNATIVE COLOUR TEMPERATURES: 2200K/ 3500K/ 6500K



LEDS WITH HIGHER CRI Ra>90



FURTHER SELECTED SURFACE DESIGNS: SEE PAGE 15



BLUETOOTH MODULE FOR WIRELESS CONTROL



EMERGENCY MODULE WITH 3 HOUR BATTERY



RADAR SENSOR FOR HIGH FREQUENCY MOTION CONTROL