

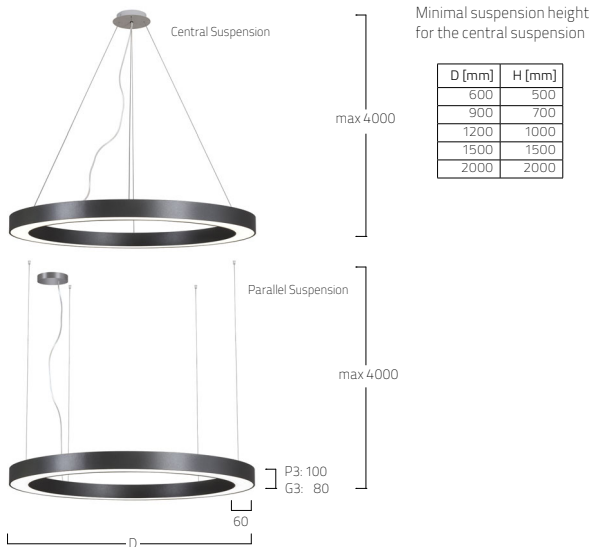
RINGO STAR 60MM
SUSPENDED | G3/P3



DE LED-Pendelleuchte. Direkt-indirekt oder rein direktstrahlend. Leuchtenkörper aus Aluminiumprofil mit 60mm Lichtspurbreite. 13 verschiedene Durchmesser von 600mm bis 8000mm. Oberfläche silber, weiß, graphit, schwarz, champagner oder kupferfarben lackiert. Weitere Oberflächenoptionen siehe Lightnet-Surface-Collection oder RAL nach Wahl. Microprismenoptik mit optimierter Blendungsbegrenzung speziell für Office-Anwendungen. Satinierter Opaldiffusor für Allgemeinbeleuchtung mit max. Transmissionsgrad und homogener Lichtpunktauflösung. Konverter in Leuchtgehäuse integriert, wahlweise einfach schaltbar oder stufenlos dimmbar (1-10V, DALI, Touch-Dim, Casambi). Farbtemperaturen 2200K, 2700K, 3000K, 3500K, 4000K oder 6500K. Binning initial \leq MacAdam 3. Farbwiedergabe CRI>80 oder CRI>90. Stufenlos höhenverstellbare Zentral-Seilabhängung oder Parallel-Seilabhängung mit transparent ummantelter Zuleitung.

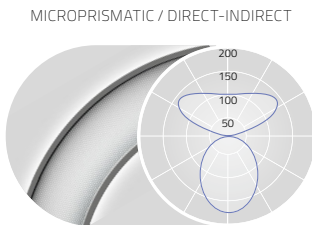
EN LED pendant luminaire. Direct-indirect or direct-only light distribution. Luminaire body made of aluminium profile with 60mm track width. 13 different diameters from 600mm to 8000mm. Surface silver, white, graphite, black, champagne or copper coated. Further surface options see Lightnet-Surface-Collection or RAL of your choice. Microprismatic with optimized glare reduction especially for workplaces. Satin opal diffuser for general lighting with maximum transmittance and homogeneous lighting. Converter integrated into luminaire housing, optionally switchable or dimmable (1-10V, DALI, Touch-Dim, Casambi). Colour temperatures 2200K, 2700K, 3000K, 3500K, 4000K or 6500K. Binning initial \leq MacAdam 3. Colour rendering CRI>80 or CRI>90. Height-adjustable Central Suspension or parallel-cord suspension with transparent power supply cable.

FR Luminaire LED suspendu. Éclairage direct/indirect ou seulement direct. Corps du luminaire en profilé aluminium avec 60mm de largeur du spèctre lumineux. 13 diamètres différents de 600mm à 8000mm. Surface laquée argent, blanc, graphite, noir, champagne ou cuivre. Autres options de finition voir Lightnet-Surface-Collection ou RAL au choix. Diffuseur microprismatique optimisé pour un éblouissement limité et adapté aux bureaux. Diffuseur opale satiné pour un éclairage général et une transmission maximale et homogène. Driver intégré dans le luminaire, au choix ON/OFF ou graduable (1-10V, DALI, Touch-Dim, Casambi). Température de couleur 2200K, 2700K, 3000K, 3500K, 4000K ou 6500K. Binning initial \leq MacAdam 3. Rendu de couleur CRI>80 ou CRI>90. Suspension centrale ou parallèle réglable en hauteur avec câble d'alimentation transparent.

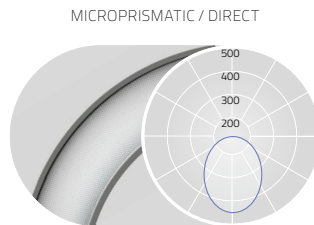


PRODUCT-CODE: R P3 O S D - 8 30 M - D1500 - U

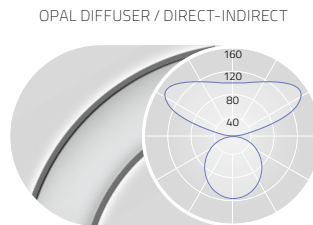
- PRODUCT FAMILY - R: Ringo Star
- TYPE - P3: Direct-Indirect, G3: Direct-Only
- OPTICAL SYSTEM - O: Opal, A: Microprismatic
- SURFACE FINISH - W: Snow White, V: Ivory White, S: Radiant Silver, U: Urban Graphite, B: Jet Black, H: Champagne Silver, K: Satin Copper
- CONTROL GEAR - E: On/Off, L: DALI, D: 1-10V, H: Touch-Dim, C: Casambi, U: Separately Dimmable DALI
- COLOUR REND. - 8: CRI>80, 9: CRI>90, F: Full Spectrum
- COLOUR TEMP. - 22: 2200K, 27: 2700K, 30: 3000K, 35: 3500K, 40: 4000K, 65: 6500K
- POWER - M: Medium Power, H: High Power
- SIZE - Luminaire Diameter in mm: D600, D900, D1200, D1500, D2000, D2500, D3000, D3500, D4000, D5000, D6000, D7000, D8000
- SUSPENSION - U: Central Suspension [max D2000], K: Parallel Suspension
- ON REQUEST - Emergency Module, Cable Colour: Black, Red



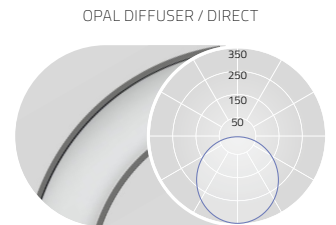
UGR \leq 19 for Medium Power (X=4H, Y=BH, S=0.25H)
DIRECT: ca.40% INDIRECT ca.60%



DIRECT: 100%



DIRECT: ca.35% INDIRECT ca.65%



DIRECT: 100%

D mm	Lumen/Watt Medium Power
600	5790lm/63W
900	10250lm/103W
1200	14630lm/145W
1500	21060lm/207W
2000	23430lm/193W
2500	29710lm/245W
3000	35980lm/296W
3500	46030lm/372W
4000	46860lm/381W
5000	59410lm/483W
6000	71960lm/585W
7000	82850lm/670W
8000	102940lm/824W

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
600	2480lm/25W	3750lm/38W
900	4100lm/39W	5620lm/55W
1200	5320lm/50W	7210lm/70W
1500	7090lm/66W	9620lm/92W
2000	8340lm/87W	12200lm/132W
2500	10840lm/112W	15860lm/172W
3000	13340lm/137W	19520lm/207W
3500	15850lm/162W	23180lm/248W
4000	16680lm/171W	24400lm/259W
5000	21680lm/221W	31720lm/340W
6000	26690lm/272W	39040lm/414W
7000	30020lm/305W	43920lm/466W
8000	35030lm/355W	51240lm/547W

D mm	Lumen/Watt Medium Power
600	5370lm/63W
900	9560lm/103W
1200	13730lm/145W
1500	19860lm/207W
2000	22060lm/193W
2500	27930lm/245W
3000	33790lm/296W
3500	43430lm/372W
4000	44130lm/381W
5000	55860lm/483W
6000	67590lm/585W
7000	77920lm/670W
8000	97200lm/824W

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
600	2060lm/25W	3110lm/38W
900	3410lm/39W	4670lm/55W
1200	4420lm/50W	5990lm/70W
1500	5890lm/66W	7990lm/92W
2000	6970lm/87W	10200lm/132W
2500	9060lm/112W	13260lm/172W
3000	11160lm/137W	16320lm/207W
3500	13250lm/162W	19380lm/248W
4000	13950lm/171W	20400lm/259W
5000	18130lm/221W	26520lm/340W
6000	22310lm/272W	32640lm/414W
7000	25100lm/305W	36720lm/466W
8000	29290lm/355W	42840lm/547W

Lumen Values: Luminaire luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.

