

SPHERO PRO ALU

inea
RASVJETA

Krypton
SMARTLIGHT



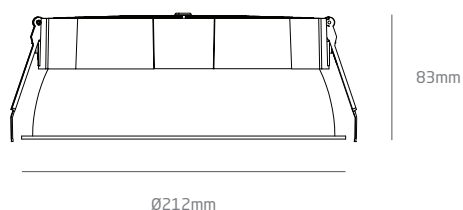
PRODUCT

Name	SPHERO PRO ALU
Barcode	152K169.10 / 152K170.10
Color	Black
Category	Ceiling Recessed

LIGHT SOURCE

Type	LED
Colour temperature	3000K / 4000K
Chromatic stability	Mac Adam Step 3
Colour Rendering Index	CRI90
Power	6,3W - 40W
Efficacy	103 lm/W
LED lifespan	60 000h (L80B20)
Light beam angle	95°
Unified Glare Rating	UGR<19

DIMENSION



LIGHTING FIXTURE / ELECTRICAL DATA

Driver	Not Included
Voltage	36Vdc
Current	180mA - 1050mA
Frequency	50/60 Hz
Dimming	ON-OFF / Phase cut Dimmable / DALI
Electrical insulation class	II

OTHER DATA

Sealing	IP44
Weight	705g
Recess dimension	Ø200mm
Units per package	1pcs
Body Material	Aluminium
Diffuser Material	Polycarbonate
Diffuser Type	Prismatic

ACCESSORIES



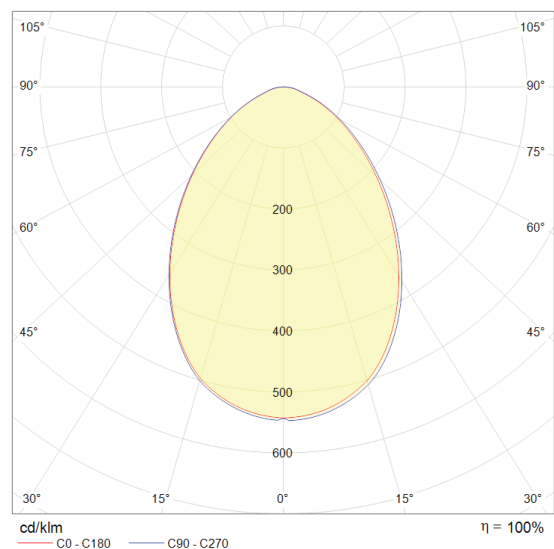
Matt white reflector 403K113.11



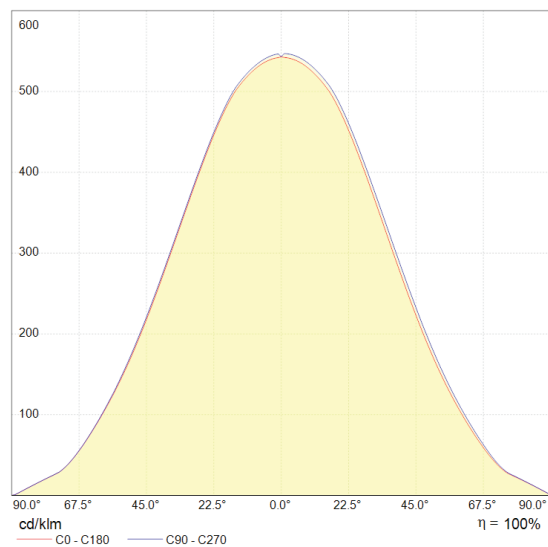
Chrome reflector 403K113.20



POLAR DIAGRAM



CONICAL DIAGRAM



UNIFIED GLARE RATING - UGR

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3		
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3		
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
Room dimensions	Viewed crosswise					Viewed endwise						
x = 2H y = 2H	2H	19.3	20.6	19.6	20.8	21.0	19.3	20.7	19.6	20.9	21.1	
	3H	19.9	21.2	20.2	21.4	21.6	20.0	21.3	20.3	21.5	21.7	
	4H	20.1	21.3	20.4	21.5	21.8	20.3	21.4	20.6	21.7	21.9	
	6H	20.3	21.4	20.6	21.6	21.9	20.4	21.5	20.8	21.8	22.1	
	8H	20.3	21.4	20.7	21.7	22.0	20.5	21.6	20.9	21.8	22.1	
	12H	20.4	21.4	20.7	21.7	22.0	20.6	21.6	20.9	21.9	22.2	
	4H	2H	19.6	20.8	19.9	21.0	21.2	19.6	20.8	19.9	21.0	21.3
		3H	20.4	21.4	20.7	21.7	22.0	20.5	21.5	20.8	21.8	22.1
		4H	20.6	21.6	21.0	21.9	22.2	20.8	21.7	21.1	22.0	22.3
		6H	20.9	21.7	21.3	22.1	22.4	21.1	21.9	21.5	22.2	22.6
		8H	21.0	21.8	21.4	22.2	22.5	21.2	22.0	21.6	22.3	22.7
		12H	21.1	21.8	21.5	22.2	22.6	21.3	22.0	21.7	22.4	22.8
8H	4H	20.7	21.5	21.1	21.8	22.2	20.8	21.6	21.2	22.0	22.3	
	6H	21.1	21.8	21.6	22.2	22.6	21.3	21.9	21.7	22.3	22.7	
	8H	21.3	21.9	21.8	22.3	22.7	21.5	22.0	21.9	22.5	22.9	
	12H	21.5	21.9	22.0	22.4	22.9	21.7	22.2	22.2	22.6	23.1	
12H	4H	20.7	21.4	21.1	21.8	22.2	20.8	21.5	21.3	21.9	22.3	
	6H	21.2	21.7	21.6	22.1	22.6	21.3	21.8	21.7	22.3	22.7	
	8H	21.4	21.9	21.9	22.3	22.8	21.5	22.0	22.0	22.5	22.9	
Variations with the observer position at spacings:												
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5						
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3						
2.0H	+ 0.8 / - 0.7					+ 0.7 / - 0.7						