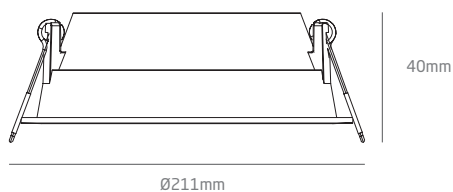




## DIMENSION



## PRODUCT

Name	SPHERO
Barcode	152K109.11 / 152K144.11
Color	White
Category	Ceiling - Recessed

## LIGHT SOURCE

Type	LED
Luminous flux	2280lm
Colour temperature	3000K / 4000K
Chromatic stability	Mac Adam Step 3
Colour Rendering Index	CRI>80
Power	23.6 W
Efficacy	98 lm/W
LED lifespan	50 000h
Light beam angle	100°

## LIGHTING FIXTURE / ELECTRICAL DATA

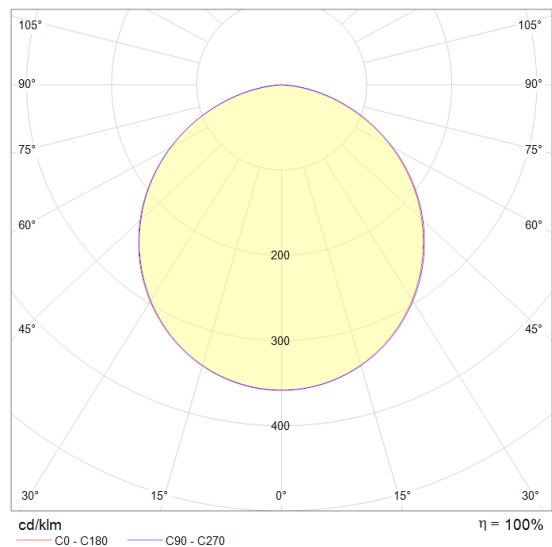
Driver	Included / External
Voltage	230V
Constant Current	300 mA
Frequency	50/60 Hz
Dimming	Phase cut Dimmable / DALI on request
Electrical insulation class	II

## OTHER DATA

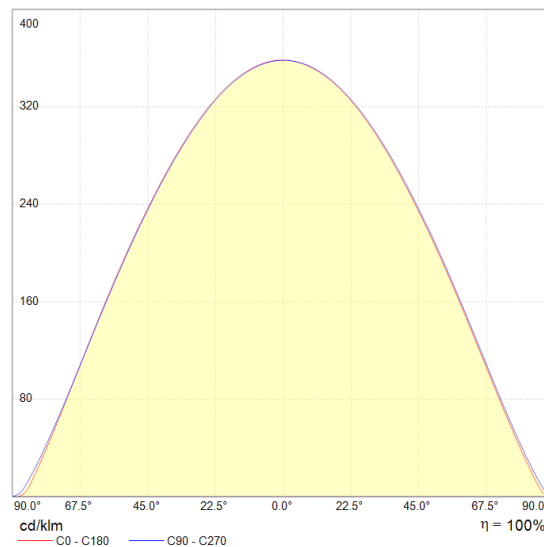
Sealing	IP44
Weight	408g
Cut out dimension	Ø206mm
Units per package	1
Material	Aluminium
Diffuser Material	Polycarbonate
Diffuser Type	Opal



## POLAR DIAGRAM



## CONICAL DIAGRAM



## UNIFIED GLARE RATING - UGR

RHOCC	70	70	50	50	30	70	70	50	50	30
RHOW	70	70	50	50	30	70	70	50	50	30
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size	Viewed Endwise					Viewed Crosswise				
2H 2H	26.41	26.49	26.61	26.68	26.92	26.45	26.52	26.65	26.71	26.96
3H	26.53	26.61	26.74	26.80	27.05	26.56	26.64	26.77	26.83	27.08
4H	26.54	26.62	26.75	26.81	27.06	26.57	26.64	26.78	26.84	27.09
6H	26.52	26.59	26.74	26.80	27.05	26.55	26.62	26.77	26.82	27.07
8H	26.51	26.58	26.73	26.78	27.04	26.54	26.60	26.75	26.81	27.06
12H	26.49	26.56	26.72	26.77	27.02	26.52	26.59	26.74	26.79	27.05
4H 2H	28.78	28.85	28.99	29.05	29.30	28.87	28.94	29.08	29.14	29.39
3H	29.03	29.10	29.25	29.30	29.56	29.11	29.18	29.34	29.39	29.64
4H	29.08	29.14	29.31	29.36	29.62	29.16	29.22	29.39	29.44	29.70
6H	29.08	29.14	29.32	29.36	29.63	29.16	29.22	29.40	29.44	29.70
8H	29.07	29.12	29.31	29.35	29.62	29.14	29.20	29.39	29.43	29.69
12H	29.05	29.10	29.30	29.33	29.60	29.12	29.18	29.37	29.41	29.68
8H 4H	29.26	29.33	29.48	29.54	29.79	29.42	29.49	29.64	29.69	29.95
6H	29.73	29.78	29.98	30.01	30.29	29.88	29.93	30.14	30.17	30.44
8H	29.72	29.77	29.98	30.01	30.29	29.87	29.92	30.13	30.16	30.44
12H	29.70	29.74	29.97	30.00	30.28	29.85	29.89	30.12	30.15	30.43
12H 4H	29.74	29.79	29.99	30.02	30.29	29.93	29.99	30.18	30.22	30.49
6H	29.78	29.83	30.04	30.07	30.35	29.98	30.02	30.24	30.27	30.55

