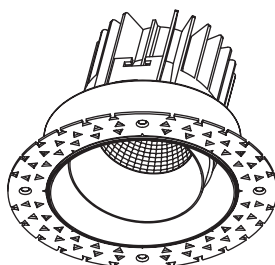


DIMENSION



116mm

Ø170mm

PRODUCT

Name	PERFECT 135R
Barcode	152K577.10
Color	Black
Category	Ceiling Recessed

LIGHT SOURCE

Type	LED
Luminous flux	1580 lm
Colour temperature	3000 K
Chromatic stability	Mac Adam Step 3
Colour Rendering Index	CRI90
Power	20 W
Efficacy	80 lm/W
LED lifespan	50 000h
Light beam angle	38°

LIGHTING FIXTURE / ELECTRICAL DATA

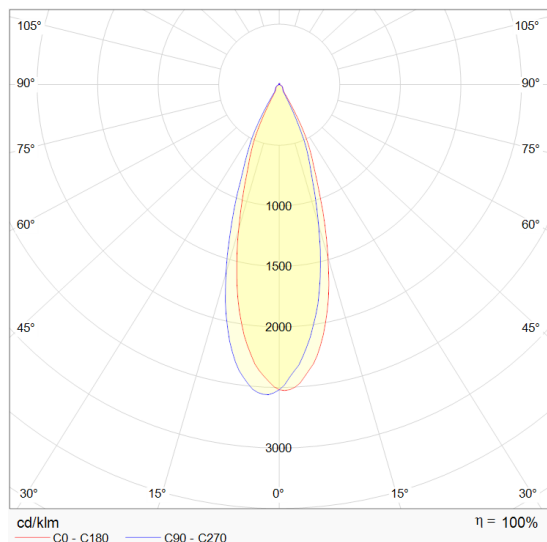
Driver	Not Included - External
Voltage	37V
Constant Current	500mA
Frequency	50/60 Hz
Dimming	ON-OFF, Phase cut Dimmable, DALI
Electrical insulation class	II

OTHER DATA

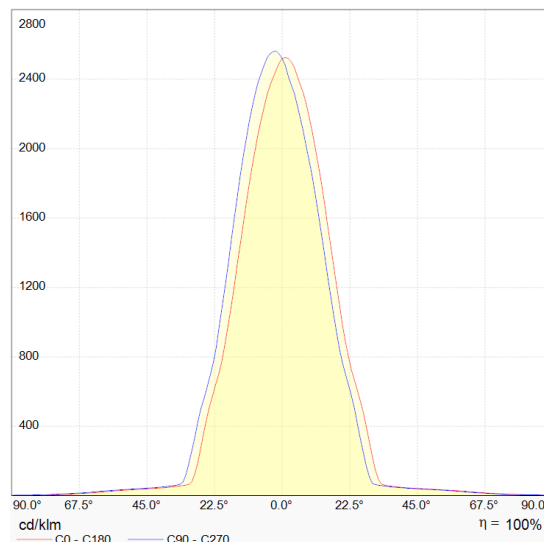
Sealing	IP20
Cut out dimension	Ø125mm
Units per package	1
Material	Aluminium
Montage type	Trimless



POLAR DIAGRAM



CONICAL DIAGRAM



UNIFIED GLARE RATING - UGR

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference 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	13.9	14.6	14.1	14.8	15.1	13.7	14.4	14.0	14.7	14.9
3H	14.9	15.6	15.3	15.9	16.2	14.7	15.4	15.0	15.6	15.9
4H	15.3	16.0	15.7	16.3	16.6	15.1	15.7	15.4	16.0	16.3
6H	15.7	16.3	16.0	16.6	16.9	15.4	16.0	15.7	16.3	16.6
8H	15.8	16.4	16.2	16.7	17.0	15.5	16.1	15.9	16.4	16.8
12H	15.9	16.5	16.3	16.8	17.2	15.7	16.3	16.1	16.6	17.0
X=4H Y=2H	14.4	15.0	14.7	15.3	15.6	14.2	14.9	14.6	15.2	15.5
3H	15.6	16.2	16.0	16.5	16.9	15.4	15.9	15.8	16.3	16.7
4H	16.1	16.6	16.5	17.0	17.4	15.9	16.4	16.3	16.8	17.2
6H	16.5	17.0	17.0	17.4	17.8	16.3	16.7	16.7	17.1	17.6
8H	16.7	17.1	17.2	17.5	18.0	16.5	16.9	16.9	17.3	17.8
12H	16.9	17.3	17.4	17.7	18.2	16.7	17.1	17.2	17.6	18.0
X=8H Y=4H	16.3	16.7	16.7	17.1	17.6	16.1	16.5	16.5	16.9	17.4
6H	16.8	17.1	17.3	17.6	18.1	16.6	16.9	17.1	17.4	17.9
8H	17.1	17.3	17.6	17.8	18.4	16.9	17.2	17.4	17.6	18.2
12H	17.4	17.7	17.9	18.2	18.7	17.3	17.5	17.8	18.1	18.6
X=12H Y=4H	16.3	16.6	16.7	17.1	17.6	16.1	16.4	16.5	16.9	17.4
6H	16.8	17.1	17.4	17.6	18.1	16.6	16.9	17.1	17.4	17.9
8H	17.2	17.4	17.7	17.9	18.5	17.0	17.2	17.5	17.7	18.3
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.4/-0.2				
S=1.5H	+0.4/-0.6					+0.6/-0.7				
S=2.0H	+0.7/-1.2					+1.1/-1.4				