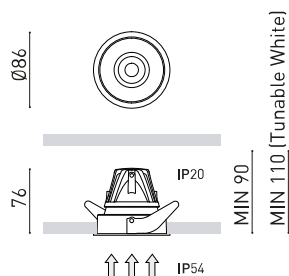




Dimensions



Accessories



DRIVER OPTIONS



HIGH CHROMATIC LED

PRODUCT

Name	BUDDY SUPER SPOT 3500K N
Reference	A5070003N
Colour	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	825 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	6 W
Current	500 mA
Efficacy	138 lm/W
LED lifespan	L80B10 >55.000h
Energy efficiency class	E

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	58%
Light beam angle	12°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Excluded
Dimming	No Dim / DALI
Electrical insulation class	II

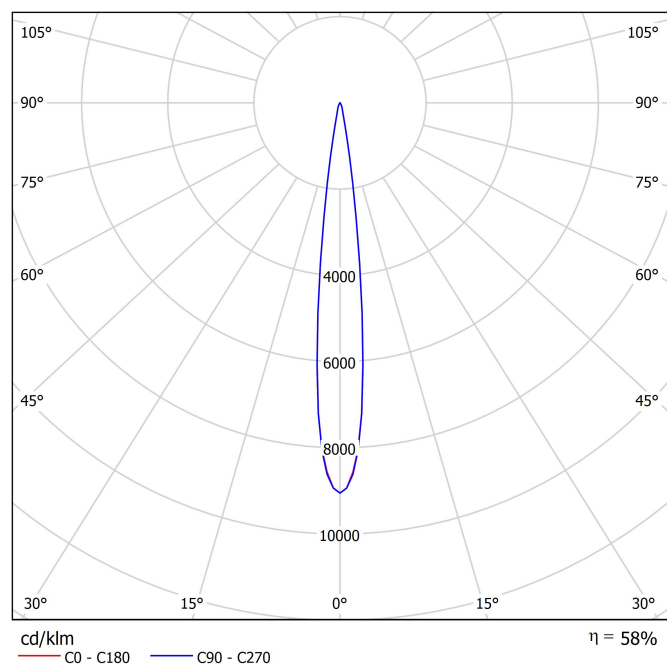
OTHER DATA

Sealing	IP54
Wireless control	Please Consult
Recess measurements	Ø79 mm
Weight	175 g
Packaged weight	246 g
Packaging dimensions	139 x 105 x 90 mm
Units per package	1
Materials	Aluminium / Polycarbonate / Polymethyl Methacrylate

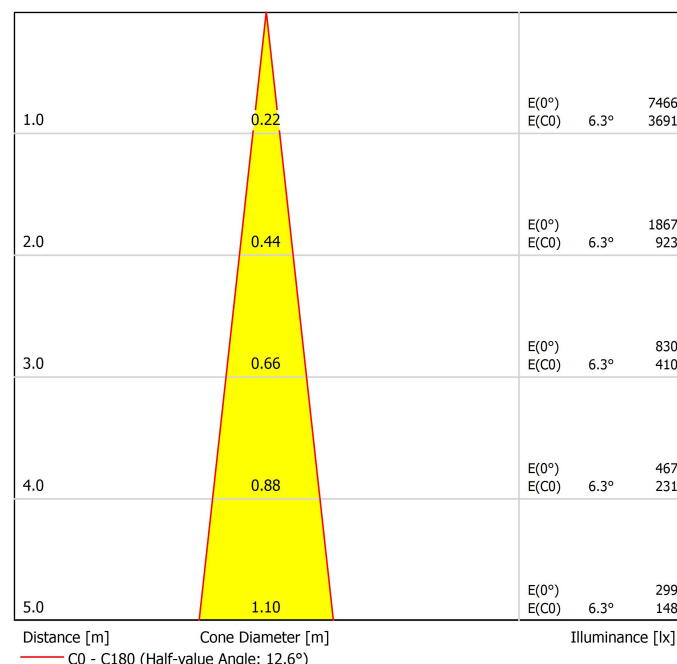


The sophistication of recessed lighting. Buddy is here to maximise the luminous performance of the classic recessed luminaire. It emerges with a solid and purposeful design, greater energy savings and excellent visual comfort. The product family comes in several versions with four opening angles -flood, medium, spot and super spot-. The dim to warm technology enables Buddy to facilitate comfort to the space by dimming the intensity and colour temperature. Furthermore, with the tunable White feature it can be controlled independently. Its four versions per position demonstrate its versatility: recessed, trimless, tilt and the tilt trimless version, which maintains its light output at all opening angles.

Polar diagram

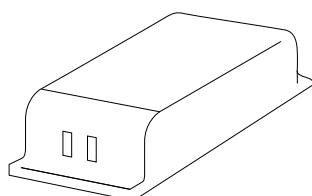












Conical diagram



UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
ρ Walls		50	30	50	30	30	50	30	50	30	30	
ρ Floor		20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	-29.3	-28.7	-29.1	-28.5	-28.3	-31.3	-30.6	-31.0	-30.4	-30.2	
	3H	-29.4	-28.8	-29.2	-28.6	-28.4	-31.4	-30.8	-31.1	-30.6	-30.4	
	4H	-29.5	-29.0	-29.2	-28.7	-28.4	-31.5	-30.9	-31.2	-30.7	-30.4	
	6H	-29.6	-29.1	-29.3	-28.8	-28.5	-31.5	-31.0	-31.2	-30.8	-30.5	
	8H	-29.6	-29.1	-29.3	-28.8	-28.5	-31.6	-31.1	-31.2	-30.8	-30.5	
	12H	-29.6	-29.2	-29.3	-28.9	-28.6	-31.6	-31.2	-31.3	-30.9	-30.5	
4H	2H	-29.5	-29.0	-29.2	-28.7	-28.4	-31.5	-30.9	-31.2	-30.7	-30.4	
	3H	-29.6	-29.2	-29.3	-28.9	-28.6	-31.6	-31.2	-31.3	-30.9	-30.5	
	4H	-29.7	-29.3	-29.4	-29.0	-28.7	-31.7	-31.3	-31.3	-31.0	-30.6	
	6H	-29.8	-29.5	-29.4	-29.1	-28.7	-31.8	-31.4	-31.4	-31.1	-30.7	
	8H	-29.8	-29.6	-29.4	-29.2	-28.8	-31.8	-31.5	-31.4	-31.1	-30.7	
	12H	-29.9	-29.6	-29.4	-29.2	-28.8	-31.8	-31.6	-31.4	-31.2	-30.8	
8H	4H	-29.8	-29.6	-29.4	-29.2	-28.8	-31.8	-31.5	-31.4	-31.1	-30.7	
	6H	-29.9	-29.7	-29.5	-29.3	-28.9	-31.9	-31.7	-31.4	-31.3	-30.8	
	8H	-30.0	-29.8	-29.5	-29.4	-28.9	-31.9	-31.8	-31.5	-31.3	-30.9	
	12H	-30.0	-29.9	-29.5	-29.4	-28.9	-32.0	-31.8	-31.5	-31.4	-30.9	
12H	4H	-29.9	-29.6	-29.4	-29.2	-28.8	-31.8	-31.6	-31.4	-31.2	-30.8	
	6H	-30.0	-29.8	-29.5	-29.4	-28.9	-31.9	-31.8	-31.5	-31.3	-30.9	
	8H	-30.0	-29.9	-29.5	-29.4	-28.9	-32.0	-31.8	-31.5	-31.4	-30.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+4.6 / -17.5					+4.5 / -16.9					
S = 1.5H		+7.3 / -86.2					+7.3 / -86.1					
S = 2.0H		+9.3 / -84.2					+9.3 / -84.1					
Standard table		BK00					BK00					
Correction Summand		-15.0					-15.1					
Corrected Glare Indices referring to 825lm Total Luminous Flux												



DRIVER OPTIONS			P	I	CCT	Flux
BUDDY 1	 NO DIM	0434-01-85	4W	125mA	2700K	760lm
					3000K	790lm
					3500K	795lm
					4000K	800lm
BUDDY 2	 NO DIM	0434-01-86	6,6W	200mA	2700K	1150 lm
	 DALI	0434-01-89			3000K	1200 lm
	 CASAMBI	0434-01-91			3500K	1210 lm
	 PHASE CUT	0434-01-92			4000K	1220 lm
BUDDY Super Spot	 NO DIM	0434-01-87	6W	500mA	2700K	750 lm
	 DALI	0434-01-88			3000K	790 lm
					3500K	825 lm
					4000K	845 lm
BUDDY Tunable White	 DALI	0434-01-90	6,7W	400mA	1800-4000K	690 lm
					2700-5000K	815 lm
BUDDY Dim to Warm	 DALI	0434-01-94	6W	350mA	1800-3000K	650 lm
	 PHASE CUT	0434-01-95				
220 240 V~			48V Please Consult			

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
 Reading			●	●	
 Fruits & Vegetables		●	●		
 Bakery	●				
 Retail		●	●		
 Cosmetics			●	●	
 Meat					●
 Fish				●	
 Seafood				●	●

High Chromatic LED

For commercial product showcasing.

Arkoslight offers, in some of its products, the possibility to incorporate a special LED designed to enhance the visual presentation of goods and products for commercial purposes.

This high-chromaticity LED is selected to highlight tones that encourage a positive psychological perception of the illuminated object.

The light source provides a more attractive and intense colour palette than a conventional LED. This is achieved through a specific LED configuration under a "special saturation parameter," allowing colours and textures to appear more vivid within the visible spectrum.

The diode and its phosphor coating are carefully selected for each application.



Fuente de luz (LED) reemplazable por un profesional autorizado
 Replaceable (LED only) light source by an authorized professional.
 Source lumineuse (LED) remplaçable par un professionnel agréé
 Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato
 Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado
 Replaceable control gear by an authorized professional
 Dispositif de commande remplaçable par un professionnel agréé
 Alimentatore sostituibile da parte di un professionista autorizzato
 Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de los componentes:

Instructions on end-of-life and component disposal:

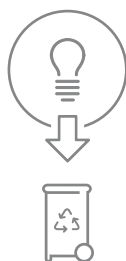
Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

Istruzioni per il fine vita e lo smaltimento dei componenti:

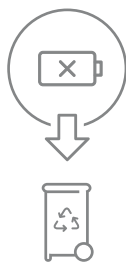
Anweisungen zur entsorgung der Leuchtenkomponenten:



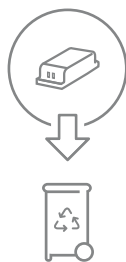
Interrumpir la alimentación del aparato
 Cut the power supply to the luminaire
 Couper l'alimentation du luminaire
 Interrompere l'alimentazione dell'apparecchio
 Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
 Remove light source(s) for disposal
 Retirer la (les) source(s) lumineuse(s) pour l'élimination
 Rimuovere la/le sorgente/e di luce per lo smaltimento
 Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho
 Remove the battery for decommissioning
 Retirer la batterie pour sa mise au rebut
 Rimuovere la batteria per la dismissione
 Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
 Remove control gear for disposal
 Retirer le dispositif de commande pour l'élimination
 Rimuovere l'alimentatore per lo smaltimento
 Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
 Send the materials to a WEEE collection centre
 Envoyer les matériaux dans une déchetterie DEEE
 Inviare i materiali ad un centro di raccolta RAEE
 Die Materialien in einem WEEE-Zentrum entsorgen

