



DIMENSIONS



ACCESSORIES



DRIVER OPTIONS



HIGH CHROMATIC LED

Name	BUDDY SUPER SPOT 4000K N
Reference	A5070002N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	845 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	6 W
Current	500 mA
Efficacy	141 lm/W
LED lifespan	L80B10 > 55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	58%
Light beam angle	12°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Excluded
Dimming	No Dim / DALI
Electrical insulation class	III

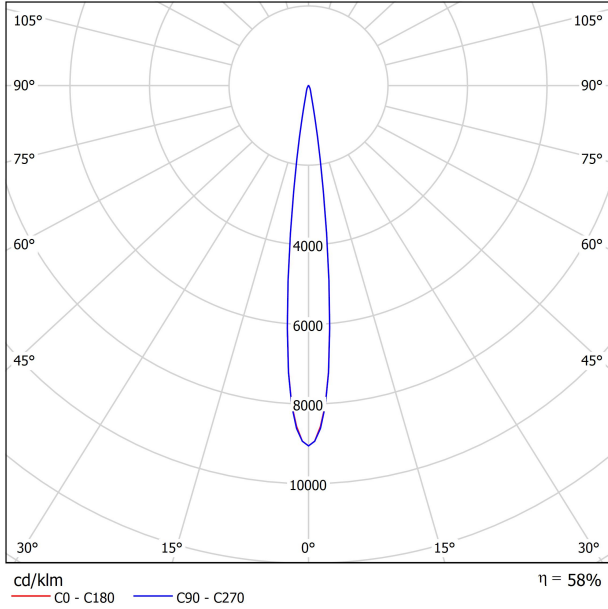
OTHER DATA

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

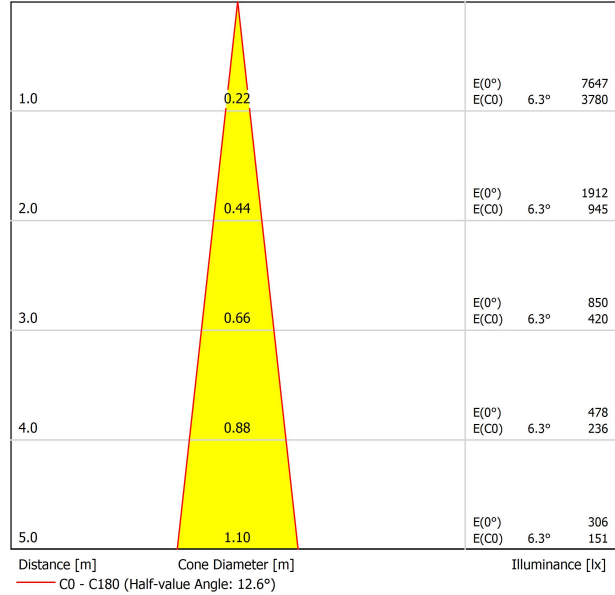


The sophistication of recessed lighting. Buddy is here to maximise the luminous performance of the classic recessed luminaire. It emerges with a solid and purposeful design, greater energy savings and excellent visual comfort. The product family comes in several versions with four opening angles -flood, 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	30	70	70	50	50	30	30
ρ Walls		50	30	50	30	30	30	50	30	50	30	30	30
ρ Floor		20	20	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	5.0	5.7	5.3	5.9	6.1	4.9	5.6	5.2	5.7	5.9		
	3H	4.9	5.5	5.2	5.7	5.9	4.8	5.4	5.1	5.6	5.8		
	4H	4.8	5.4	5.1	5.6	5.9	4.7	5.3	5.0	5.5	5.8		
	6H	4.8	5.3	5.1	5.5	5.8	4.6	5.1	5.0	5.4	5.7		
	8H	4.7	5.2	5.0	5.5	5.8	4.6	5.1	4.9	5.4	5.7		
4H	12H	4.7	5.1	5.0	5.4	5.7	4.6	5.0	4.9	5.3	5.6		
	2H	4.8	5.4	5.1	5.6	5.9	4.7	5.3	5.0	5.5	5.8		
	3H	4.7	5.1	5.0	5.4	5.7	4.6	5.0	4.9	5.3	5.6		
	4H	4.6	5.0	5.0	5.3	5.7	4.5	4.9	4.9	5.2	5.6		
	6H	4.5	4.9	4.9	5.2	5.6	4.4	4.7	4.8	5.1	5.5		
8H	8H	4.5	4.8	4.9	5.2	5.6	4.4	4.7	4.8	5.0	5.4		
	12H	4.5	4.7	4.9	5.1	5.5	4.3	4.6	4.8	5.0	5.4		
	4H	4.5	4.8	4.9	5.2	5.6	4.4	4.7	4.8	5.0	5.4		
	6H	4.4	4.6	4.9	5.0	5.5	4.3	4.5	4.7	4.9	5.4		
	8H	4.4	4.5	4.8	5.0	5.4	4.2	4.4	4.7	4.9	5.3		
12H	12H	4.3	4.4	4.8	4.9	5.4	4.2	4.3	4.7	4.8	5.3		
	4H	4.5	4.7	4.9	5.1	5.5	4.3	4.6	4.8	5.0	5.4		
	6H	4.4	4.5	4.8	5.0	5.4	4.2	4.4	4.7	4.9	5.3		
	8H	4.3	4.4	4.8	4.9	5.4	4.2	4.3	4.7	4.8	5.3		
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		-15.6					-15.7						
Corrected Glare Indices referring to 845lm Total Luminous Flux													



DRIVER OPTIONS			P	I	K	Lm	
BUDDY 1	 NO DIM	0434-01-85	4W	125mA	2700K	760	
					3000K	790	
					4000K	800	
BUDDY 2	 NO DIM	0434-01-86	6,6W	200mA	2700K	1150	
					3000K	1200	
	 DALI	0434-01-89				4000K	1220
						 CASAMBI	0434-01-91
 PHASE CUT	0434-01-92						
BUDDY Super Spot	 NO DIM	0434-01-87	6W	500mA	2700K	750	
					3000K	790	
					 DALI	0434-01-88	
BUDDY Tuneable White	 DALI	0434-01-90	6,7W	400mA	2700-5000K	815	
BUDDY Dim to Warm	 DALI	0434-01-94	6W	350mA	1800-3000K	650	
							 PHASE CUT

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				•	•



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



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 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

