



Dimensions



Accessories



DRIVER OPTIONS



HIGH CHROMATIC LED

PRODUCT

Name	BUDDY SURFACE SUPER SPOT 3500K NT
Reference	A5940003NT
Colour	Textured black
RAL	9005
Category	SURFACE

LIGHT SOURCE

Type	LED
Gross luminous flux	1060 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	8,8 W
Current	700 mA
Efficacy	120 lm/W
LED lifespan	L80B10 > 55.000h
Energy efficiency class	E

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	58%
Light beam angle	12°
UGR	< 19

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Excluded
Dimming	No Dim / DALI
Electrical insulation class	II

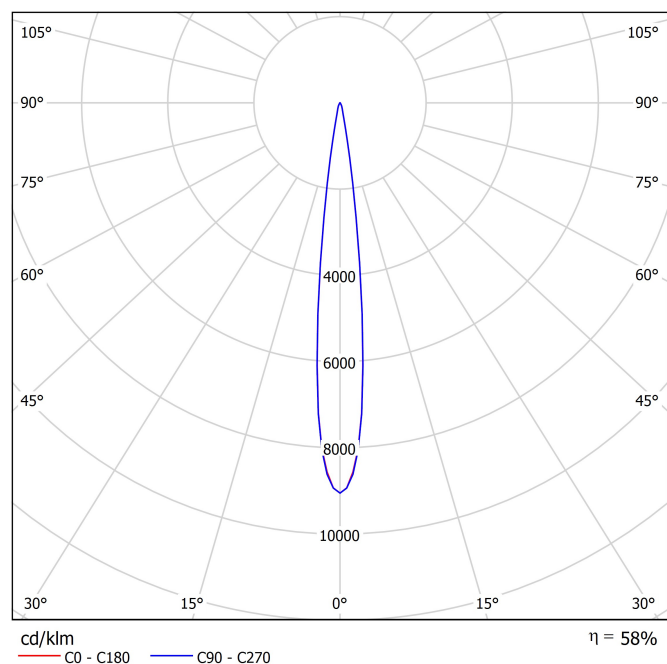
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Weight	285 g
Packaged weight	350 g
Packaging dimensions	111 x 104 x 95 mm
Units per package	1
Materials	Aluminium / Polycarbonate / Polymethyl Methacrylate

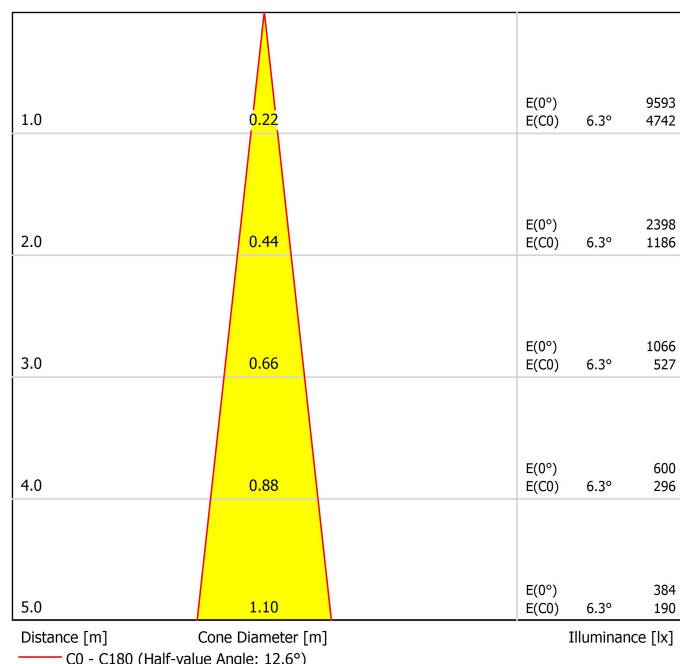


Buddy is available as a surface-mounted downlight, distinguished by its compact size and suitable for installation on any material. All the performance features of this compact yet powerful spotlight are available across its recessed, trimless, and surface versions: High energy-efficiency LED, Tunable White options: 1800K-4000K or 2700K-5000K, Dim to Warm option: 1800K-3000K, beam angles: Flood, Medium, Spot, and Superspot, low glare: UGR < 19. One single family with everything you could ever need, designed by Rubén Saldaña.

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	-28.4	-27.8	-28.2	-27.6	-27.4	-30.4	-29.7	-30.1	-29.6	-29.4	
	3H	-28.6	-28.0	-28.3	-27.7	-27.5	-30.5	-29.9	-30.2	-29.7	-29.5	
	4H	-28.6	-28.1	-28.3	-27.8	-27.6	-30.6	-30.0	-30.3	-29.8	-29.5	
	6H	-28.7	-28.2	-28.4	-27.9	-27.6	-30.7	-30.2	-30.3	-29.9	-29.6	
	8H	-28.7	-28.3	-28.4	-28.0	-27.7	-30.7	-30.2	-30.4	-29.9	-29.6	
	12H	-28.8	-28.3	-28.4	-28.0	-27.7	-30.7	-30.3	-30.4	-30.0	-29.7	
4H	2H	-28.6	-28.1	-28.3	-27.8	-27.6	-30.6	-30.0	-30.3	-29.8	-29.5	
	3H	-28.8	-28.3	-28.4	-28.0	-27.7	-30.7	-30.3	-30.4	-30.0	-29.7	
	4H	-28.8	-28.5	-28.5	-28.1	-27.8	-30.8	-30.4	-30.4	-30.1	-29.8	
	6H	-28.9	-28.6	-28.5	-28.2	-27.9	-30.9	-30.6	-30.5	-30.2	-29.8	
	8H	-29.0	-28.7	-28.6	-28.3	-27.9	-30.9	-30.6	-30.5	-30.3	-29.9	
	12H	-29.0	-28.8	-28.6	-28.4	-27.9	-31.0	-30.7	-30.5	-30.3	-29.9	
8H	4H	-29.0	-28.7	-28.6	-28.3	-27.9	-30.9	-30.6	-30.5	-30.3	-29.9	
	6H	-29.1	-28.8	-28.6	-28.4	-28.0	-31.0	-30.8	-30.6	-30.4	-29.9	
	8H	-29.1	-28.9	-28.6	-28.5	-28.0	-31.1	-30.9	-30.6	-30.4	-30.0	
	12H	-29.2	-29.0	-28.7	-28.6	-28.1	-31.1	-31.0	-30.6	-30.5	-30.0	
12H	4H	-29.0	-28.8	-28.6	-28.4	-27.9	-31.0	-30.7	-30.5	-30.3	-29.9	
	6H	-29.1	-28.9	-28.6	-28.5	-28.0	-31.1	-30.9	-30.6	-30.4	-30.0	
	8H	-29.2	-29.0	-28.7	-28.6	-28.1	-31.1	-31.0	-30.6	-30.5	-30.0	
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 1060lm Total Luminous Flux												



DRIVER OPTIONS		P	I	CCT	Flux
 NO DIM	0433-00-27	8,8W	700mA	2700K	970 lm
				3000K	1020 lm
				3500K	1060 lm
 DALI	0434-03-01			4000K	1090 lm

220
240 V~

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

