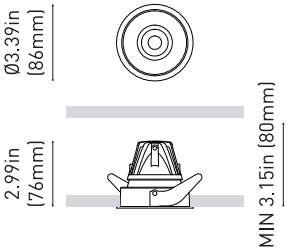
Buddy

ARKOSLIGHT



Dimensions



PRODUCT	
Name	BUDDY UL SPOT 3000K NG
Reference	U5070011NG
Color	Black-Gold
RAL	9005 & 1036
Category	CEILING RECESSED
LIGHT SOURCE	
Type	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	Depending on Mounting Accessories W
Current	Depending on Mounting Accessories mA
LED lifespan	L80B10>66.000h
LIGHTING FIXTURE | PHOTOMETRIC DATA	
Lighting efficiency	78%
Light beam angle	29°
LIGHTING FIXTURE | ELECTRICAL DATA	
Driver	Requires remote driver
Power values of the system	Depending on Mounting Accessories W
Frequency	Depending on Mounting Accessories
Dimming	Depending on Mounting Accessories
OTHER DATA	
IC Rated	Yes
Environmental location	DAMP
Recess measurements	Ø3.11 in | Ø79 mm
Weight	0.386 lb | 175 gr
Packaged weight	0.542 lb | 246 gr
Packaging dimensions	5.47 x 4.13 x 3.54 in | 139 x 105 x 90 mm
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.

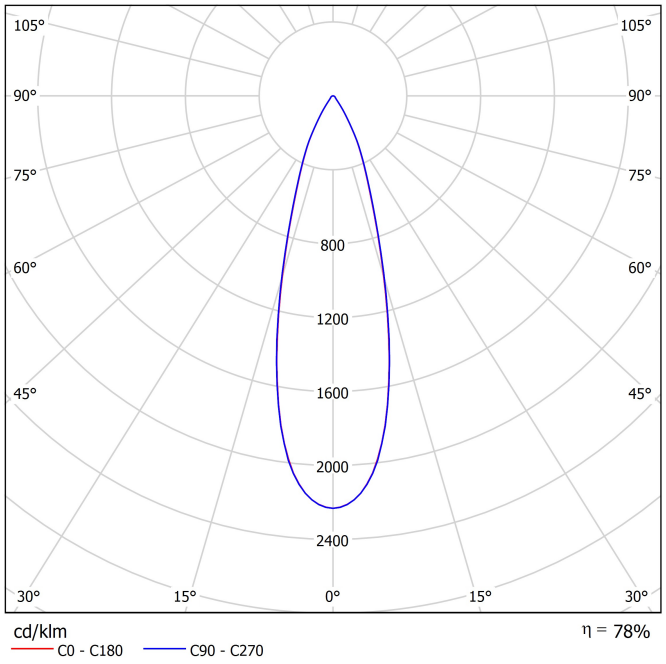
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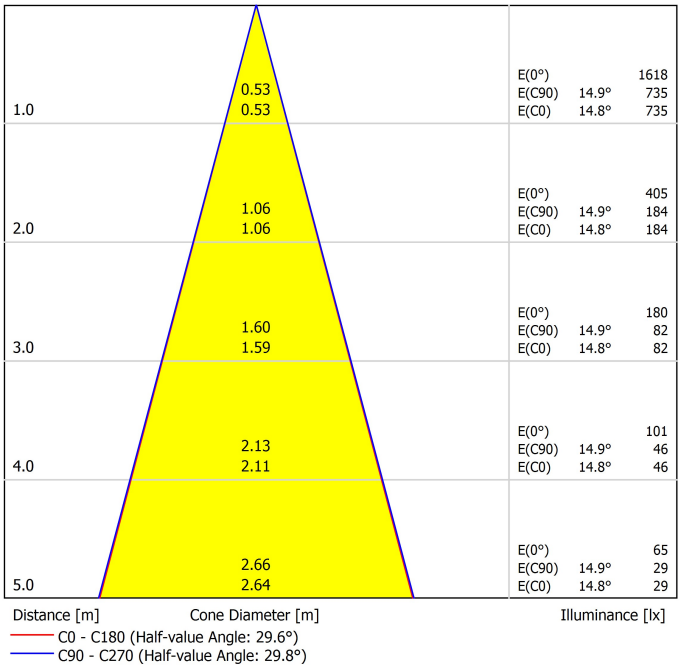
Lighting Technical Data

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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	10.5	11.2	10.7	11.4	11.6	10.5	11.2	10.7	11.4	11.6
	3H	12.2	12.8	12.4	13.0	13.3	12.2	12.8	12.5	13.1	13.3
	4H	12.8	13.4	13.1	13.7	13.9	12.8	13.4	13.1	13.7	13.9
	6H	13.3	13.8	13.6	14.1	14.4	13.3	13.9	13.6	14.1	14.4
	8H	13.4	14.0	13.8	14.3	14.5	13.5	14.0	13.8	14.3	14.6
	12H	13.5	14.0	13.9	14.3	14.7	13.6	14.1	13.9	14.4	14.7
4H	2H	11.1	11.7	11.4	11.9	12.2	11.1	11.7	11.4	11.9	12.2
	3H	12.9	13.5	13.3	13.8	14.1	13.0	13.5	13.3	13.8	14.1
	4H	13.7	14.2	14.1	14.5	14.8	13.7	14.2	14.1	14.5	14.9
	6H	14.3	14.7	14.7	15.0	15.4	14.3	14.7	14.7	15.1	15.4
	8H	14.5	14.9	14.9	15.2	15.6	14.6	14.9	15.0	15.3	15.7
	12H	14.7	15.0	15.1	15.4	15.8	14.7	15.0	15.1	15.4	15.8
8H	4H	14.0	14.3	14.4	14.7	15.1	14.0	14.3	14.4	14.7	15.1
	6H	14.7	15.0	15.2	15.4	15.8	14.8	15.0	15.2	15.4	15.9
	8H	15.0	15.2	15.5	15.7	16.1	15.0	15.2	15.5	15.7	16.2
	12H	15.2	15.4	15.7	15.9	16.4	15.3	15.4	15.7	15.9	16.4
12H	4H	14.0	14.3	14.5	14.7	15.1	14.0	14.3	14.5	14.7	15.1
	6H	14.8	15.0	15.3	15.4	15.9	14.8	15.0	15.3	15.5	15.9
	8H	15.1	15.3	15.6	15.7	16.2	15.1	15.3	15.6	15.8	16.3

Variation of the observer position for the luminaire distances S

S = 1.0H	+1.8 / -0.7	+1.8 / -0.7
S = 1.5H	+3.4 / -0.9	+3.5 / -1.0
S = 2.0H	+4.9 / -1.3	+5.0 / -1.3
Standard table	BK04	BK04
Correction Summand	-1.9	-1.9

Corrected Glare Indices referring to 725lm Total Luminous Flux

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