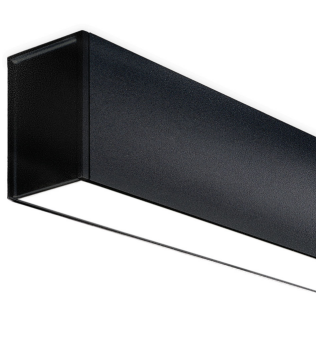
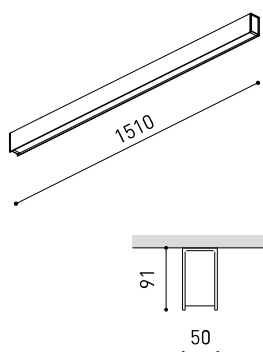




DIMENSIONS



PRODUCT

Name	FIFTY+ UGR SURFACE 150 DIM DALI 3000K NT
Reference	A4452221NT
Color	Textured black
RAL	9005
Category	SURFACE

LIGHT SOURCE

Type	LED
Gross luminous flux	3420 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	23,1 W
Current	700 mA
Efficacy	148 lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	47%
Light beam angle	62°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included
Power values of the system	26,34 W
Frequency	50/60 Hz
Dimming	DALI
Electrical insulation class	⚡

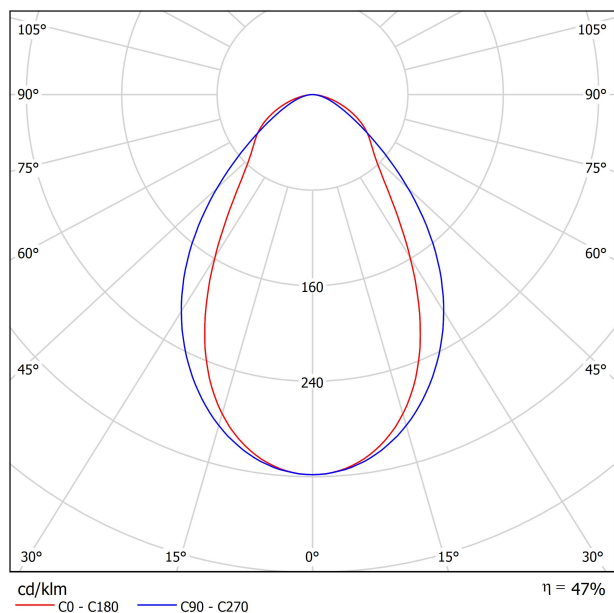
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Diffuser included	Yes
Weight	4500 g
Packaged weight	6700 g
Packaging dimensions	Ø157,5 x 1640 mm
Units per package	1
Materials	Aluminium / Polycarbonate

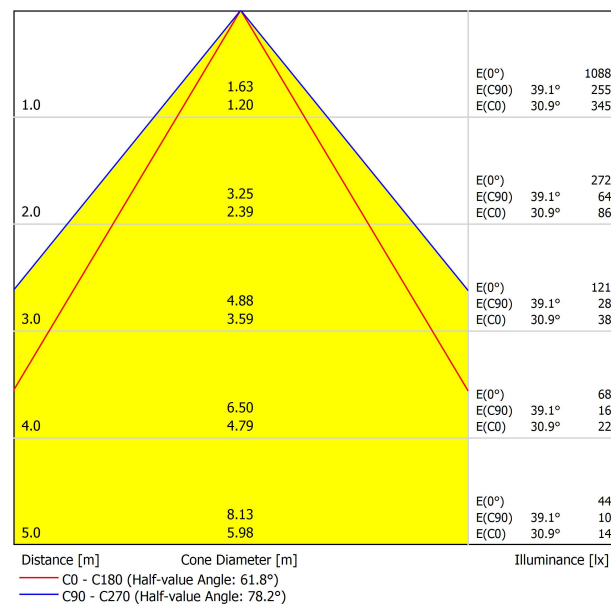


Fifty + is the longitudinal lighting profile for Surface application, individually. Fifty + adds functional light and visual support to highlight the lines, volumes and transitions defined in the architecture. Having an Opal diffuser which disperses the light and a UGR diffuser that reduces the glare angle. Both are installed as a single part along its entire length so as not to interrupt the light beam.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
p Ceiling		50	30	50	30	30	50	30	50	30	30	30
p Walls		20	20	20	20	20	20	20	20	20	20	20
p Floor		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	15.4	16.4	15.7	16.7	16.9	14.9	15.9	15.1	16.1	16.3	16.3
	3H	17.1	18.0	17.4	18.3	18.5	15.9	16.9	16.2	17.1	17.4	17.4
	4H	17.7	18.5	18.0	18.8	19.1	16.3	17.2	16.6	17.5	17.7	17.7
	6H	18.1	18.9	18.4	19.2	19.5	16.6	17.4	16.9	17.7	18.0	18.0
	8H	18.2	19.0	18.5	19.3	19.6	16.7	17.4	17.0	17.7	18.0	18.0
4H	2H	15.7	16.6	16.0	16.8	17.1	15.2	16.1	15.5	16.4	16.6	16.6
	3H	17.6	18.3	17.9	18.6	18.9	16.5	17.3	16.9	17.6	17.9	17.9
	4H	18.3	18.9	18.7	19.3	19.6	17.0	17.7	17.4	18.0	18.4	18.4
	6H	18.8	19.4	19.2	19.7	20.1	17.4	18.0	17.8	18.4	18.7	18.7
	8H	19.0	19.5	19.4	19.9	20.3	17.6	18.1	18.0	18.4	18.9	18.9
8H	2H	15.7	16.6	16.0	16.8	17.1	15.2	16.1	15.5	16.4	16.6	16.6
	3H	17.6	18.3	17.9	18.6	18.9	16.5	17.3	16.9	17.6	17.9	17.9
	4H	18.3	18.9	18.7	19.3	19.6	17.0	17.7	17.4	18.0	18.4	18.4
	6H	18.8	19.4	19.2	19.7	20.1	17.4	18.0	17.8	18.4	18.7	18.7
	8H	19.0	19.5	19.4	19.9	20.3	17.6	18.1	18.0	18.4	18.9	18.9
12H	2H	15.7	16.6	16.0	16.8	17.1	15.2	16.1	15.5	16.4	16.6	16.6
	3H	17.6	18.3	17.9	18.6	18.9	16.5	17.3	16.9	17.6	17.9	17.9
	4H	18.3	18.9	18.7	19.3	19.6	17.0	17.7	17.4	18.0	18.4	18.4
	6H	18.8	19.4	19.2	19.7	20.1	17.4	17.8	17.7	18.2	18.6	18.6
	8H	19.1	19.4	19.5	19.9	20.3	17.8	18.2	18.3	18.6	19.1	19.1
Variation of the observer position for the luminaires distances S												
S = 1.0H		+0.3 / -0.3					+0.3 / -0.5					
S = 1.5H		+0.5 / -0.4					+1.2 / -1.2					
S = 2.0H		+0.9 / -0.9					+2.3 / -1.8					
Standard table		BK05					BK03					
Correction Summand		-4.6					-6.1					
Corrected Glare Indices referring to 3420lm Total Luminous Flux												



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



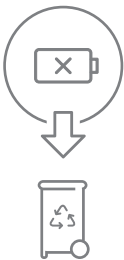
Quitar la(s) fuente(s) de luz para el desecho

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

