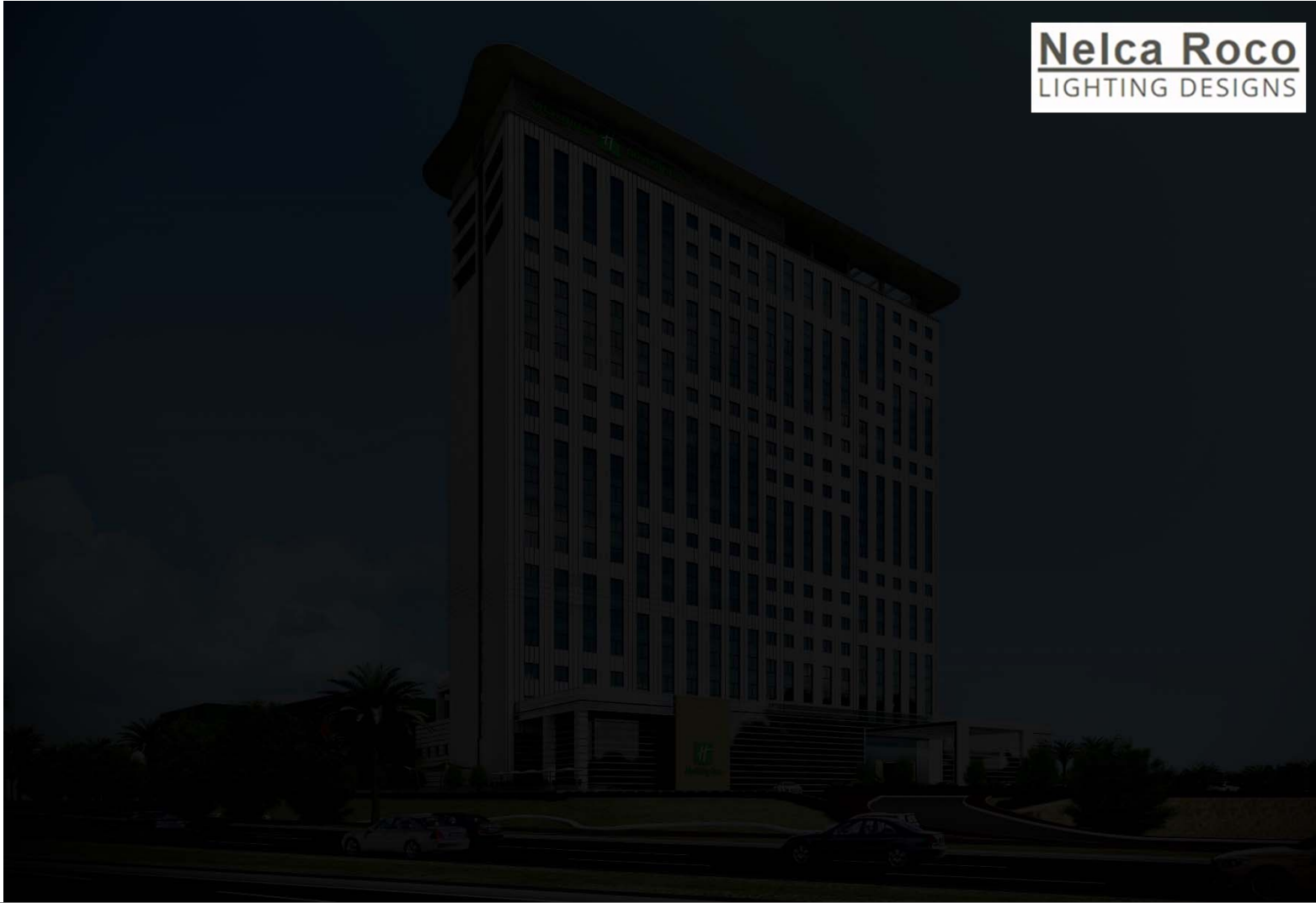


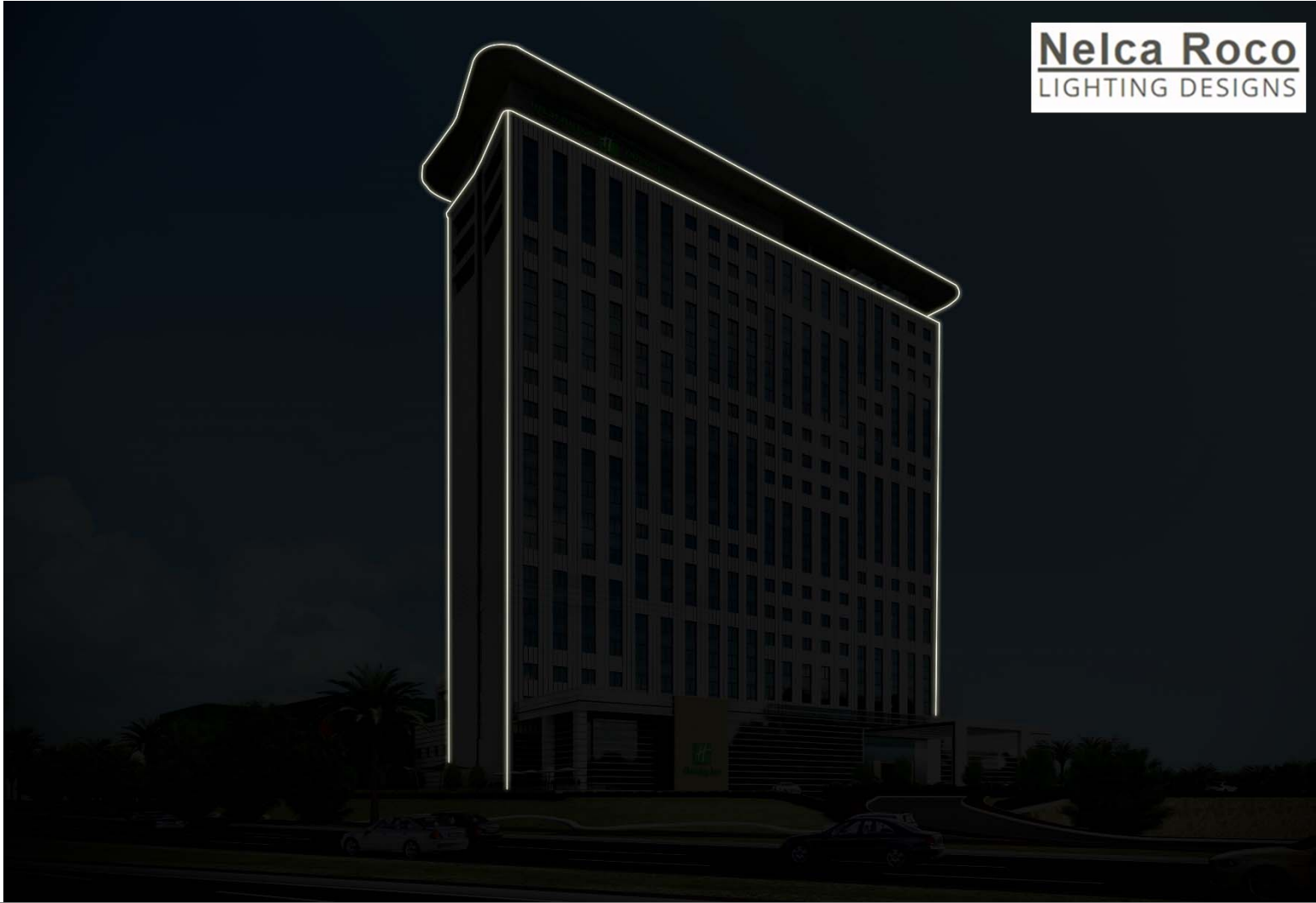
Sample Hotel Project, Location

Facade Lighting Design Presentation
Using Photoshop



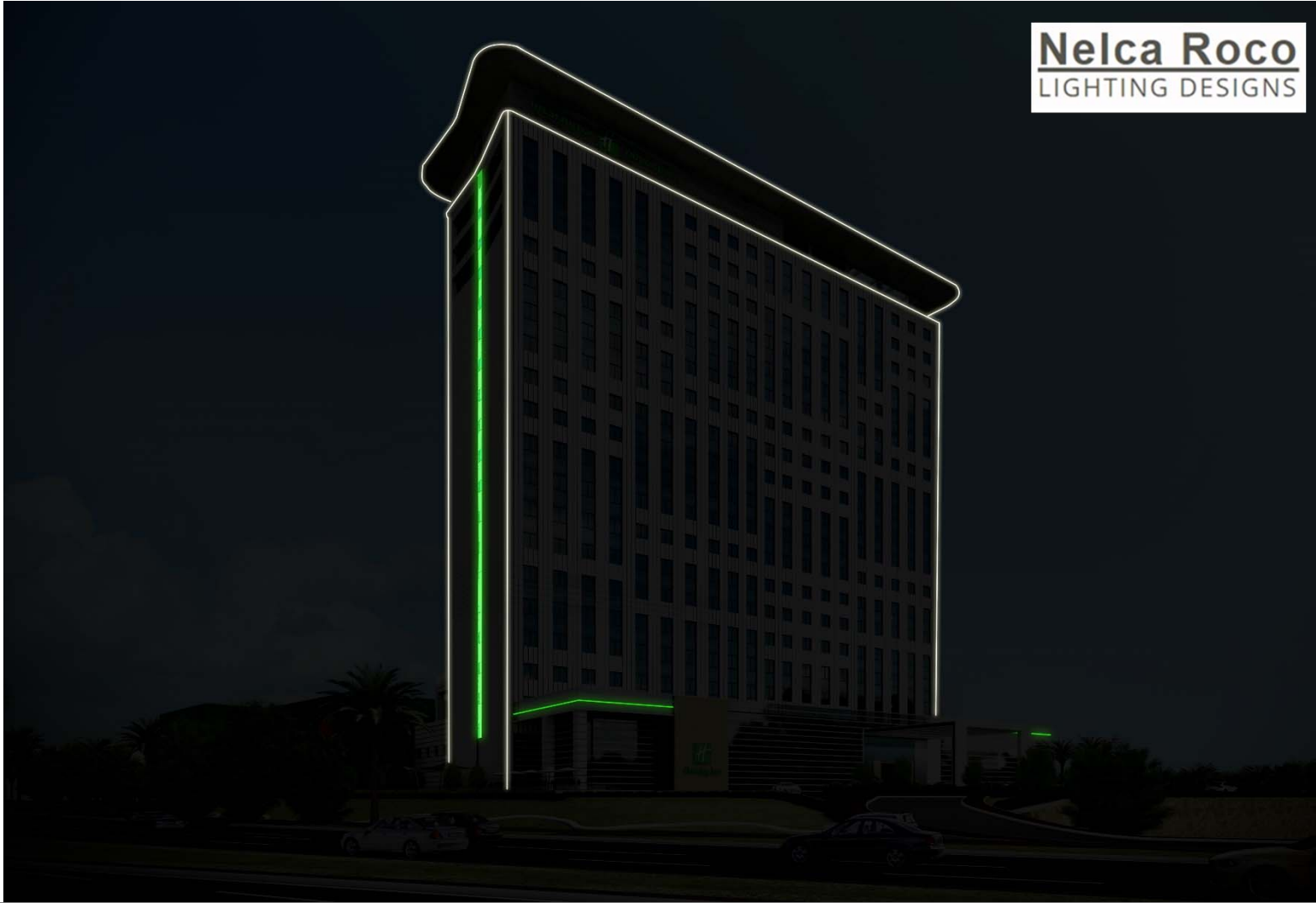






Nelca Roco
LIGHTING DESIGNS









Nelca Roco
LIGHTING DESIGNS





Nelca Roco
LIGHTING DESIGNS











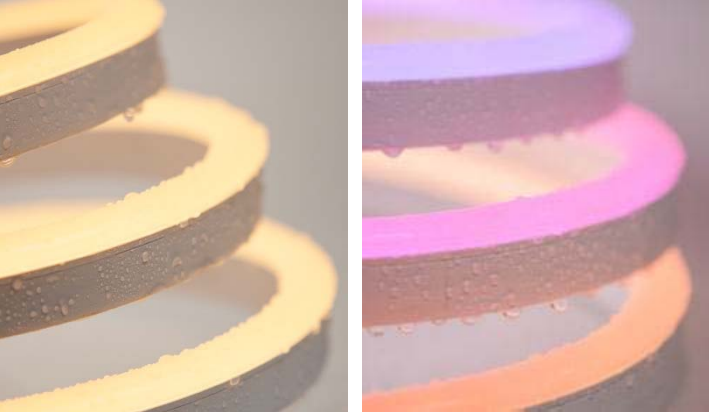




Luminaire Used

Domed Neon Flex LED

This high output Non Flex features a domed top which produces a wider beam angle. Its durability and weather resistance make it suitable for external conditions. Domed Neon resembles a conventional glass neon and can be used to replace and upgrade existing neon installations.



SPECIFICATIONS

POWER CONSUMPTION

7.2- 12W/M | 0.3 - 0.5 A | DC

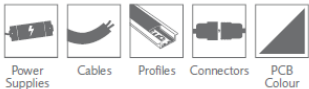
CUTTING INTERVALS

24V 60 LEDS 167MM/100MM

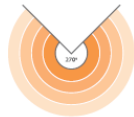
OPERATING TEMPERATURE

-25°C - + 45°C

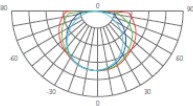
PRODUCT OPTIONS



270° VIEWING OPTIC



CANDLE POWER DISTRIBUTION



TECHNICAL DATA

IP OPTIONS	DIMENSIONS (mm)	PACKAGE WEIGHT	PACKAGE SIZE (mm)	LED TYPE	LIFESPAN	POWER SOURCE	WEIGHT/M	DIMMABLE	ENERGY CONSUMPTION	EFFICIENCY CLASS	CRI	BEAM ANGLE
IP 68	15x 29	11Kg	340x 340 x 240	SMD	5 YEARS	24VDC	0.55kg	YES	0.7-1.2KWh/1000h	A++	70+	270°

PRODUCT TYPE

COLOUR	MAX QTY PER INPUT	MIN CUTTING INTERVALS (mm)	LED QTY/M	LED POWER	LUMINOUS EFFICIENCY	LUMEN/M	CCT/ WAVELENGTH	PITCH (mm)	SKU
RED	24V	167	60	7.2W/M	13.8lm/W	>100	620-630nm	16.7	012-0589
AMBER	24V	167	60	7.2W/M	10.4lm/W	>75	590-595nm	16.7	012-0592
GREEN	24V	100	60	12W/M	20.8lm/W	>250	520-530nm	16.7	012-0590
BLUE	24V	100	60	12W/M	2.9lm/W	>35	460-470nm	16.7	012-0591
WARM WHITE	24V	100	60	12W/M	27Lm/W	>320	2700K	16.7	012-0581
WHITE	24V	100	60	12W/M	27Lm/W	>320	4000K	16.7	012-0584
COOL WHITE	24V	100	60	12W/M	27Lm/W	>320	5700K	16.7	012-0587
DAYLIGHT WHITE	24V	100	60	12W/M	27Lm/W	>320	6500K	16.7	012-0588

Luminaire Used

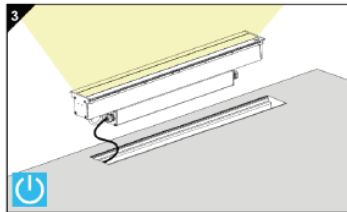
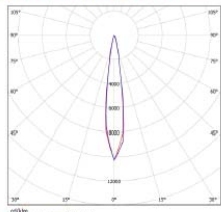
BLADE PRO - STANDARD BRIGHT

PERFORMANCE SUMMARY

LED Type	Osram Square			
LED Quantity	16			
Drive Current	500mA			
Power Consumption, including 85% Efficient Driver	27W			
PFC	Driver Dependant (0.9)			
Colour Accuracy	2 Step MacAdam Ellipse			
Colour Temp.	2700K	3000K	4200K	5000K
CRI	80	80	80	80
Initial Lamp Lumen Output	2275	2434	2958	3163
Initial Lamp Lumens per Circuit Watt	84	90	110	117
Lamp Lumen Output including Thermal & Optical Losses	2070	2214	2691	2878
Lamp Lumens (including Thermal & Optical Losses) per Circuit watt	77	82	100	107
Luminaire Lumen Output	1697	1816	2207	2360
Luminaire Lumens per Circuit watt (lm/W)	63	67	82	87
Lifetime L70, Based on TM-21	>50,000 hours			

Based on 3000K, 15° optics, 1213mm, SB & 0° tilt.

POLAR PLOT DIAGRAM



Based on 3000K, 15° optics, 1213mm, SB & 0° tilt.



BLADE PRO acdc1216

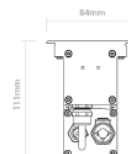


A family of IP67 architectural LED linear products for the illumination of architectural facades and structures, available in low glare in-ground, delivering over 4800 lumens per metre.

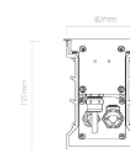
BLADE PRO



BLADE PRO End profile



BLADE PRO Sleeve



BLADE PRO Lengths



LUMINAIRE

Materials: Robust luminaire made from custom-made aluminium extrusion
Finish: Extremely durable anodised aluminium silver and anodised aluminium black.

Formats: Available in standard or extra bright formats & four tilt options - 0°, 5°, 10° and 15° available.

Lengths: Available in 4 lengths: 313mm, 613mm, 913mm, 1213mm.

Beam angles: 15°, 26°, 34x16°, 54°

Glare control: Micro louvre option to minimise glare and shield LEDs from view.

Accessories: Louvre available

Temperature range: From -20°C to 50°C

Thermal protection: Manufactured from bespoke architectural grade aluminium extrusion for optimal heat management.

For RAL options please contact Sales for minimum quantities and or additional charges

PERFORMANCE

Lumen Maintenance: High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70.

Initial lamp Lumen output*: SB: 2434lm / EB: 7301lm

Lamp lumens inc thermal and optical losses*: SB: 2214lm / EB: 6643lm

Luminaire Lumens output*: SB: 1816lm / EB: 5447lm

Power consumption (inc 85% efficient driver): SB: 27W / EB: 82W

Efficacy (lm/W)*: SB: 67 / EB: 66

LED Pitch: Standard bright 75mm, extra bright 25mm, RGB 25mm

CRI: 80

Impact Resistance: IK10

Binning: Colour consistency ensured across a project - 2 step MacAdam ellipse.

LED Colour: 2700°K, 3000°K, 4200°K, 6000°K, R, G, B, A, RGBX

Driver: Switched, Dali, DMX

Listings: CE

IP rating: IP67

Warranty: 5 year

Weight: (Integral) 6.46KG per 1213mm length

*Based on 3000K, 1213mm, 15°

Luminaire Used

Blade Max

A low glare, compact, surface mount linear LED wallwash luminaire. It offers a wealth of technical features utilising the latest driver technologies, protecting the luminaire from thermal overload and minimising on site commissioning. Broad colour temperature choice with options for dynamic white, RGB & RGBW.



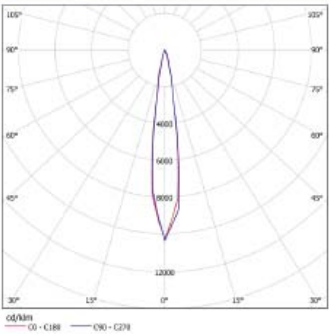
BLADE MAX - EXTRA BRIGHT

PERFORMANCE SUMMARY

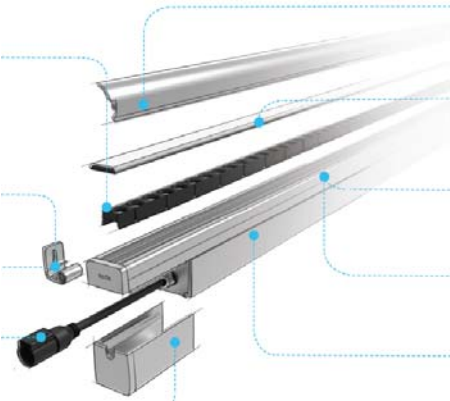
LED Type	OSRAM SQUARE			
LED Quantity	48			
Drive Current	500mA			
Power Consumption, Including 85% Efficient Driver	82W			
PFC	Driver dependent (typical 0.9)			
Colour Accuracy	2 Step MacAdam Ellipse			
Colour Temp	2700K	3000K	4200K	5000K
CRI	80	80	80	80
Initial Lamp Lumen Output	6797	7272	8839	9450
Initial Lamp Lumens per Circuit Watt	83	89	108	115
Lamp Lumen Output including Thermal & Optical Losses	6184	6617	8043	8599
Lamp Lumens (Including Thermal & Optical Losses) per Circuit watt	75	81	98	105
Luminaire Lumen Output	5627	6021	7318	7824
Luminaire Lumens per Circuit watt (lm/W)	69	73	89	95
Lifetime L70, Based on TM-21	>50,000 hours			

Based on 3000K 15° 1230mm EB

POLAR PLOT DIAGRAM



Based on 3000K 15° 1230mm EB



Luminaire Used

Performance

Lumen Maintenance: High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70.
Initial lamp Lumen output*: 1090lm
Lamp lumens inc thermal and optical losses*: 289lm
Luminaire Lumens output*: 257.11lm
Power consumption (inc 85% efficient driver): 6.05
Efficacy (Lm/W)*: 42.50
LED Pitch: 16.6mm
CRI: 90
Binning: Colour consistency ensured across a project - 2 step MacAdam ellipse.
LED Colour: 2700K, 3000K
Driver: Switched, 1-10v, Dal, DMX
Listings: CE, ETL us/c pending
IP rating: IP20
Warranty: 5 years
Weight: 220g per metre

*Based on 300mm at 3000K

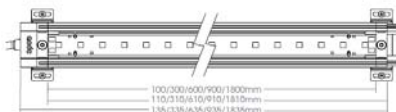


ORELLE + End

ORELLE + with Cowl



ORELLE + Lengths



OVERVIEW



A range of compact 24V linear LED luminaires with plug & socket interconnection, delivering 1200lm & 3000lm per metre. IP20

Provides an even, continuous and powerful light output with excellent colour rendering

Available in 5 lengths: 110mm, 310mm, 610mm, 910mm, 1810mm

Can follow shapes and curves thanks to flexible connectors

ORELLE can run up to 20m run from a single power feed

ORELLE + up to 5m run from a single power feed

Can accommodate additional accessories including a diffusing lens and a cowl for additional glare control

Optimised LED spacing for a smooth and even lit effect

Architectural grade aluminium extrusion

Simple click installation - zero hot swap failures.

Plug and socket for rapid installation

High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70

All LEDs are within a 2 step MacAdam ellipse to ensure colour consistency



Luminaire Used



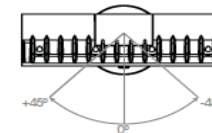
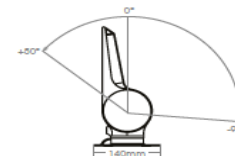
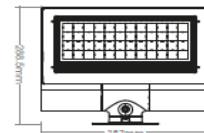
FUSION 48: Front

FUSION 48

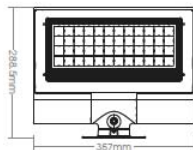


A range of intelligent, highly efficient, IP66 architectural LED floodlights delivering in excess of 8000lm in single colour, with colour change or dynamic white options available. Providing photometric performance of 17 lux at a distance of 90m*

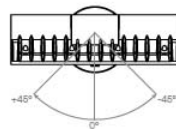
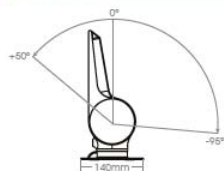
*Based on 3000K and 10° at 500mA.



FUSION 48: Tilt



FUSION 48: Rotation



Luminaire

Material: Robust luminaire housings made from high pressure, die cast, corrosion resistant LM24 aluminium. Specialist Alodine® treatment combined with our two stage powder coating paint process ensures lifetime product performance in even the harshest external environments.

Finish: White, black, RAL*.

Beam angles: 10°, 16°, 30°, 64°, 40° x 12° linear.

Accessories: Cowl, snoot, louvre, ground spike, wall arm bracket, 1m, 2m, 5m, 10m, 25m link cables. 1m, 10m, 20m, supply cable. T-Piece mains connector.

Installation: Quick double twist lock, one tool installation and the products light weight ensures simple, one person installation

Adjustability: Tilts +50° forward or -95° back and rotates + /- 45° from 0°

Temperature range: From -10°C to 50°C

Technical intelligence

Thermal protection: On board thermal management automatically dims the product when temperatures exceed 50°C with temperature compensation algorithms to ensure colour in consistency even in extreme temperature environment.

RDM Compatible: Individual remote configuration

Dimming: Flicker free dimming to zero, using Hydradrive drive technology

*Upon Request. Minimum order quantity applies.

Performance

Lumen Maintenance: High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70.

Initial lamp Lumen output:** 8563lm

Lamp lumens inc thermal and optical losses:** 8135lm

Luminaire Lumens output:** 7526lm

Power consumption (inc 85% efficient driver): 82

Efficacy (Lm/W)* **: 92

CRI: 80

Binning: Colour consistency ensured across a project - 2 step MacAdam ellipse.

LED Colour: 2700K, 3000K, 4200K, 6000K, 2700K/6000K. (Dynamic White), RGB, RGBA, RGBW, R, G, B, A.

Driver: Switched, DMX

Listings: CE, ETL us/c pending

IP rating: IP66

Warranty: 5 years

Weight: 5.4kg

** Based on 3000K with 10° optics



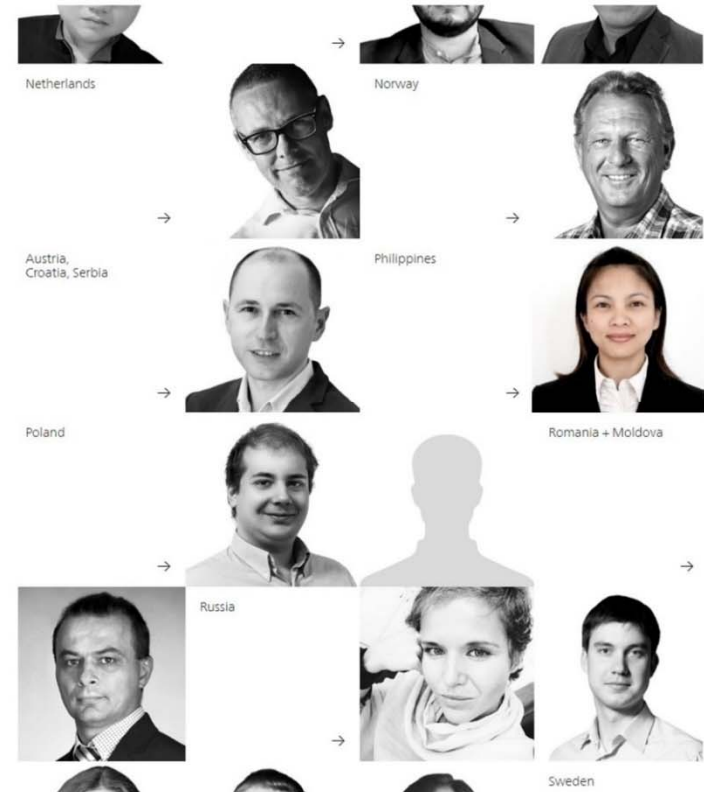
Nelca Roco is an Official Dialux Trainer certified by Dial Germany.

She worked as a lighting designer for ten years in one of the well-known lighting brands in Dubai.

She is an architect by profession. She is also a LEED AP certified professional.

She is passionate about sustainable architecture and lighting. She loves yoga, coffee, reading, investing and learning new things.

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End of Presentation.
Thank you!