

# Neo

Downlight



## DESCRIPTION

Neo R & S is a family of LED downlights for general lighting functions that is remarkable for its attractive appearance & design, providing different sizes, that fits each project's requirements and, adds a differentiating attribute.

**TRIDONIC PHILIPS**

Driver

**LUMILEDS**

LED Chip



## Illumination Data

<b>Color temperature:</b>	3000K   4000K
<b>Lumen output:</b>	800LM   1000LM   1200LM 1800LM   2000LM   2500LM 2900LM
<b>CRI</b>	90
<b>Beam angle</b>	90° Flood
<b>UGR</b>	<22

## Physical Specification

<b>Material Finish</b>	Die cast aluminium
<b>Diffuser</b>	Polycarbonate
<b>Optics</b>	Opal
<b>Ingress protection (IP)</b>	54
<b>Impact Protection (IK)</b>	02

## Electric Characteristics

<b>Light source</b>	LED Built in
<b>LED type</b>	SMD
<b>Power</b>	8 Watt   10 Watt   12 Watt   18 Watt 20 Watt   25 Watt   29 Watt
<b>P.F</b>	>0.9
<b>LED chip</b>	Philips
<b>Driver</b>	Philips   Tridonic

## Installation

<b>Installation</b>	Ceiling Recessed
<b>Wiring</b>	Product complete with electronic components

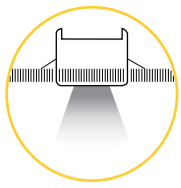
## Luminaire Body Finish Color

White Ral 9003



## Certificate & Warranty

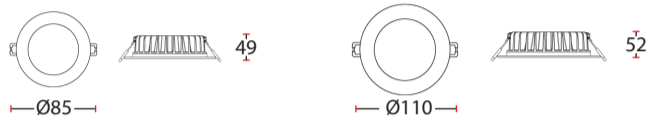
<b>Certification</b>	CB   CE   LM79   LM80 TM21   Photo biological
<b>Lifetime expectancy</b>	50.000 hrs
<b>Warranty duration</b>	Up to 5 years



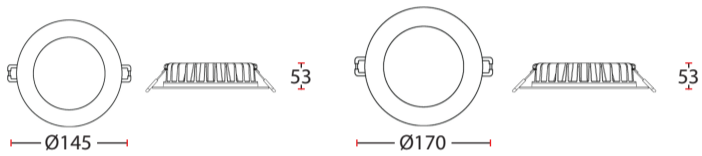
# Neo

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## Dimensions & Specs Round



\*All dimensions in these sketches are in millimeters\*



## Dimensions & Specs of luminaires

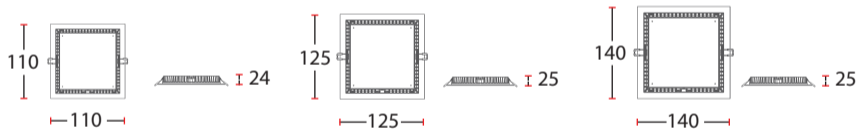
Dim	Ø	H	Cutout	Watt	Lumen
R1	85mm	49mm	65mm	8	800
R2	110mm	52mm	90mm	10	1000
R3	145mm	53mm	120mm	12	1200
R4	145mm	53mm	120mm	18	1800
R5	170mm	53mm	140mm	25	2500

## Specs

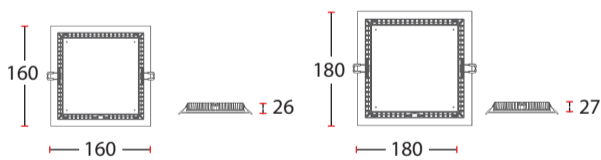
Dimension (mm)	Wattage (W)	lumen (lm)
R1	8 watt	800lm
R2	10 watt	1000lm
R3	12 watt	1200lm
R4	18 watt	1800lm
R5	25 watt	2500lm

\*All dimensions in this schedule table are in millimeters\*

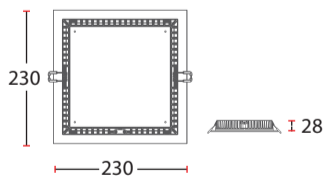
## Dimensions & Specs Square



\*All dimensions in these sketches are in millimeters\*



\*All dimensions in these sketches are in millimeters\*



## Dimensions & Specs of luminaires

Dim	WxL	H	Cutout	Watt	Lumen
S1	110x110mm	24mm	95x95mm	8	800
S2	110x110mm	24mm	95x95mm	10	1000
S3	125x125mm	25mm	110x110mm	12	1200
S4	140x140mm	25mm	125x125mm	18	1800
S5	160x160mm	26mm	140x140mm	20	2000
S6	180x180mm	27mm	160x160mm	25	2500
S7	230x230mm	28mm	200x200mm	29	2900

## Specs

Dimension (mm)	Wattage (W)	lumen (lm)
S1	8 watt	800lm
S2	10 watt	1000lm
S3	12 watt	1200lm
S4	18 watt	1800lm
S5	20 watt	2000lm
S6	25 watt	2500lm
S7	29 watt	2900lm

\*All dimensions in this schedule table are in millimeters\*

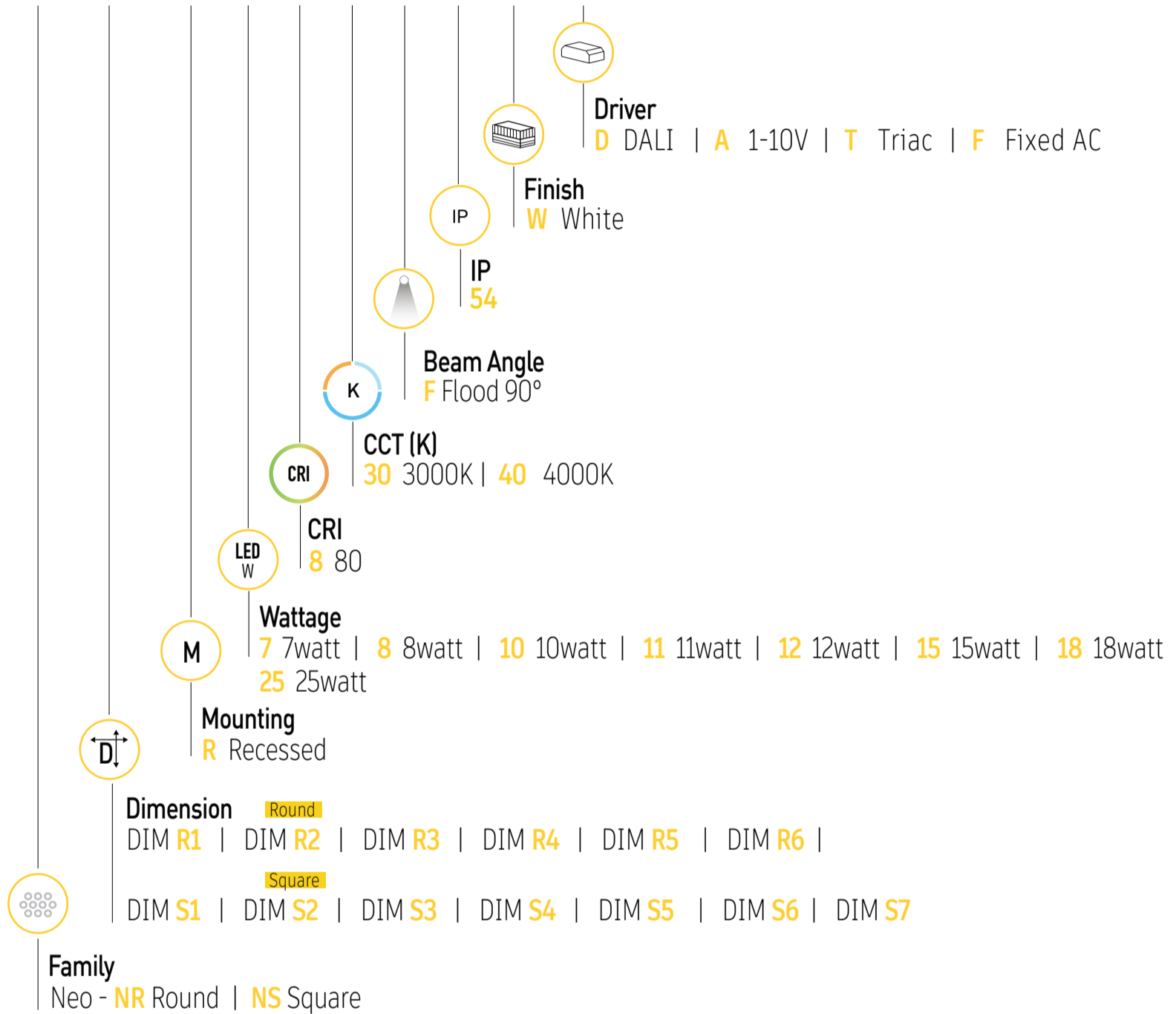


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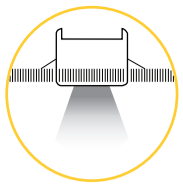
BR- NX XX R XX.8 XX F 54 W - X

Product coding system



BR - NX XX R XX.8 XX F 54 W - X

Configure luminaire specs & send us the code for order confirmation



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## Optional Application



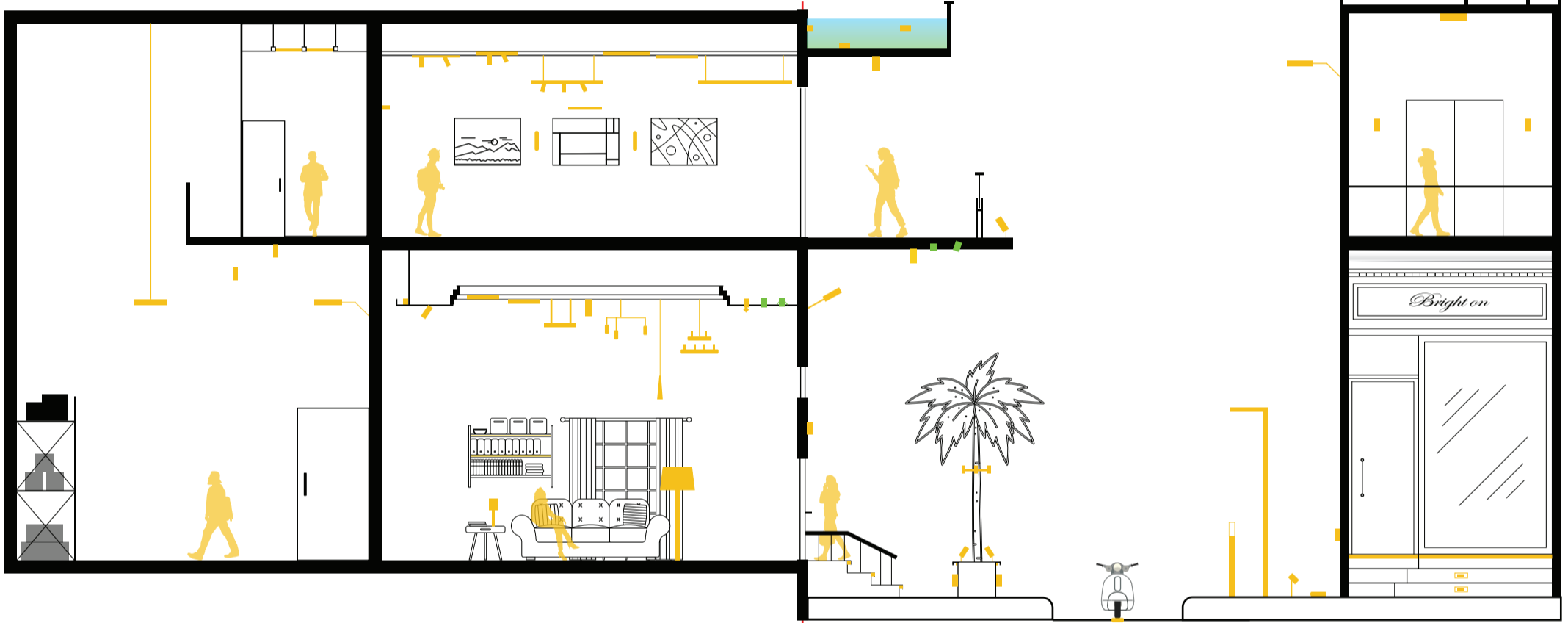
Dimmable

## Brighton luminaires Map

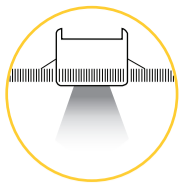
- Brighton Luminaires Range
- Selected Luminaire Default placement

Indoor

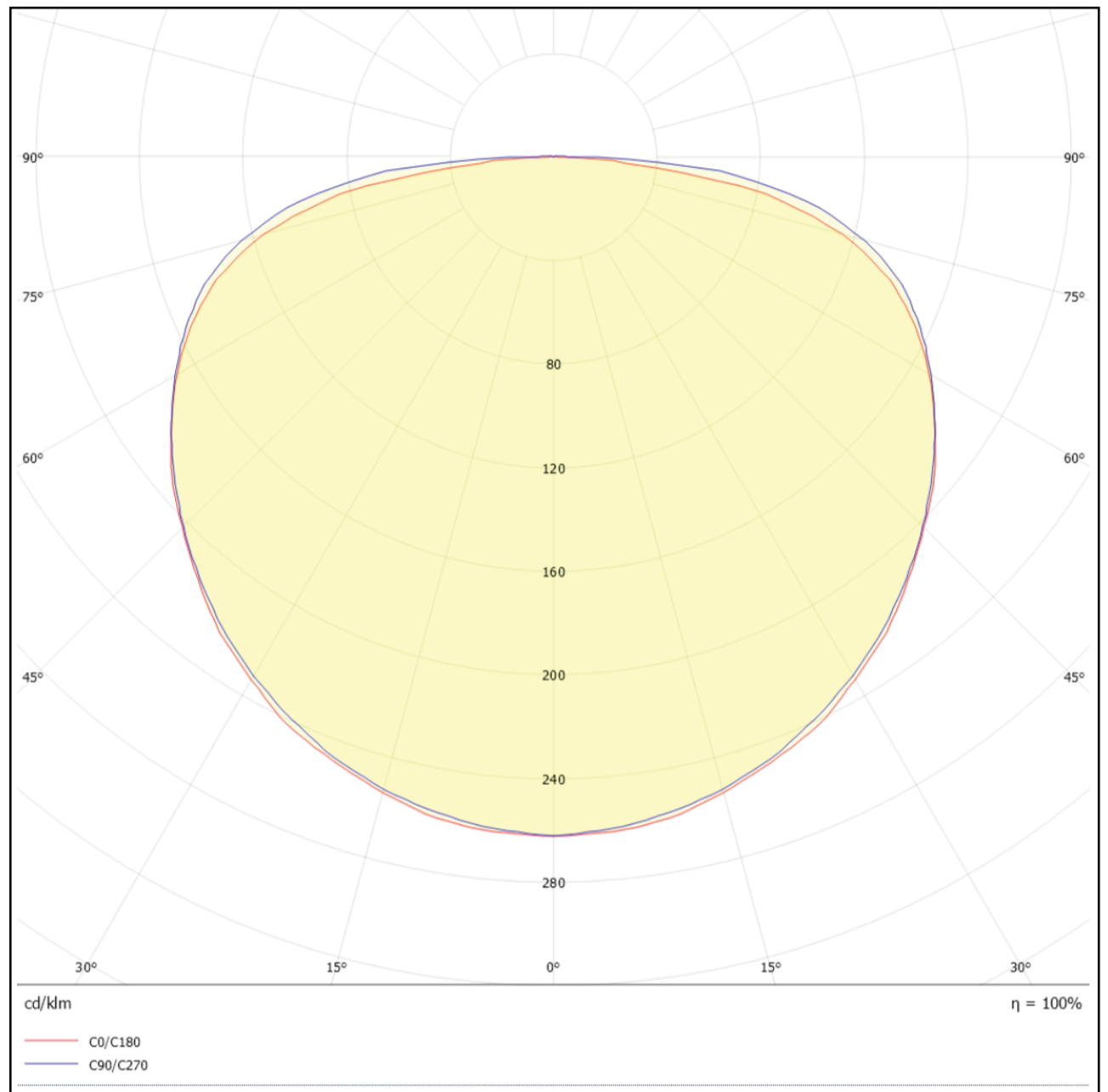
Outdoor



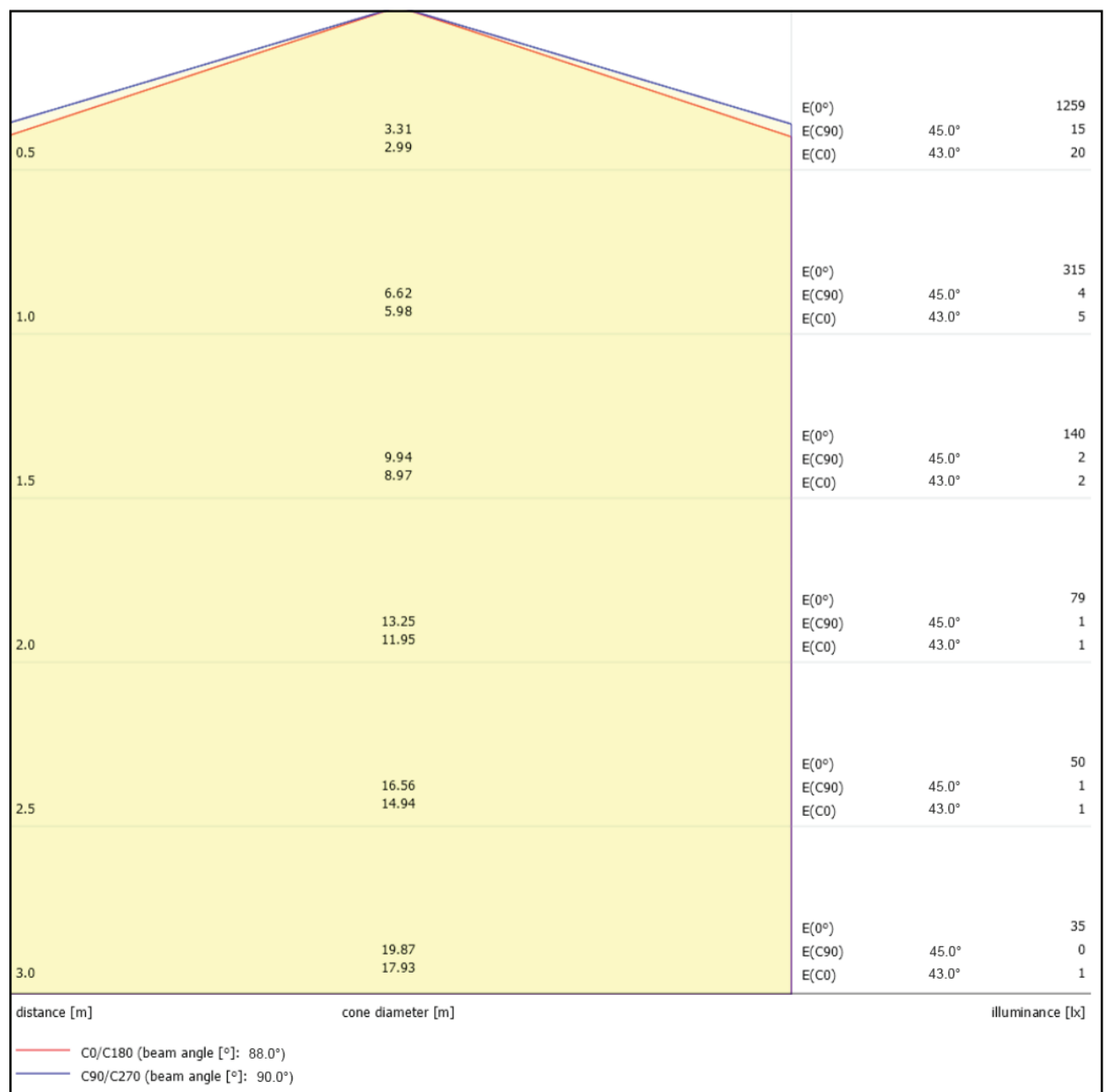
Accessories

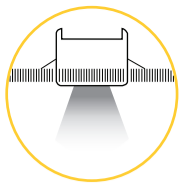


Round 12 Watt 90° Beam Angle  
Polar Curve



Round 12 Watt 90° Beam Angle  
Cone Diagram

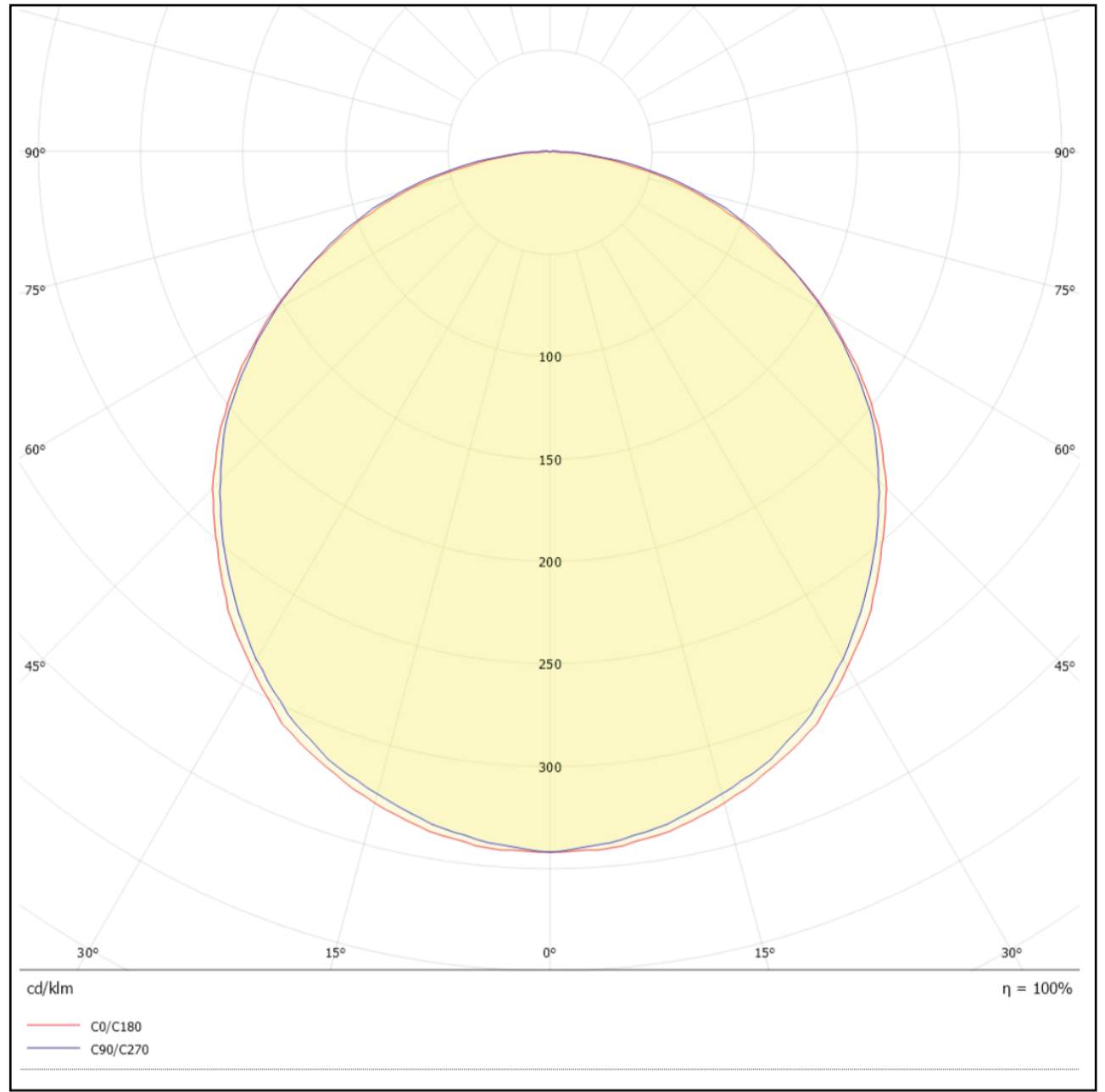




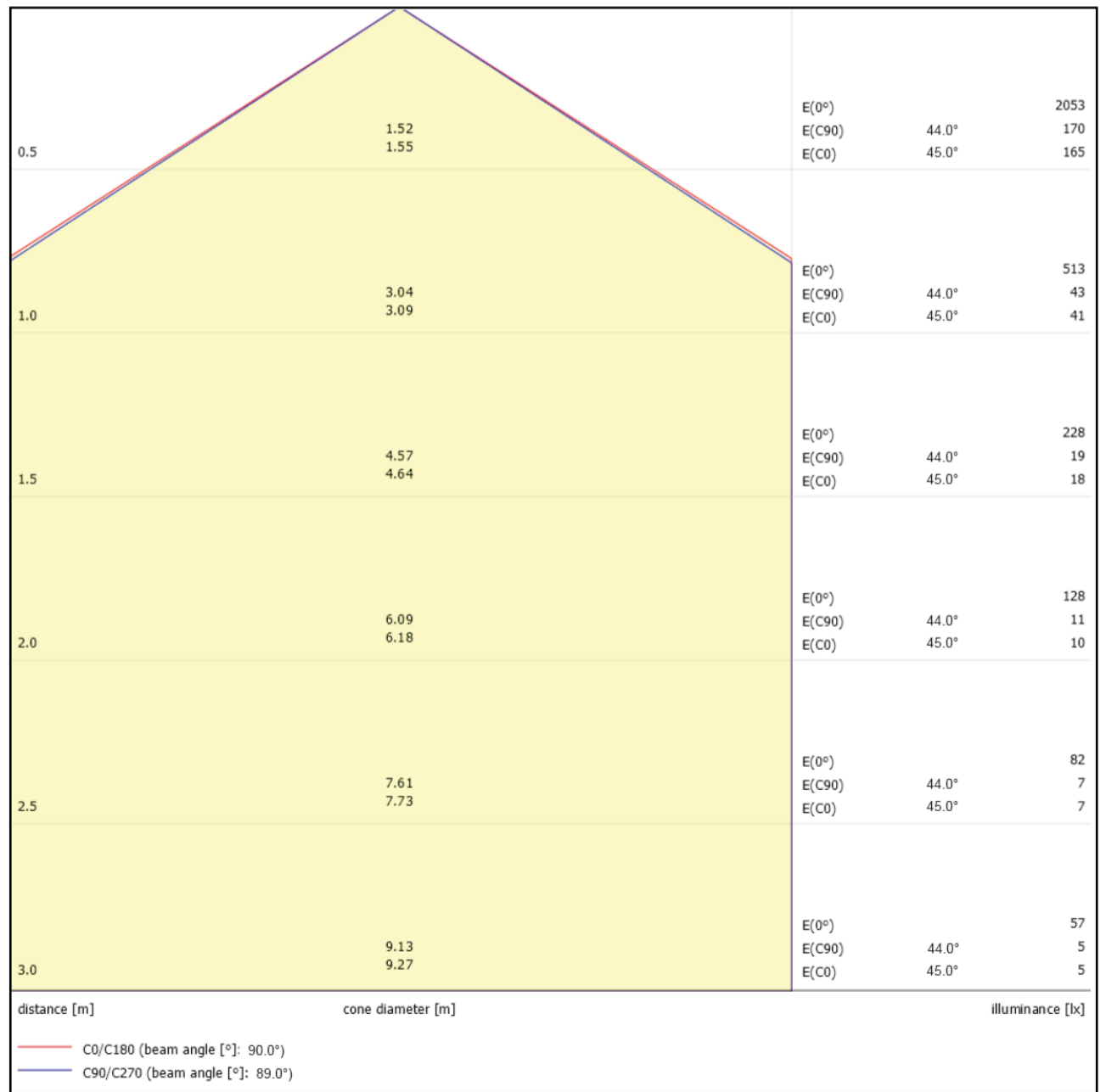
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Square 15 Watt 90° Beam Angle  
Polar Curve



Square 15 Watt 90° Beam Angle  
Cone Diagram





Neo NR

BRIGHTON