

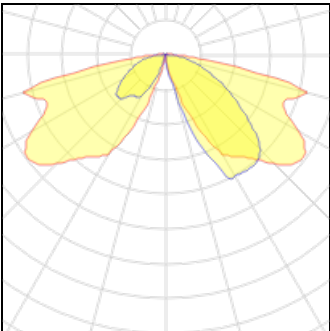
Product data sheet

ILLUMINATING BOLLARD CITY ELEMENTS 180-2 P-AR M.DIM 1800K
16.10365.1VXXX + 16.20303.XVXXX
HESS

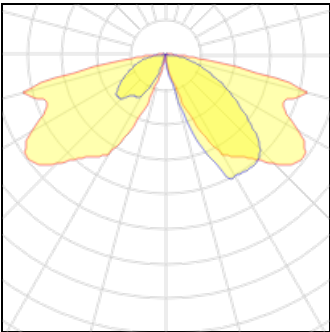


Top Element 180-2 P-AR For illuminating bollard CITY ELEMENTS 180-2 Constructed from aluminium tube section $\varnothing$ 180 mm Module length 380 mm Mounting via bayonet lock on basic element Glass made of polycarbonate (PC) 16.20303.XVXXX Base Element 180-2 P-CR02/04 For illuminated bollard CITY ELEMENTS 180-2 Made of aluminium tube $\varnothing$ 180 mm With welded-in bayonet ring made of die-cast aluminium (For the mounting of the top element) Module length: 820 mm Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer- colours. RAL pearl-mica-metallic-shades on request.

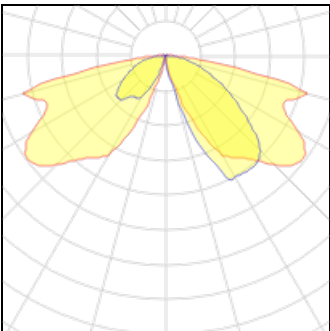
Light output 1



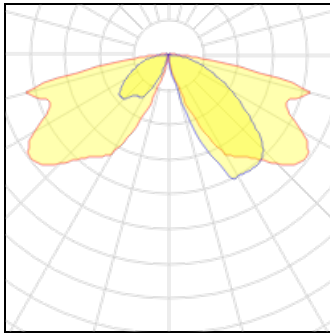
1 x LED			
Nominal lamp power	20 W	LOR	100%
Lamp flux	1166 lm	ULOR	100%
Luminous efficacy	58 lm/W	Total flux	1166 lm
CCT	1800 K	Total power	20 W
CRI	80		



1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	591 lm	ULOR	100%
Luminous efficacy	49 lm/W	Total flux	591 lm
CCT	1800 K	Total power	12 W
CRI	40		



1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	581 lm	ULOR	100%
Luminous efficacy	48 lm/W	Total flux	581 lm
CCT	1800 K	Total power	12 W
CRI	40		

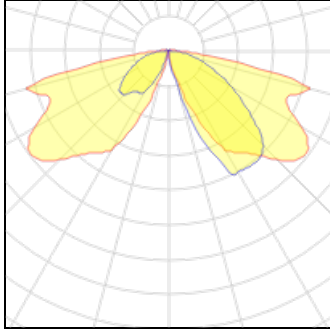
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
687 lm
57 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
687 lm
12 W

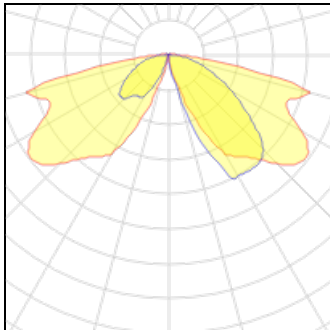
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
610 lm
51 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
610 lm
12 W

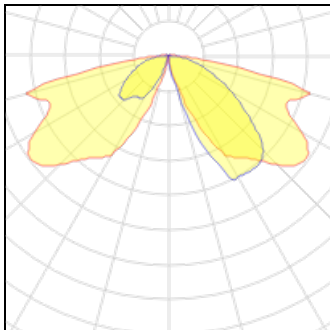
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
568 lm
47 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
568 lm
12 W

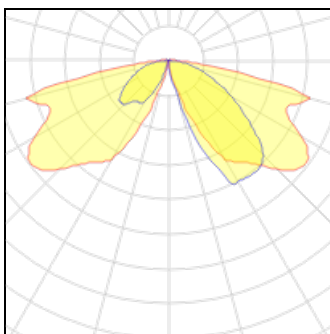
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
701 lm
58 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
701 lm
12 W

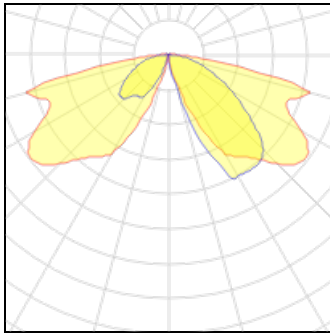
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
872 lm
58 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
872 lm
15 W

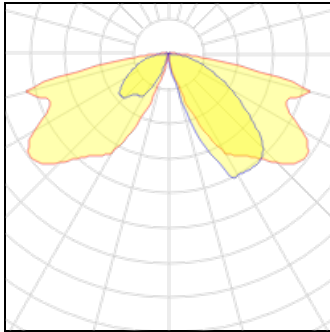
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
770 lm
51 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
770 lm
15 W

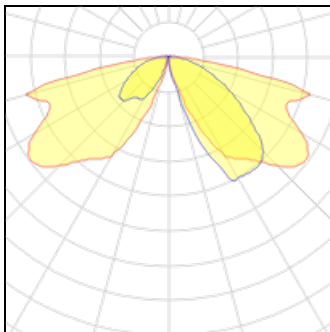
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
716 lm
60 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
716 lm
12 W

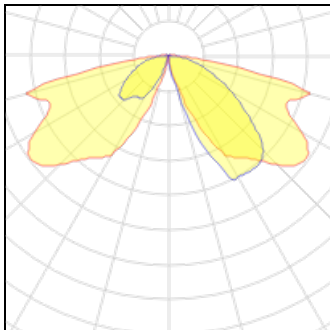
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
813 lm
54 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
813 lm
15 W

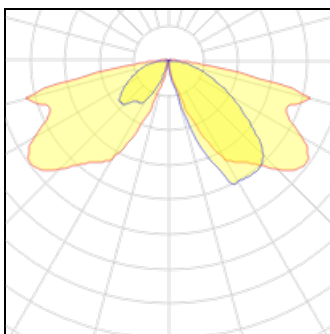
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
854 lm
57 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
854 lm
15 W

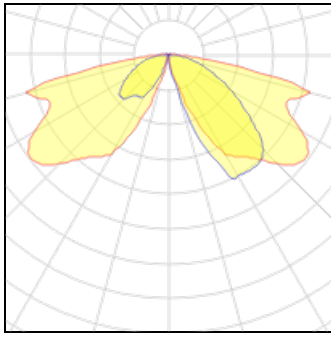
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1217 lm
61 lm/W
1800 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1217 lm
20 W

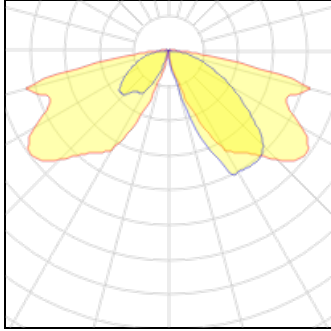
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1126 lm
56 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
1126 lm
20 W

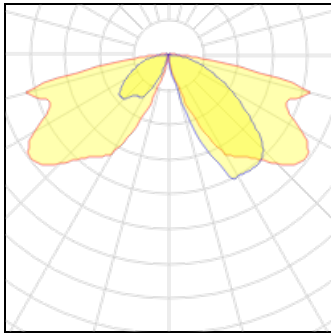
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1072 lm
54 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
1072 lm
20 W

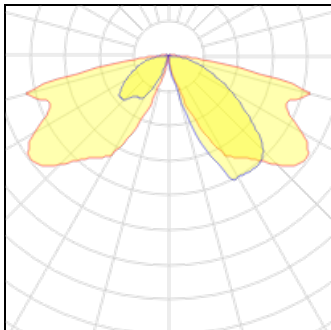
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
789 lm
53 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
789 lm
15 W

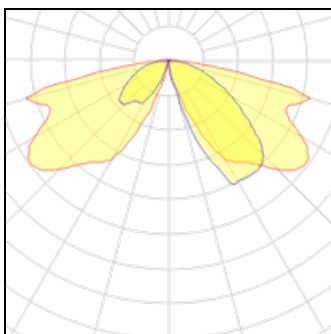
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1162 lm
58 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

100%
100%
1162 lm
20 W

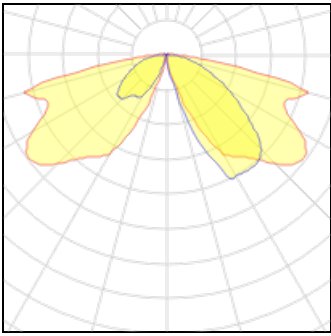
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

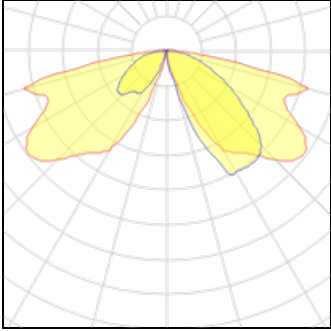
20 W
1081 lm
54 lm/W
1800 K
40

LOR
ULOR
Total flux
Total power

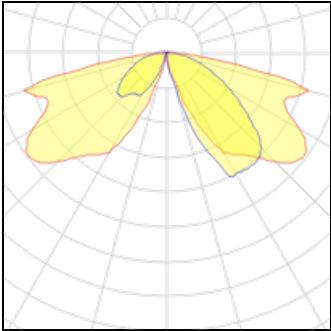
100%
100%
1081 lm
20 W



1 x LED			
Nominal lamp power	20 W	LOR	100%
Lamp flux	1191 lm	ULOR	100%
Luminous efficacy	60 lm/W	Total flux	1191 lm
CCT	1800 K	Total power	20 W
CRI	80		



1 x LED			
Nominal lamp power	15 W	LOR	100%
Lamp flux	758 lm	ULOR	100%
Luminous efficacy	51 lm/W	Total flux	758 lm
CCT	1800 K	Total power	15 W
CRI	40		



1 x LED			
Nominal lamp power	15 W	LOR	100%
Lamp flux	837 lm	ULOR	100%
Luminous efficacy	56 lm/W	Total flux	837 lm
CCT	1800 K	Total power	15 W
CRI	80		

Mounting mode

Standing / Bollard

Shape and measurements

Length: 7.09 in

Width: 7.09 in

Height: 47.24 in

Adjustability

Fixed

Electric

System power: 12-20 W

Protection

IP: 65