



OPTICS OVERVIEW

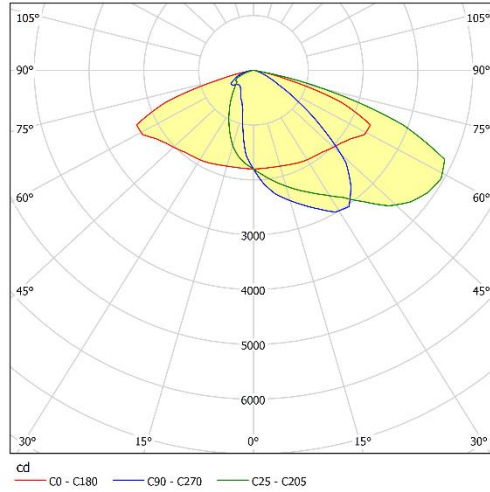
HESS GMBH LICHT + FORM

POLE TOP MOUNTED LUMINAIRES

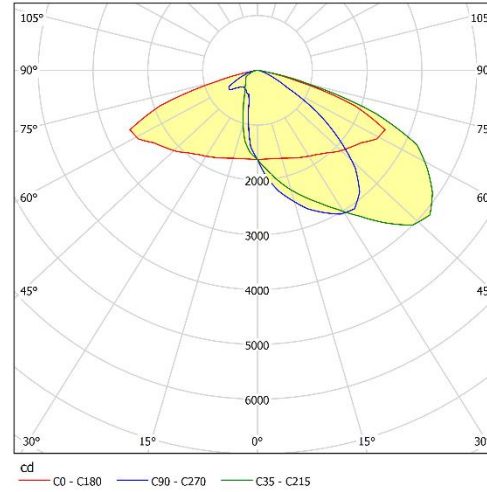
OPTICS OVERVIEW

Pole Top Mounted Luminaires

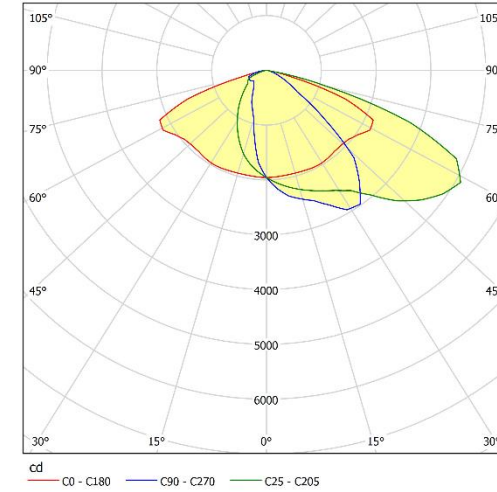
ASY10 (equals M3)



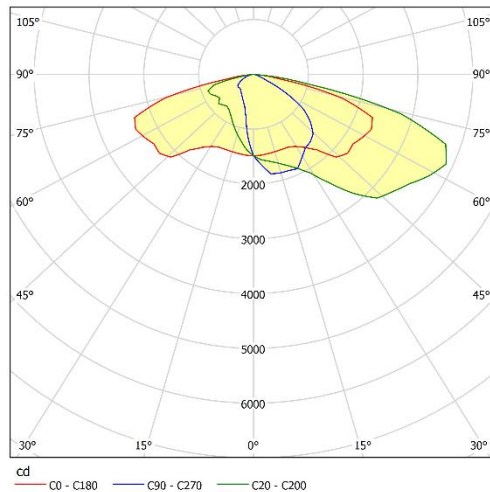
ASY11 (equals O2)



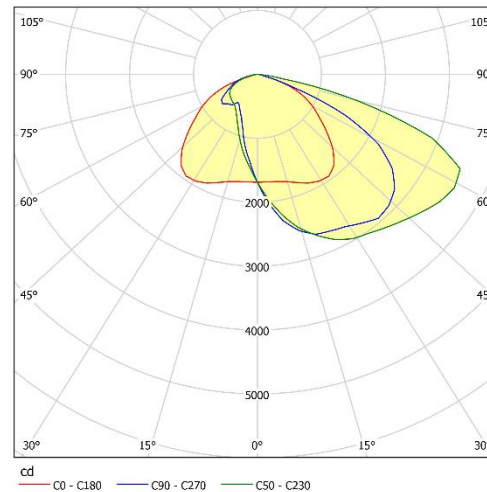
ASY12 (equals O3)



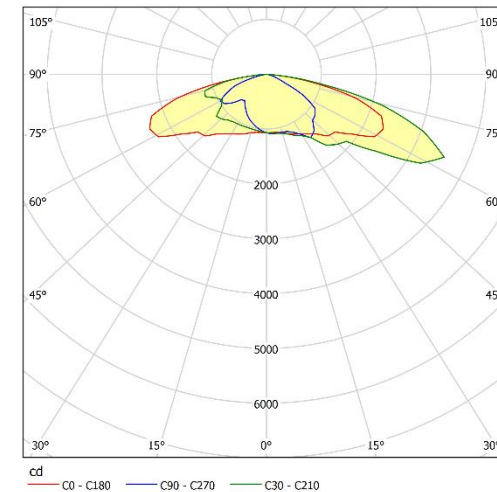
ASY13 (equals O7)



ASY14 (equals O14)



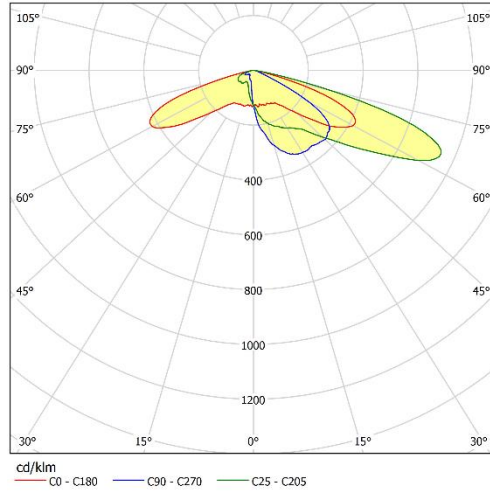
ASY17 (equals O22)



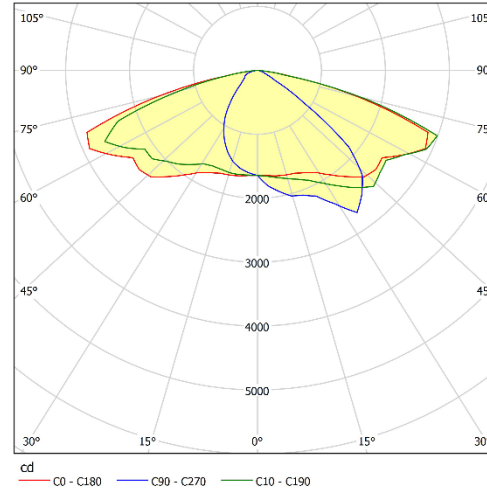
OPTICS OVERVIEW

Pole Top Mounted Luminaires

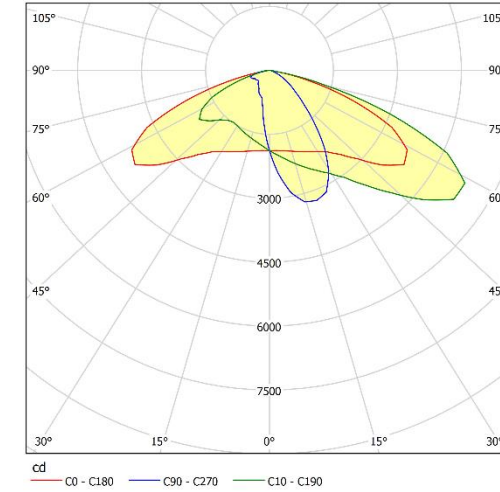
ASY27



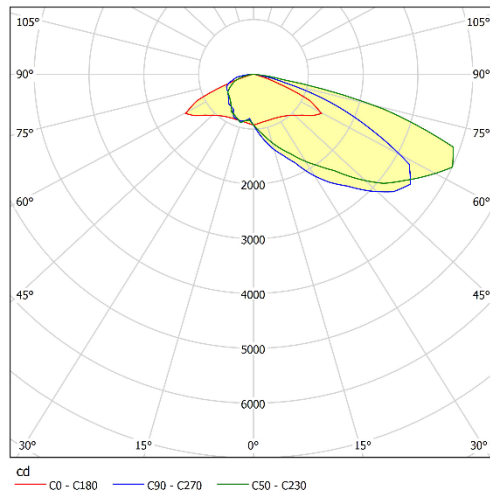
ASY28 (equals O28)



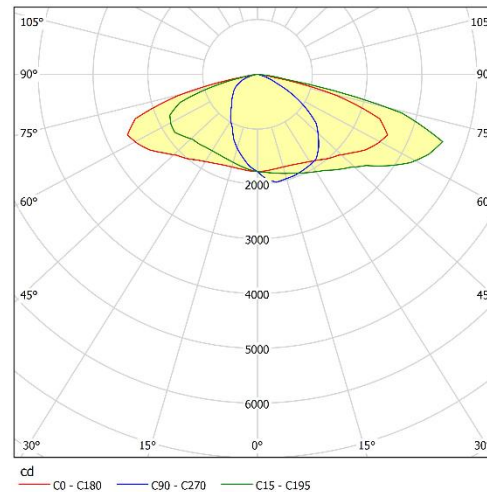
ASY30 (equals O1)



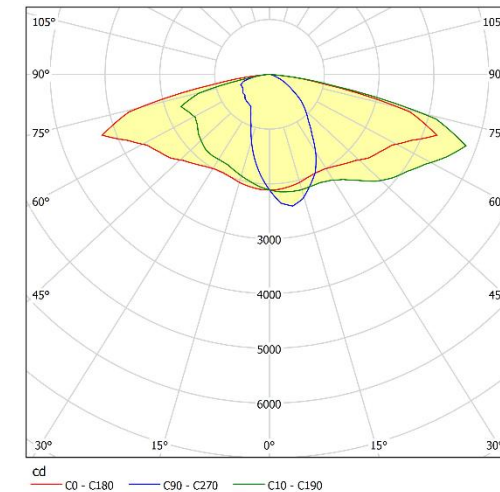
ASY32 (equals O24)



ASY33 (equals O25)



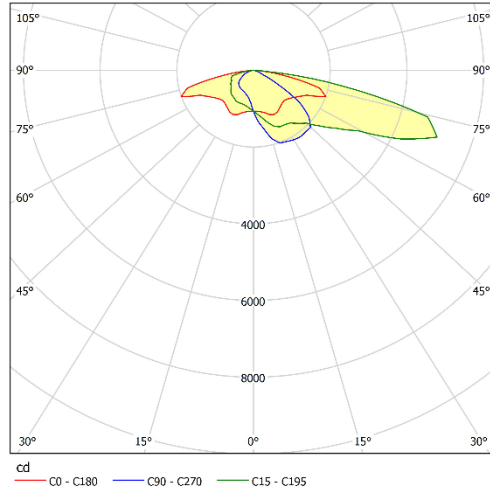
ASY34 (equals O26)



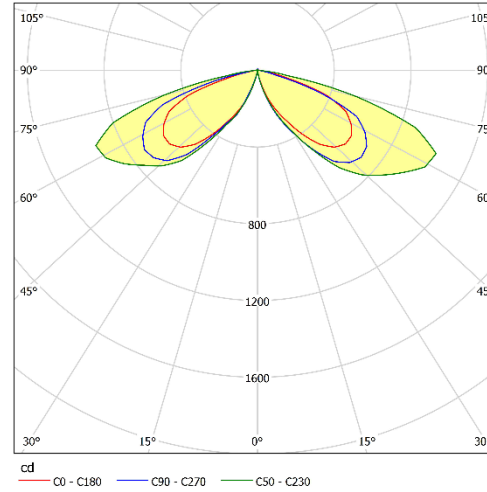
OPTICS OVERVIEW

Pole Top Mounted Luminaires

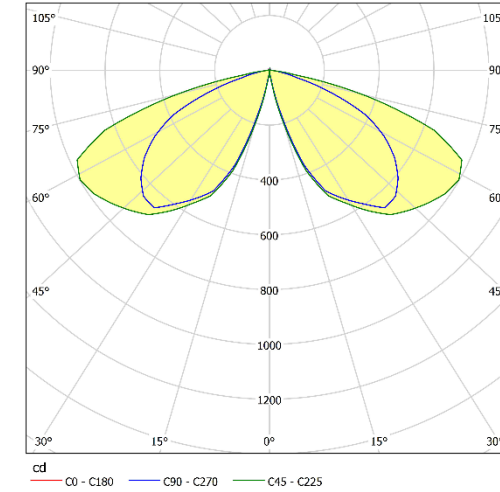
ASY35 (equals O27)



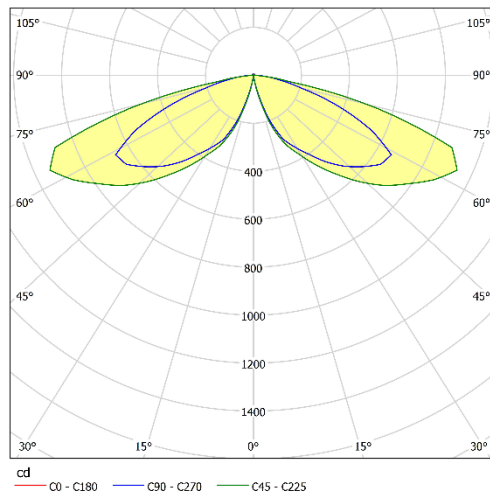
CIR06 (equals O11)



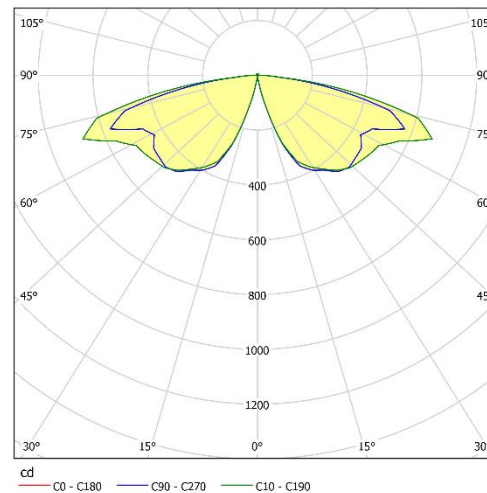
M4



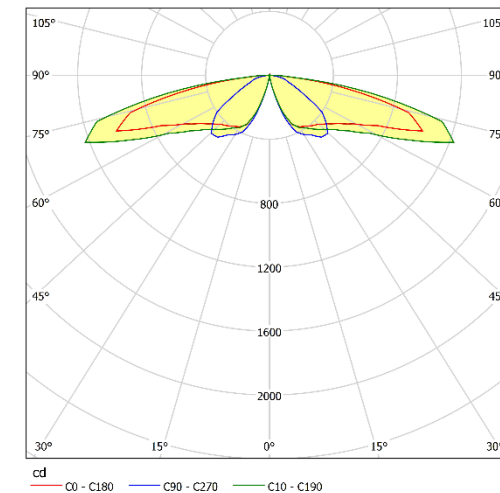
M5



M6



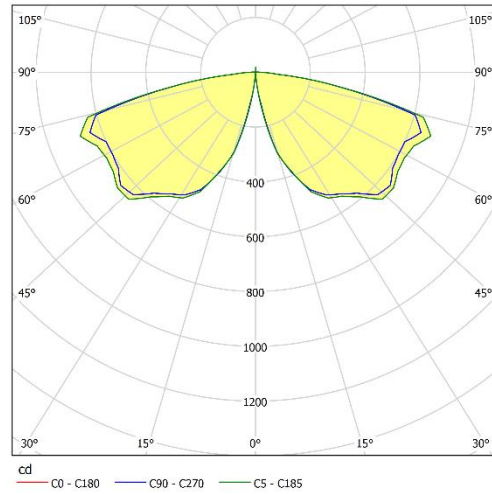
M7



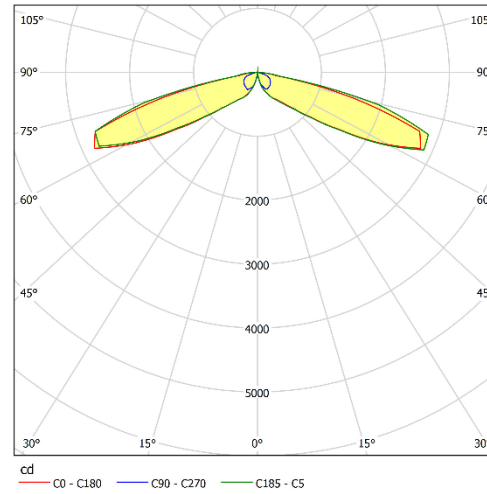
OPTICS OVERVIEW

Pole Top Mounted Luminaires

M8 (equals O8)



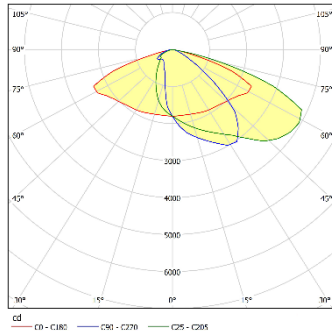
SYM02 (equals O12)



OPTICS OVERVIEW

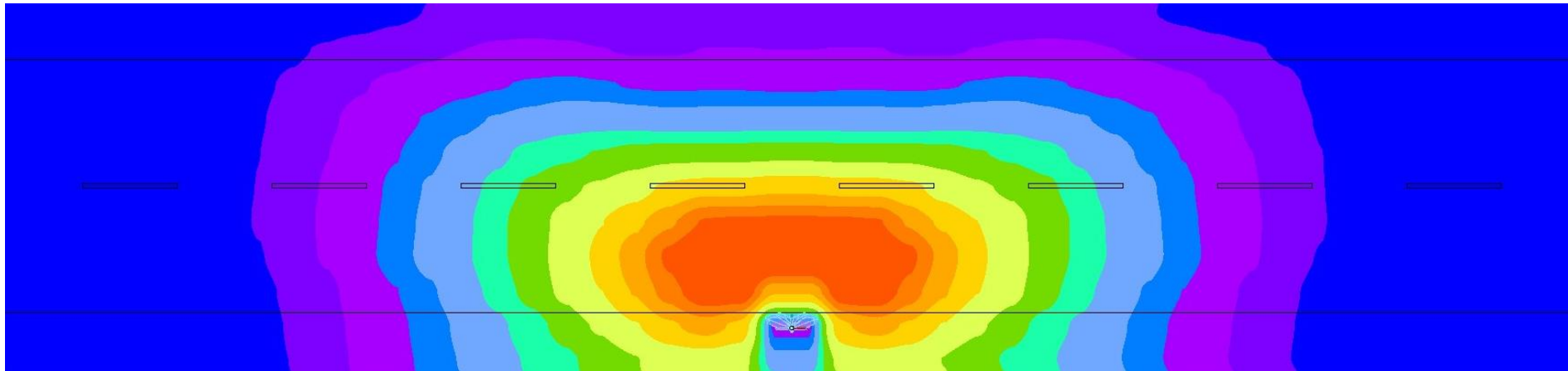
Pole Top Mounted Luminaires

ASY10



Light distribution:
Asymmetrical

Characteristic:
Développé pour l'éclairage conforme aux normes des rues,
chemins
et des places selon la norme DIN-EN 13201



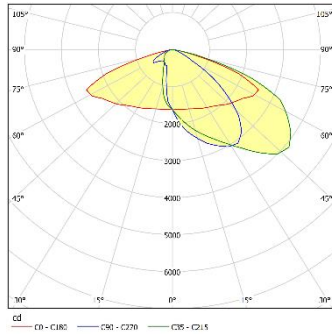
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

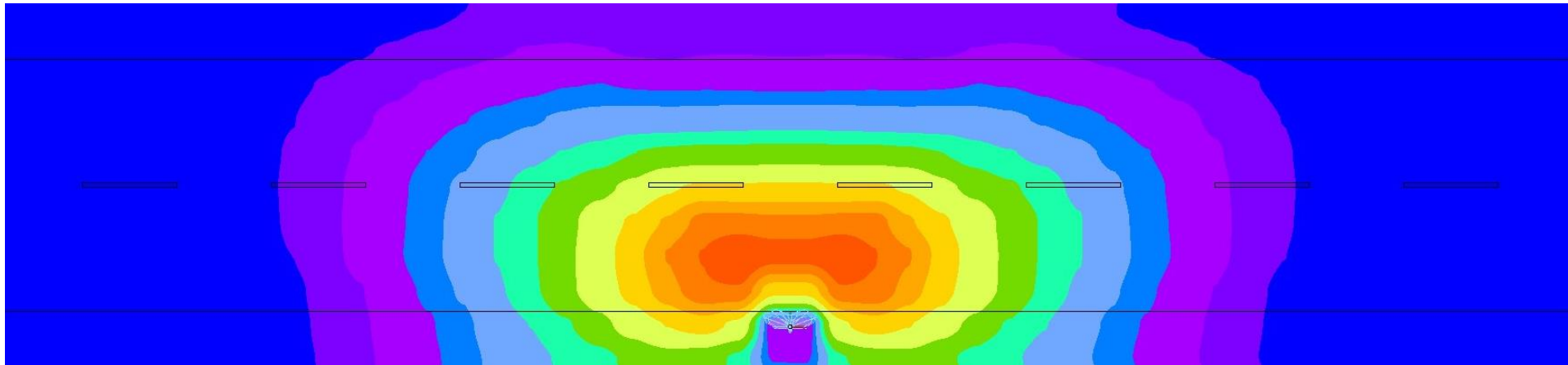
Pole Top Mounted Luminaires

ASY11

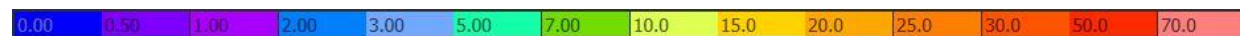


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



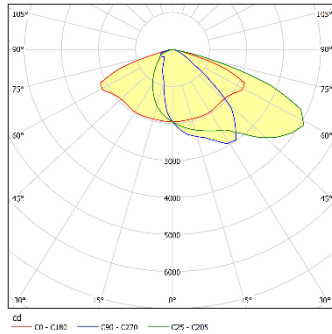
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTIKÜBERSICHT

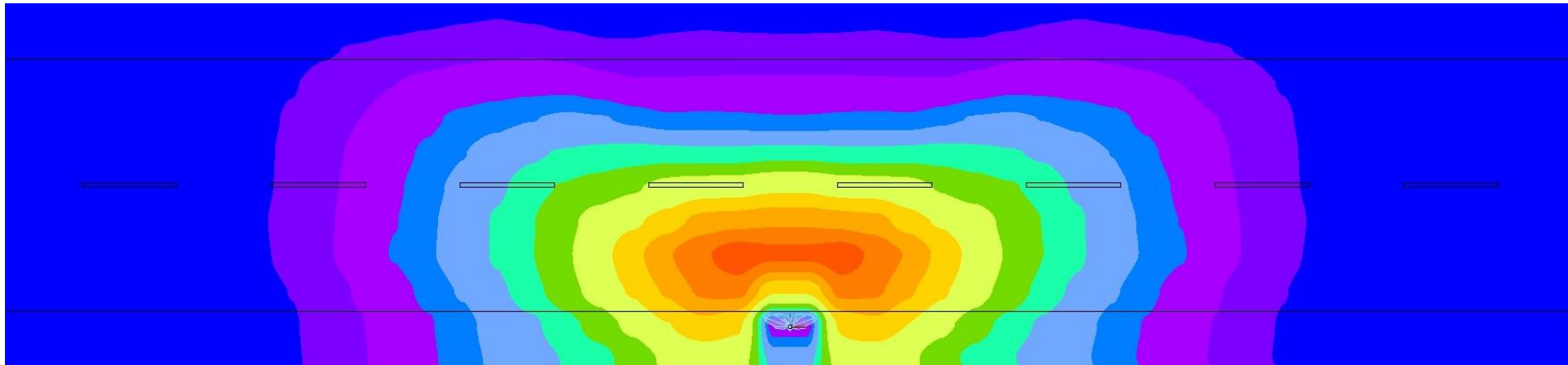
Pole Top Mounted Luminaires

ASY12

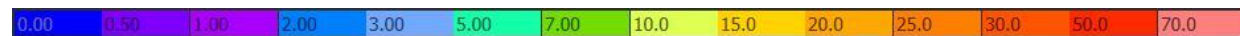


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



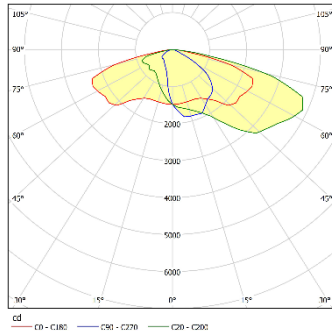
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

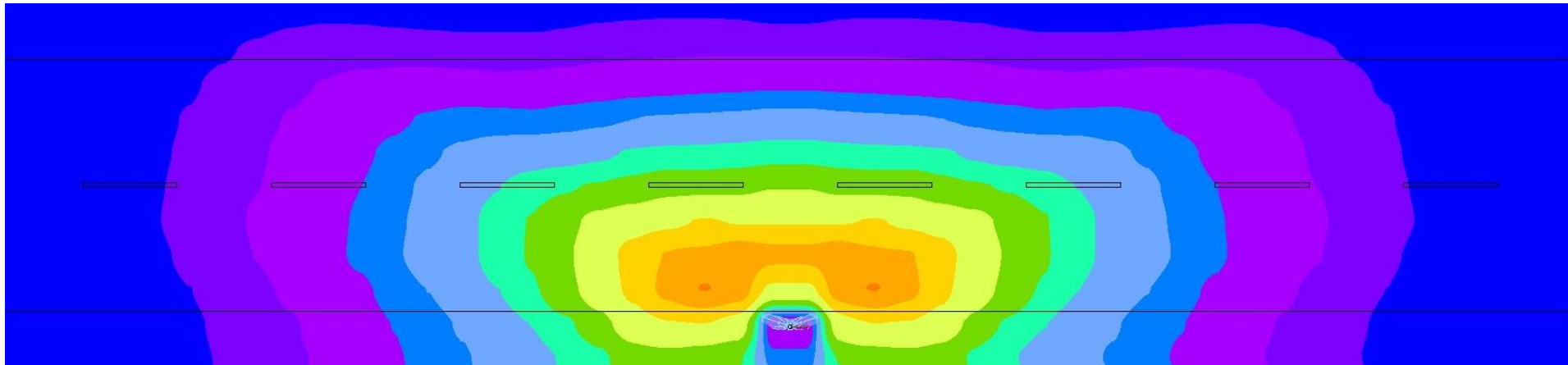
Pole Top Mounted Luminaires

ASY13

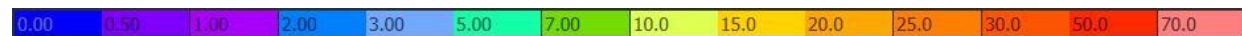


Light distribution:
Asymmetrical wide

Characteristic:
For main and residential road illumination



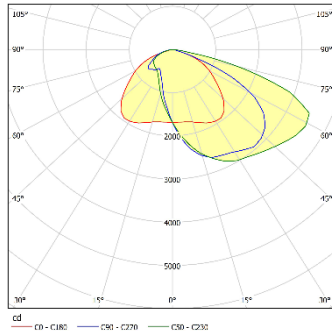
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

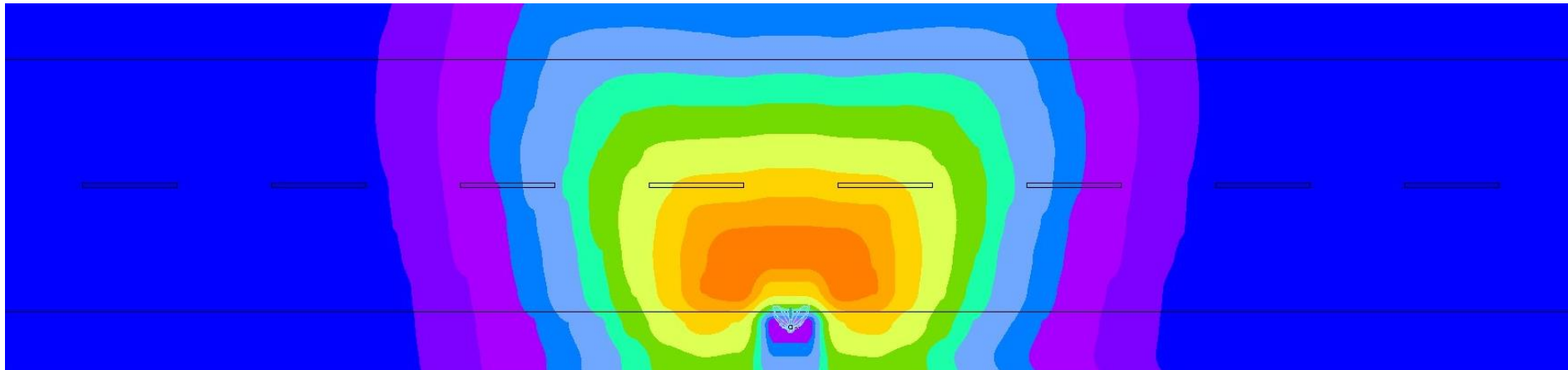
Pole Top Mounted Luminaires

ASY14

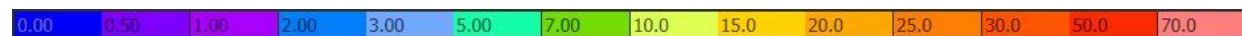


Light distribution:
Asymmetric narrow distribution

Characteristic:
For the illumination of storage areas



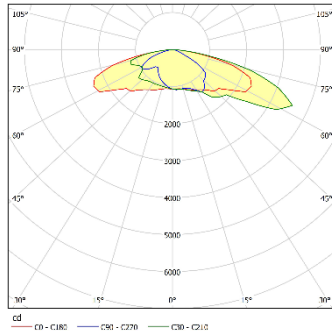
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

Pole Top Mounted Luminaires

ASY17



Light distribution:
Asymmetrical, ultra wide distribution

Characteristic:
For large-area emergency lighting



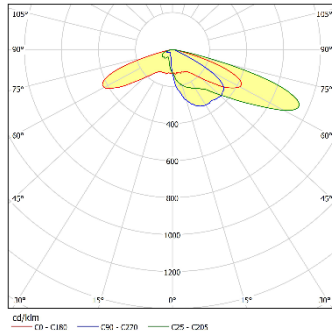
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

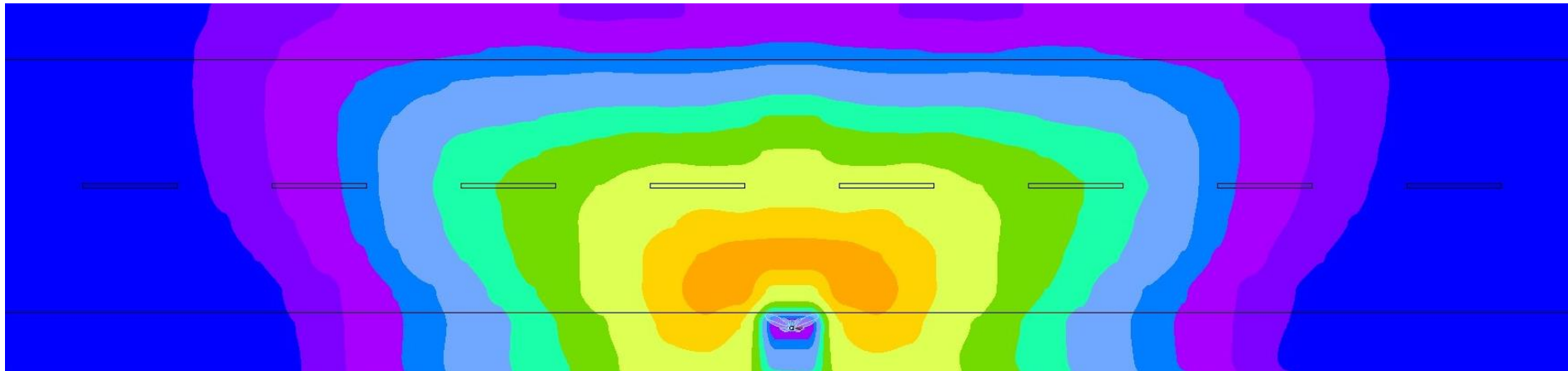
Pole Top Mounted Luminaires

ASY27



Light distribution:
Symmetrical, optimized for illuminance

Characteristic:
For main road illumination



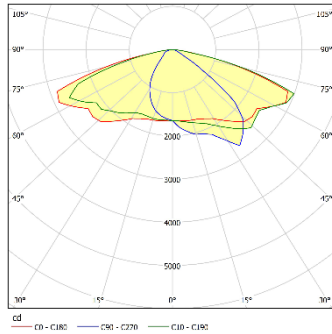
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

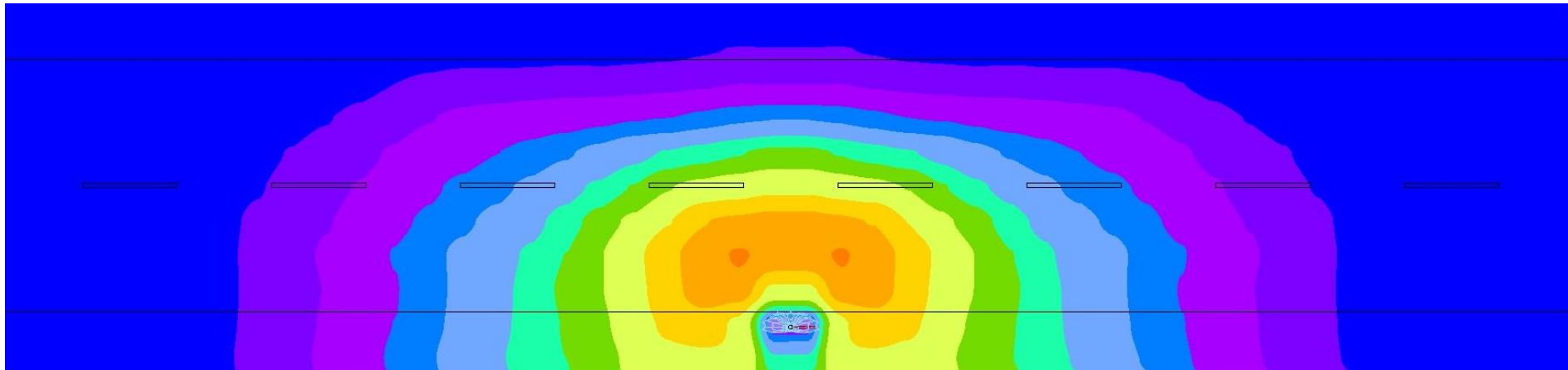
Pole Top Mounted Luminaires

ASY28

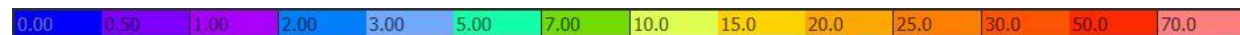


Light distribution:
Asymmetrical, optimized for uniformity

Characteristic:
For lighting main roads and residential streets



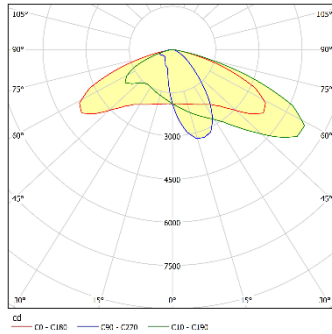
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

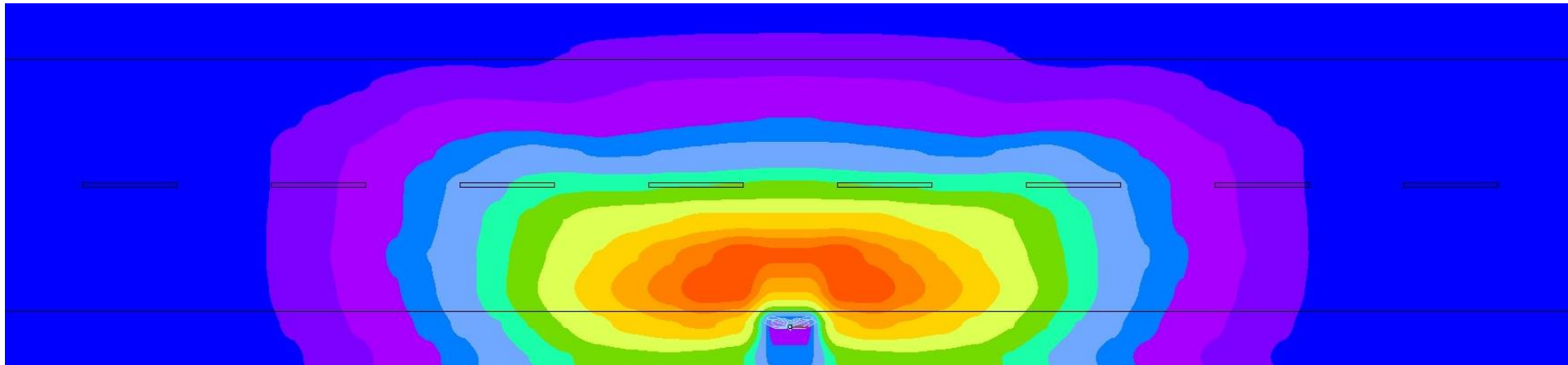
Pole Top Mounted Luminaires

ASY30

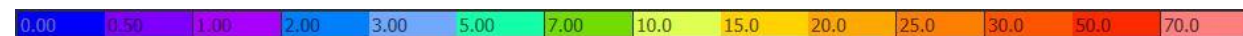


Light distribution:
Asymmetrical, optimized for luminance

Characteristic:
For main road illumination



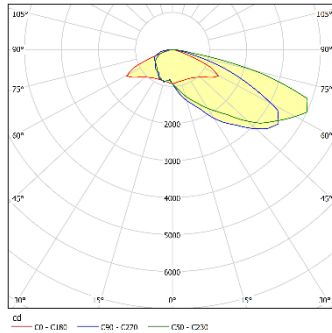
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

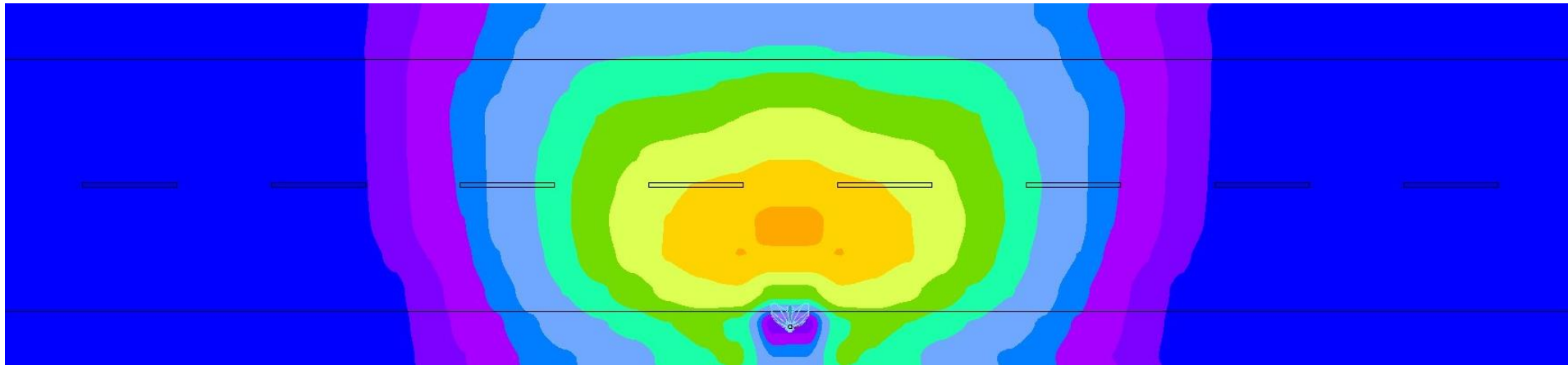
Pole Top Mounted Luminaires

ASY32

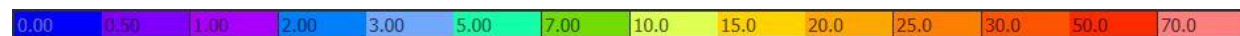


Light distribution:
Asymmetric extra narrow distribution

Characteristic:
For e.g. parking space illumination



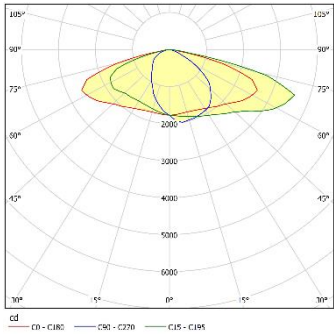
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

Pole Top Mounted Luminaires

ASY33

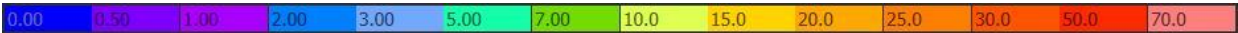


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For illumination of main roads and residential streets



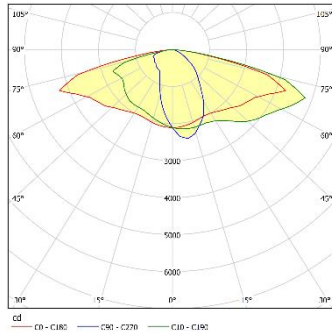
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

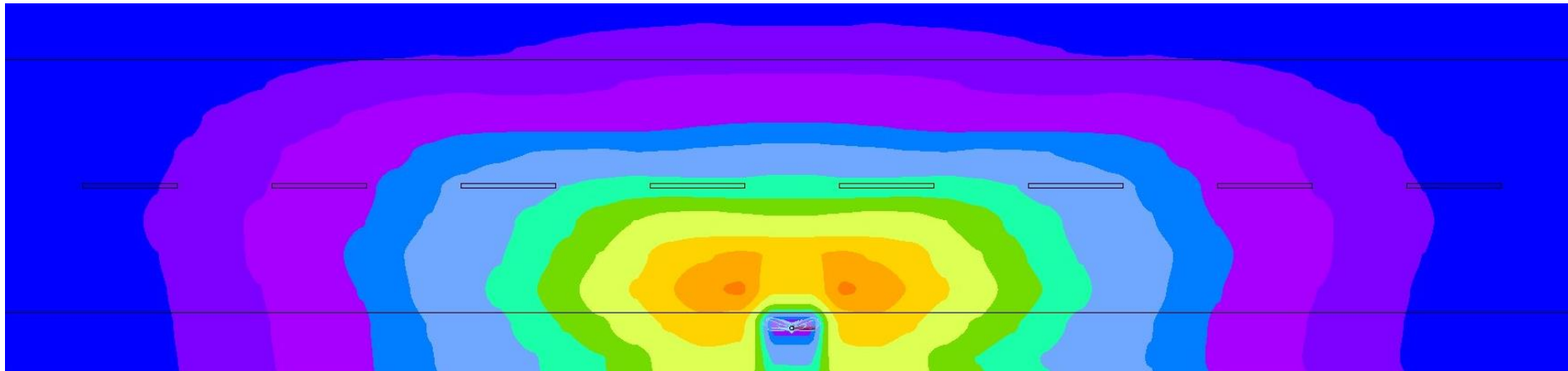
Pole Top Mounted Luminaires

ASY34

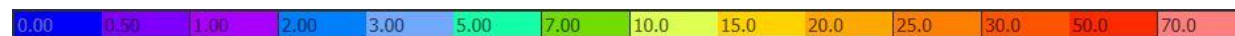


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



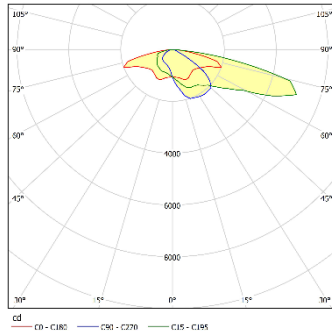
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

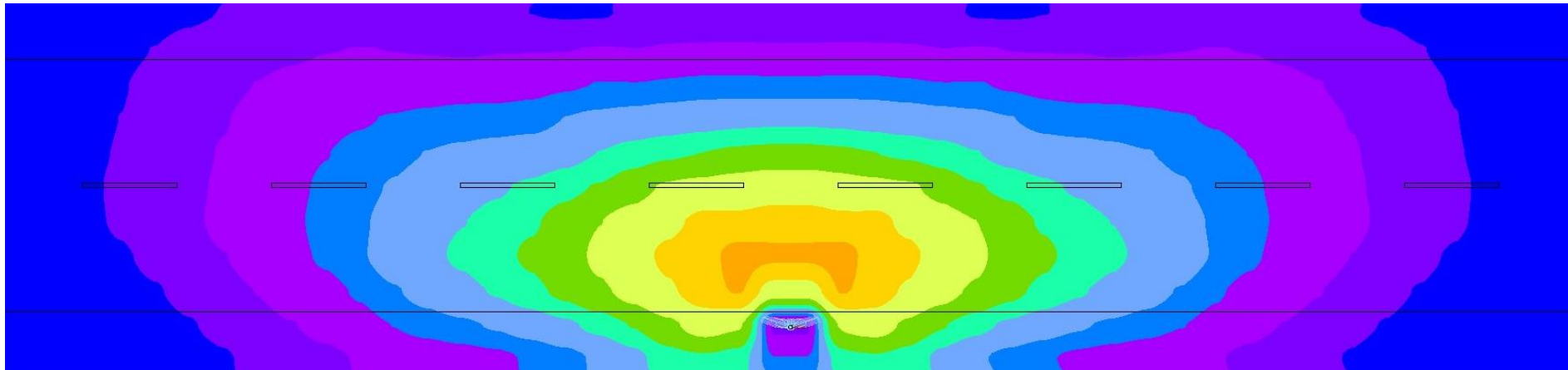
Pole Top Mounted Luminaires

ASY35

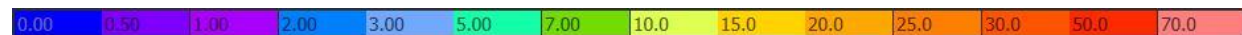


Light distribution:
Asymmetrical, extra wide distribution

Characteristic:
For illumination of main roads and residential streets



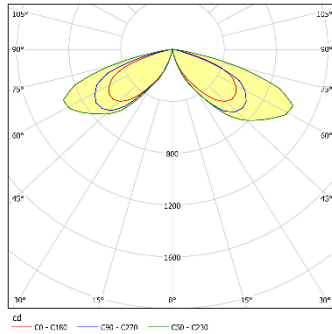
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

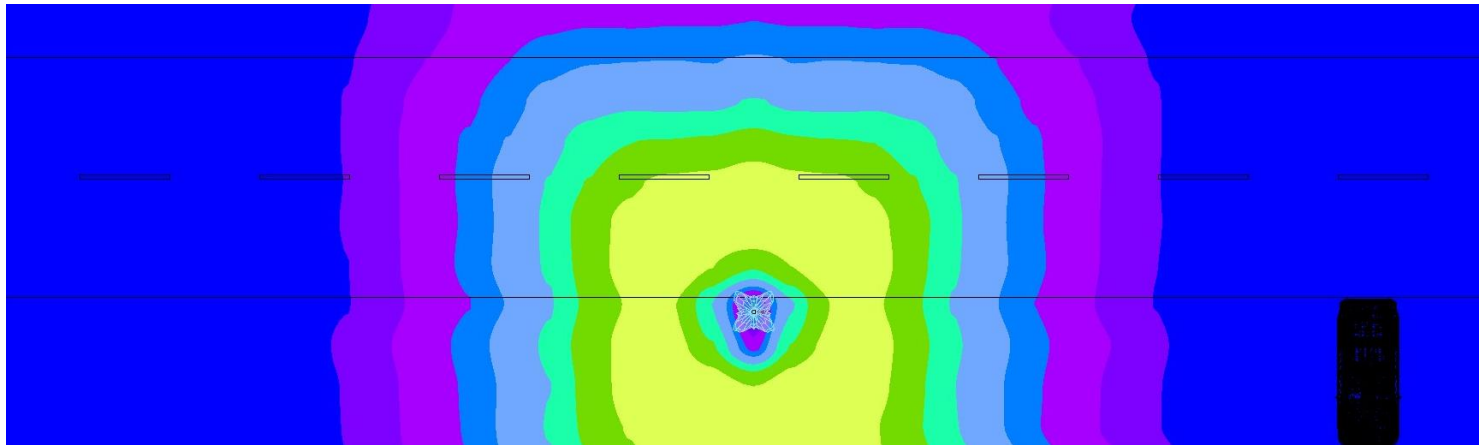
Pole Top Mounted Luminaires

CIRo6

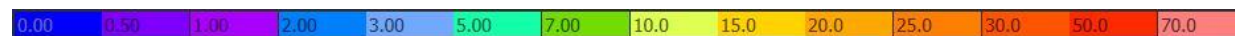


Light distribution:
Rotationally symmetrical, extra wide square

Characteristic:
For illumination of paths



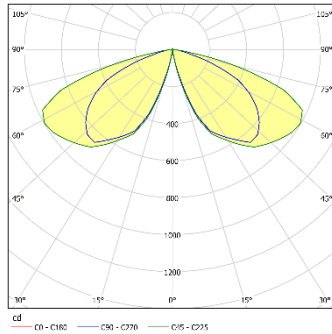
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

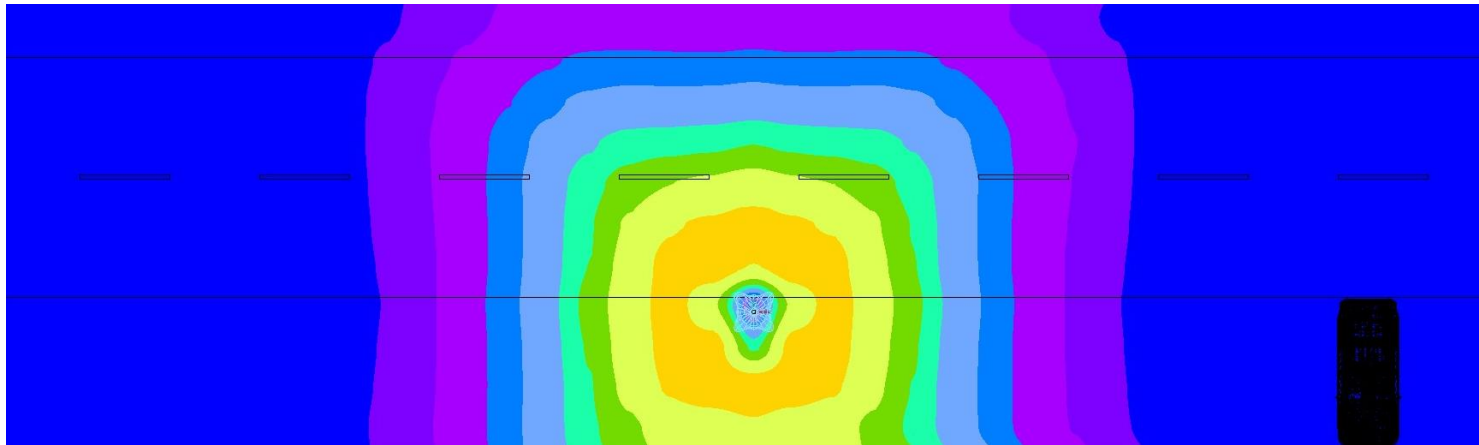
Pole Top Mounted Luminaires

M4

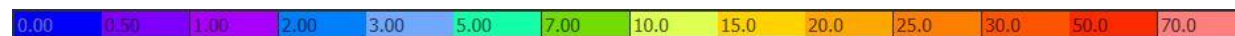


Light distribution:
Rotationally symmetrical, square

Characteristic:
For illumination of paths



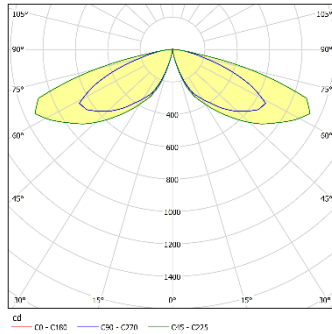
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

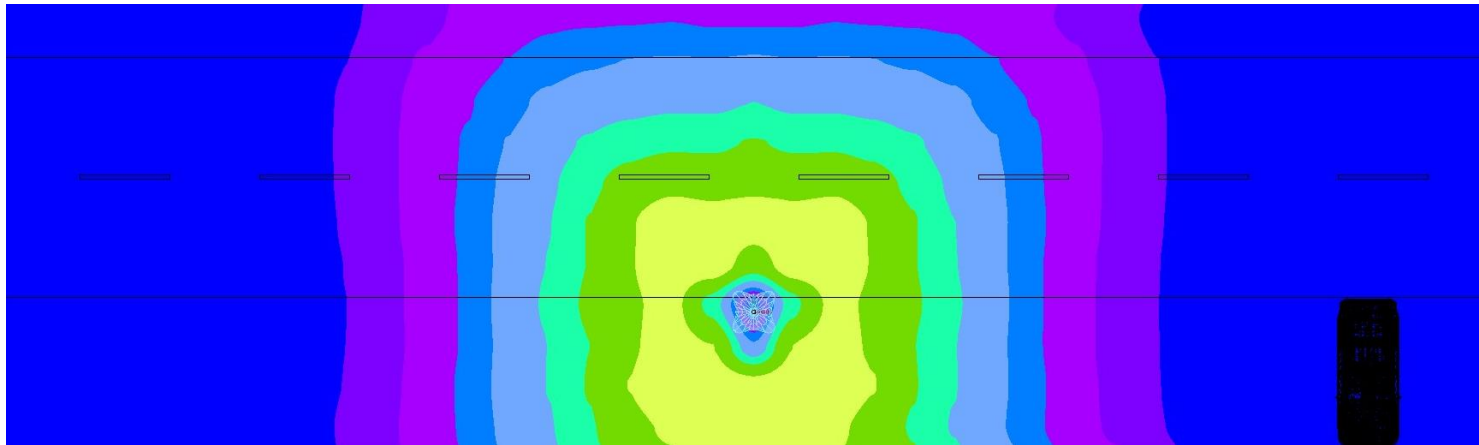
Pole Top Mounted Luminaires

M5

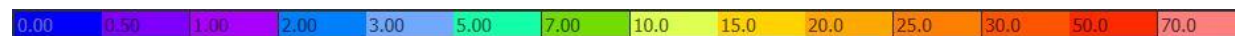


Light distribution:
Rotationally symmetrical, wide square

Characteristic:
For illumination of paths



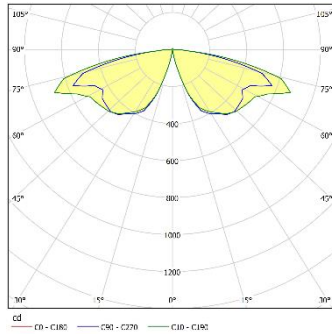
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

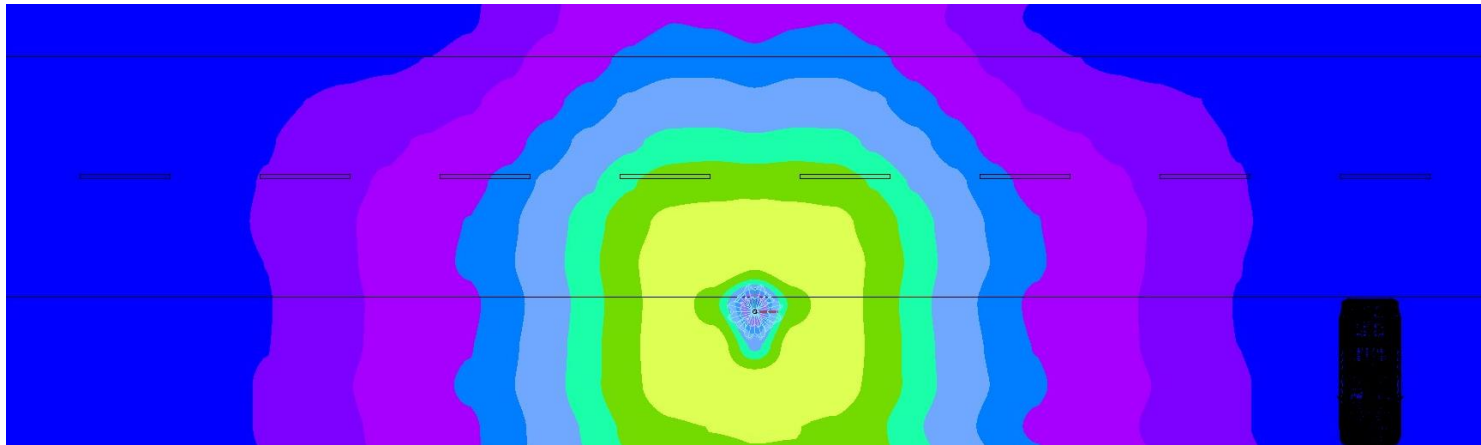
Pole Top Mounted Luminaires

M6

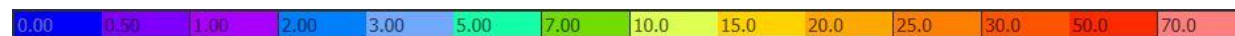


Light distribution:
Rotationally symmetrical, extra wide square

Characteristic:
For illumination of paths



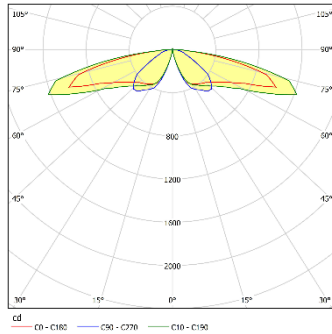
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

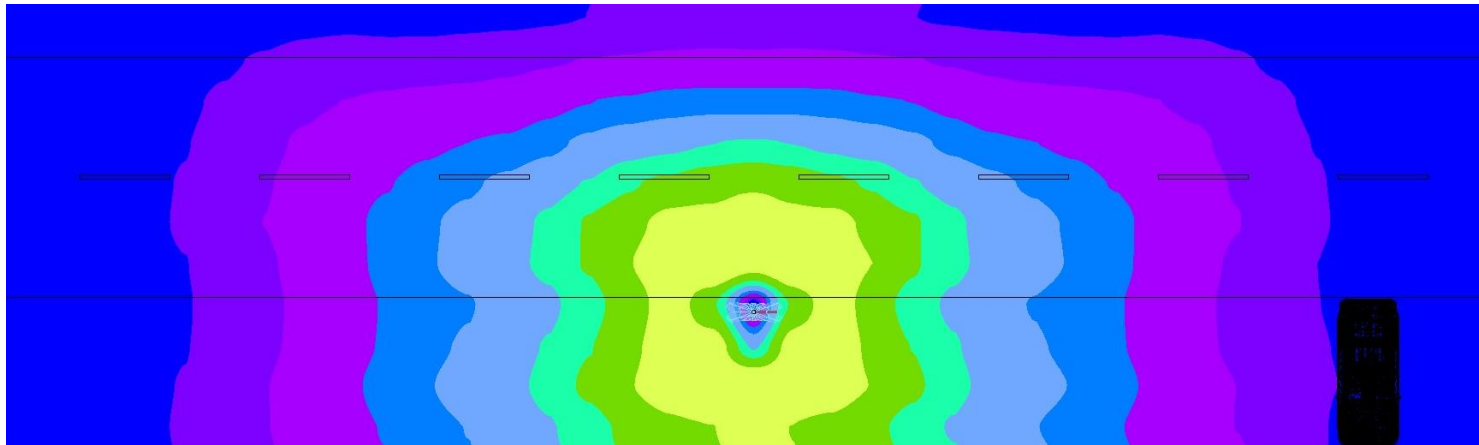
Pole Top Mounted Luminaires

M7



Light distribution:
Axially symmetrical, extra wide beam

Characteristic:
For main road or pedestrian zone illumination



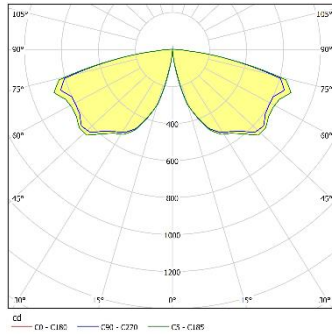
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

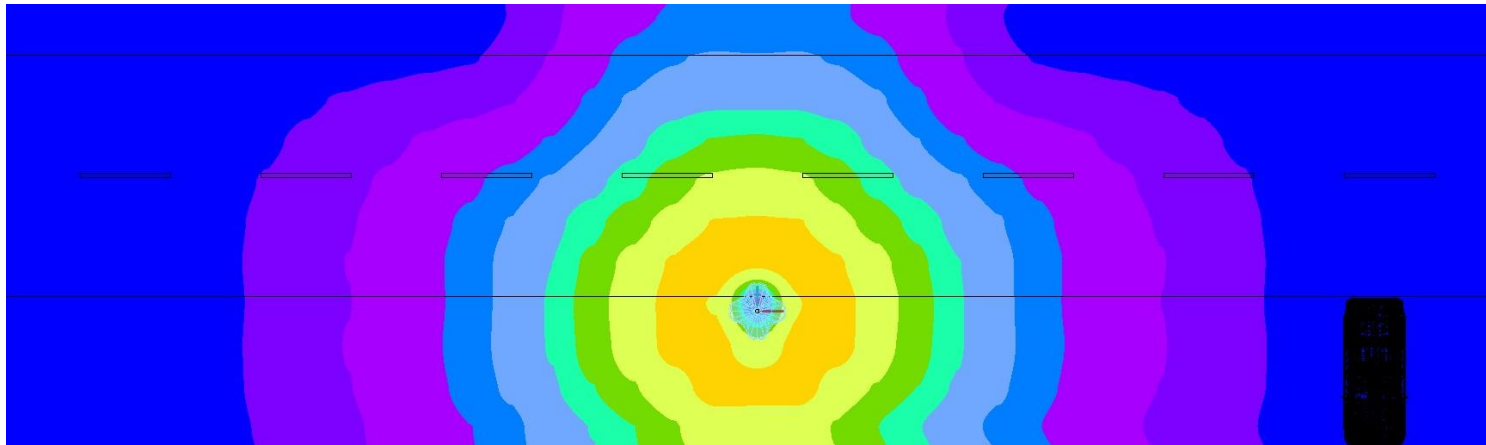
Pole Top Mounted Luminaires

M8

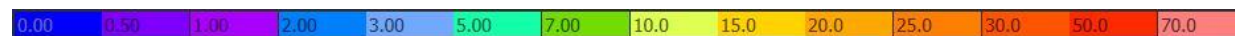


Light distribution:
Rotationally symmetric

Characteristic:
For place illumination



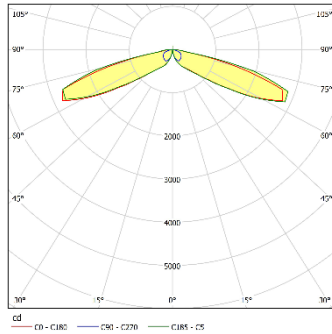
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

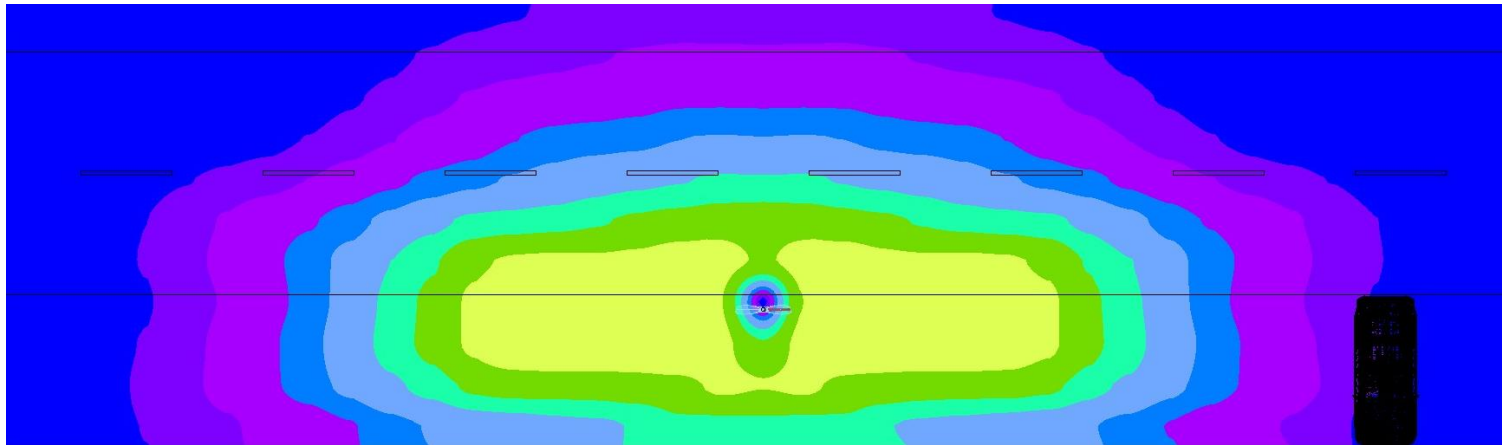
Pole Top Mounted Luminaires

SYM02

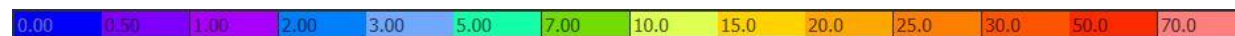


Light distribution:
Axially symmetric wide

Characteristic:
For illumination of paths



Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



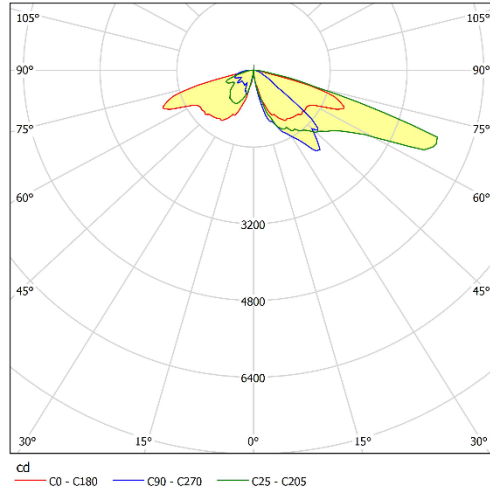
ILLUMINATING COLUMNS

(CITY ELEMENTS AR & AA ELEMENTS)

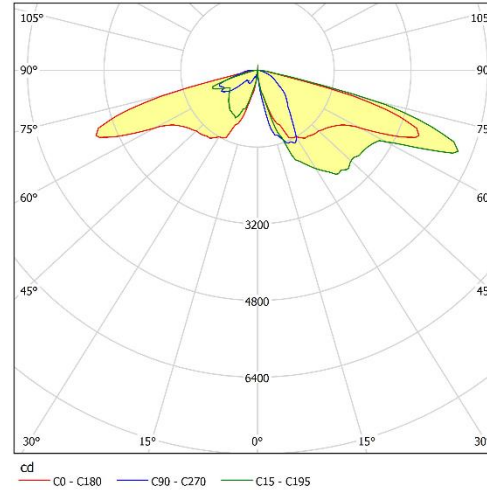
OPTICS OVERVIEW

Illuminating columns (CITY ELEMENTS AR elements HP variants)

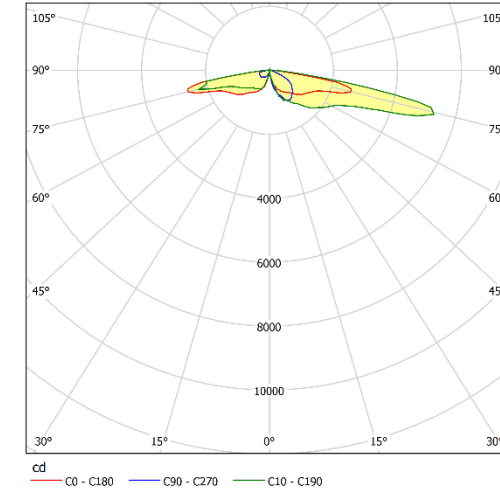
ASY23 (equals O3 HP)



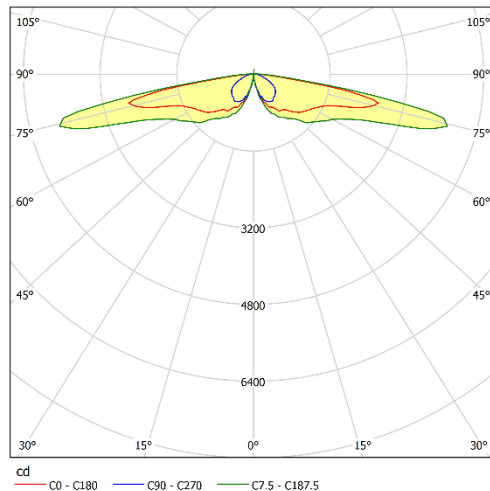
ASY36 (equals O1 HP)



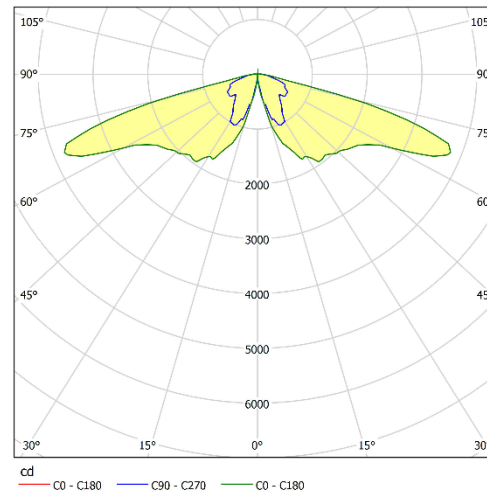
ASY38 (equals O7 HP)



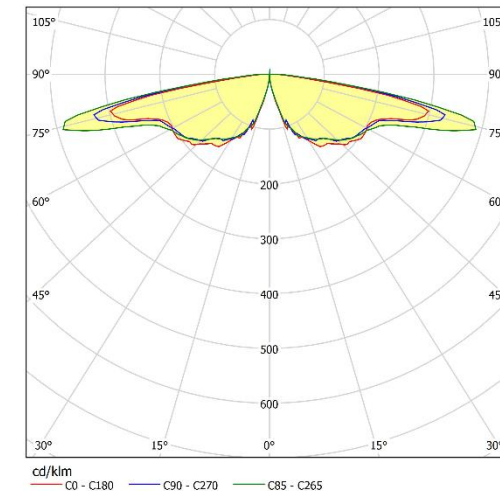
M11 (equals O9 HP)



M12 (equals O10 HP)



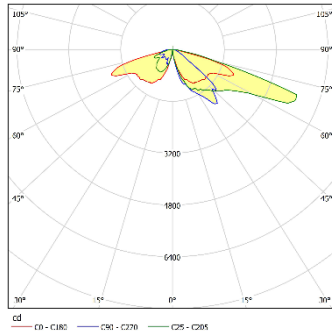
M13 (equals O8 HP)



OPTICS OVERVIEW

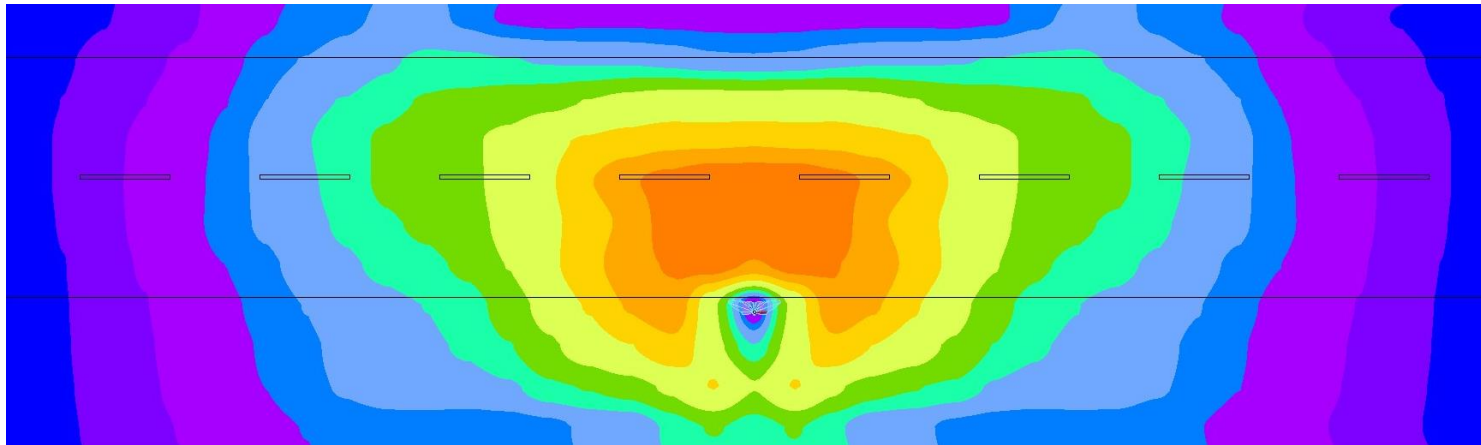
Illuminating columns (CITY ELEMENTS AR elements HP variants)

ASY23

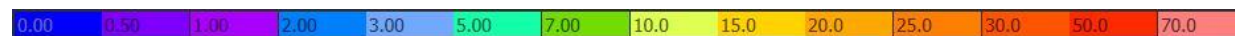


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



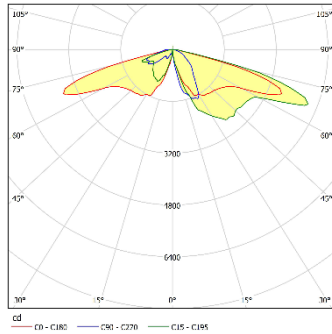
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

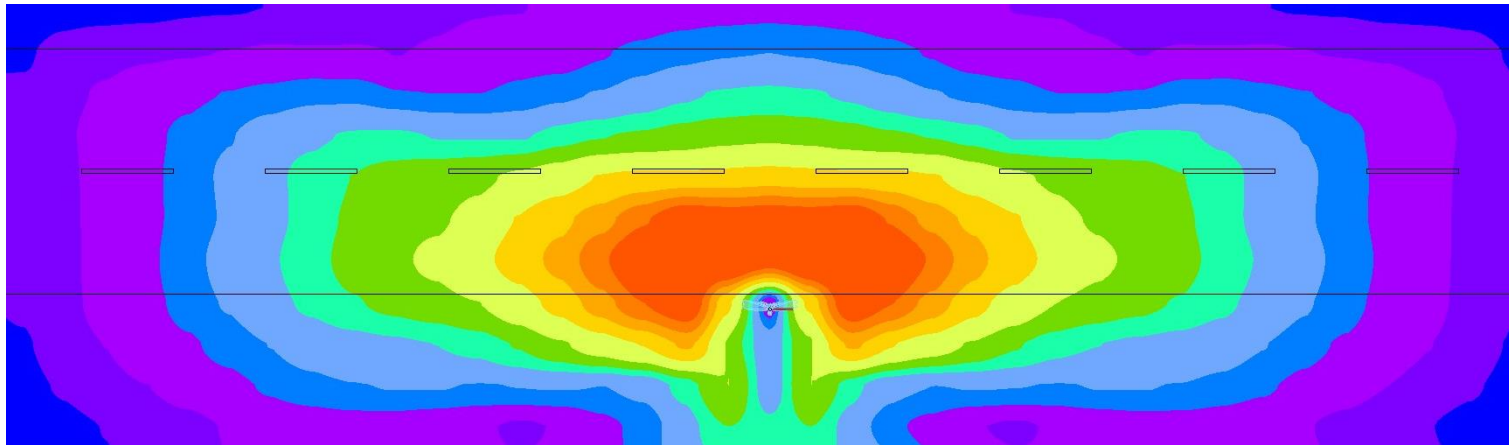
Illuminating columns (CITY ELEMENTS AR elements HP variants)

ASY36



Light distribution:
Asymmetrical, optimized for luminance

Characteristic:
For main road illumination



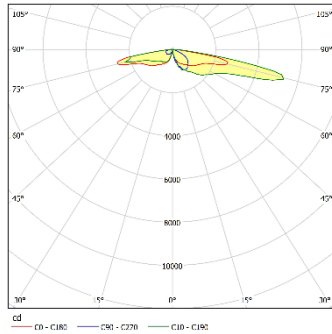
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

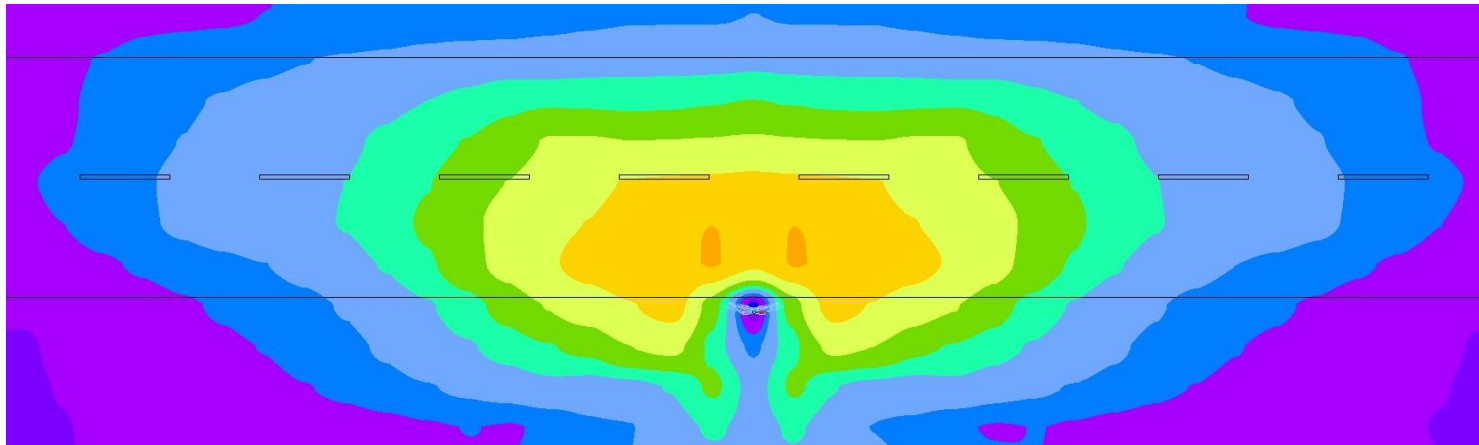
Illuminating columns (CITY ELEMENTS AR elements HP variants)

ASY38



Light distribution:
Asymmetrical wide

Characteristic:
For main and residential road illumination



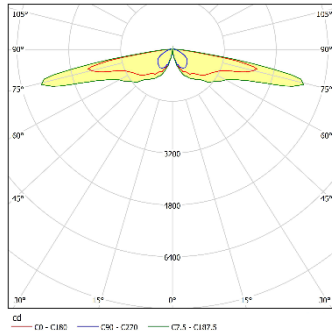
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

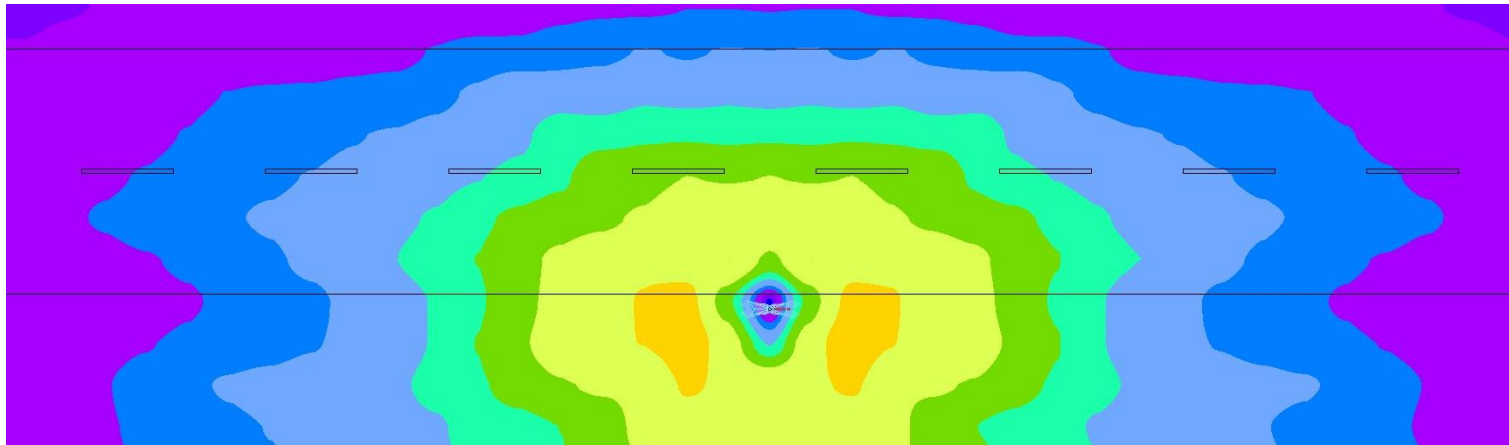
Illuminating columns (CITY ELEMENTS AR elements HP variants)

M11



Light distribution:
Axially symmetrical

Characteristic:
For main road or pedestrian zone illumination



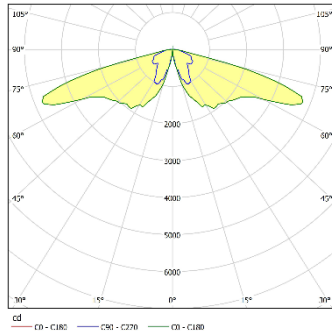
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

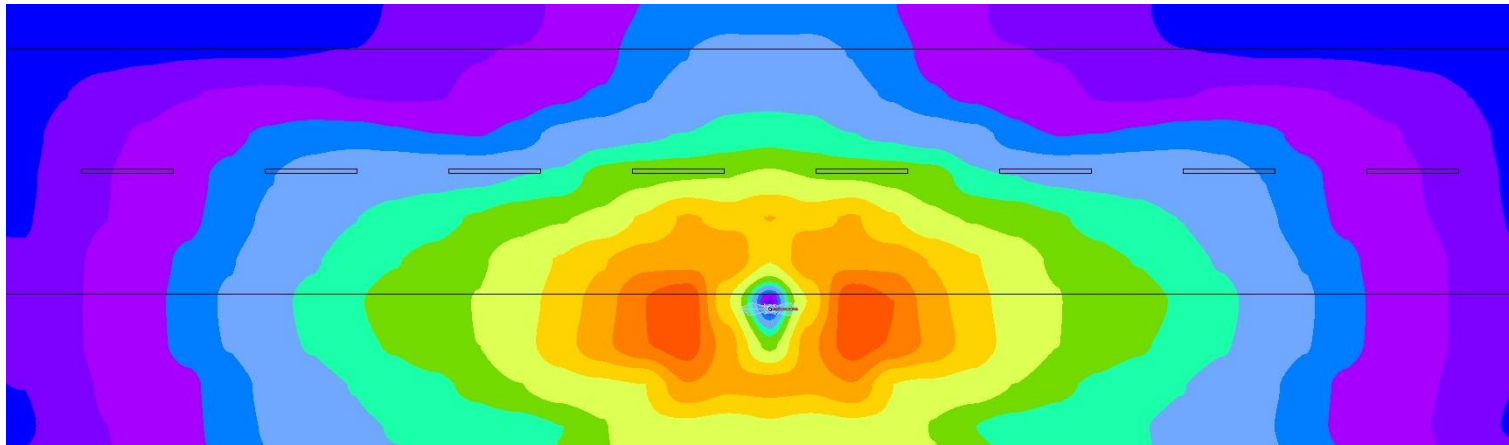
Illuminating columns (CITY ELEMENTS AR elements HP variants)

M12



Light distribution:
Axially symmetric wide

Characteristic:
For main road illumination



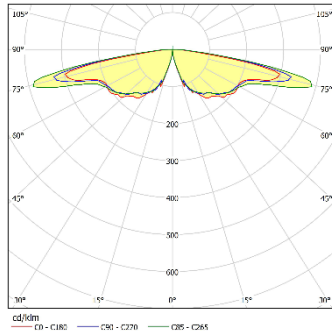
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

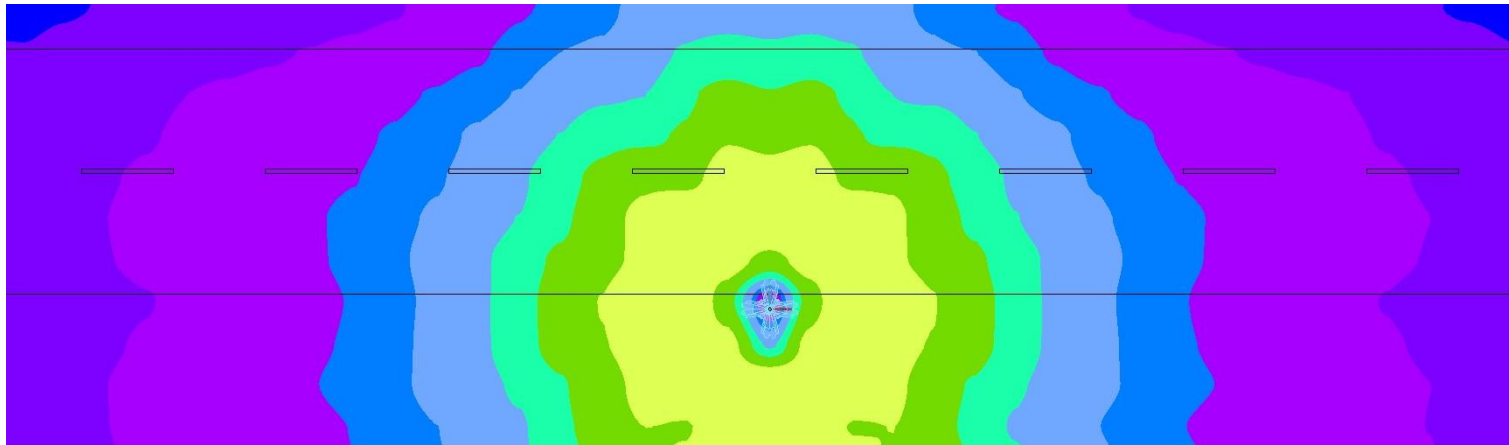
Illuminating columns (CITY ELEMENTS AR elements HP variants)

M13

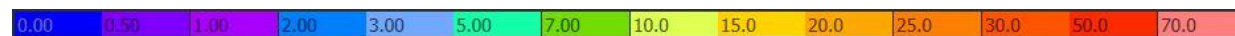


Light distribution:
Rotationally symmetric

Characteristic:
For place illumination



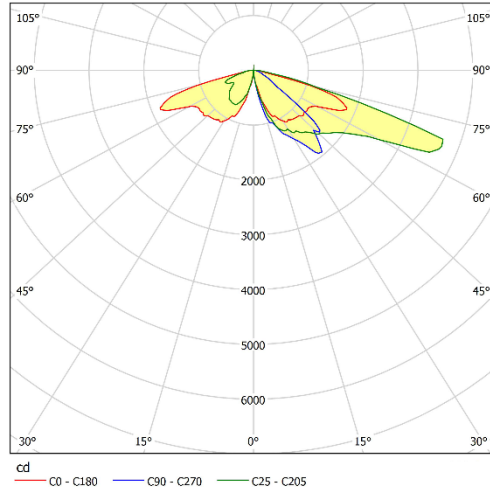
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



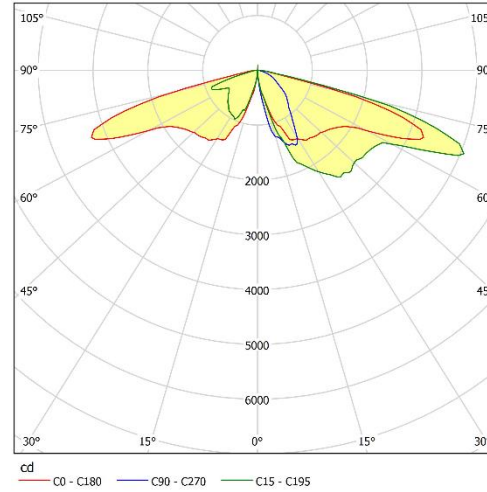
OPTICS OVERVIEW

Illuminating columns (CITY ELEMENTS AA elements HP variants)

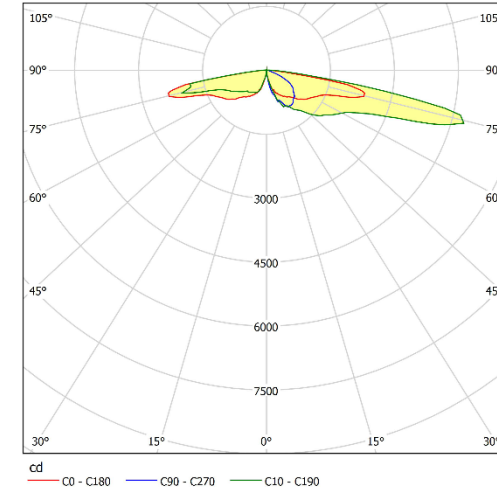
ASY23 (equals O3 HP)



ASY36 (equals O1 HP)



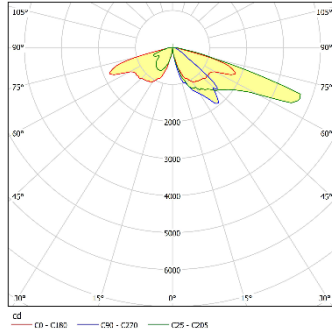
ASY38 (equals O7 HP)



OPTICS OVERVIEW

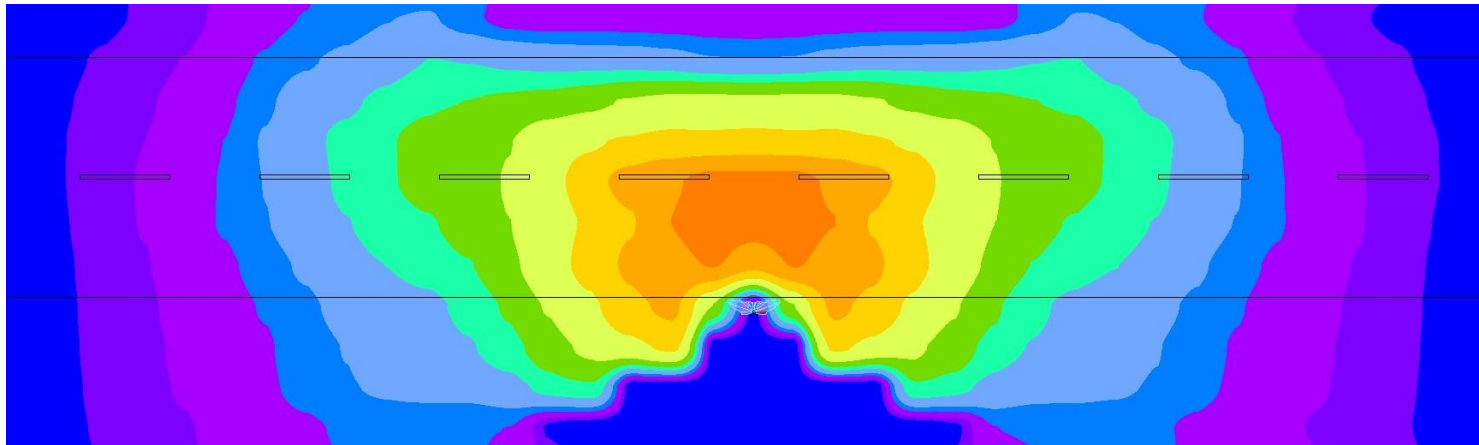
Illuminating columns (CITY ELEMENTS AA elements HP variants)

ASY23



Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



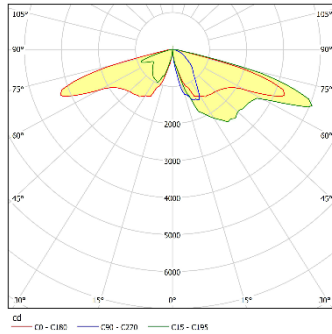
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

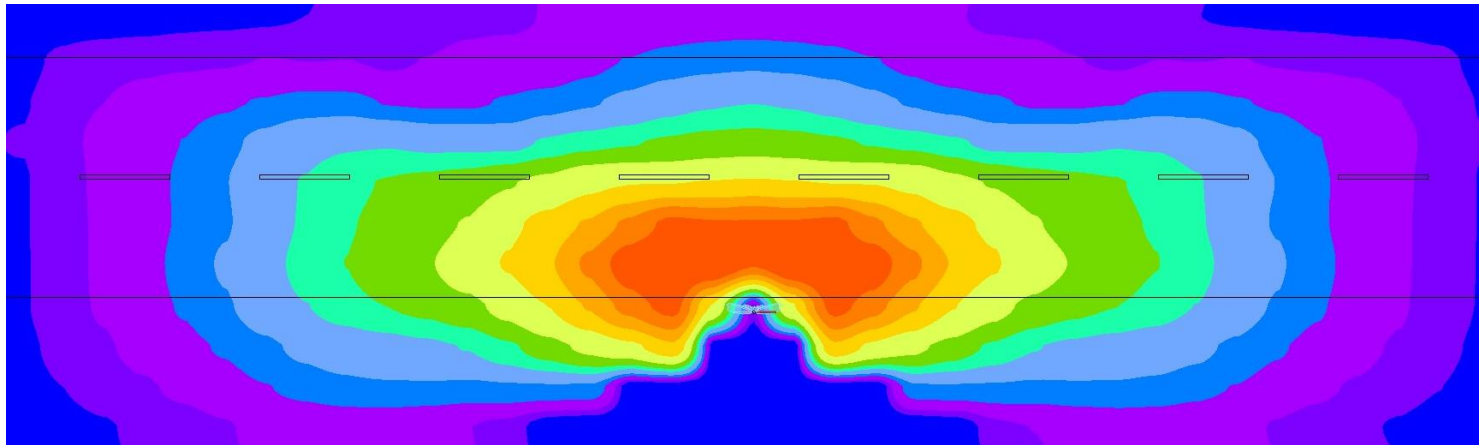
Illuminating columns (CITY ELEMENTS AA elements HP variants)

ASY36

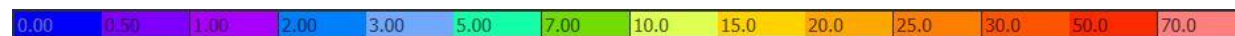


Light distribution:
Asymmetrical, optimized for luminance

Characteristic:
For main road illumination



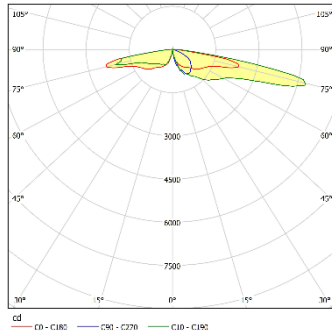
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

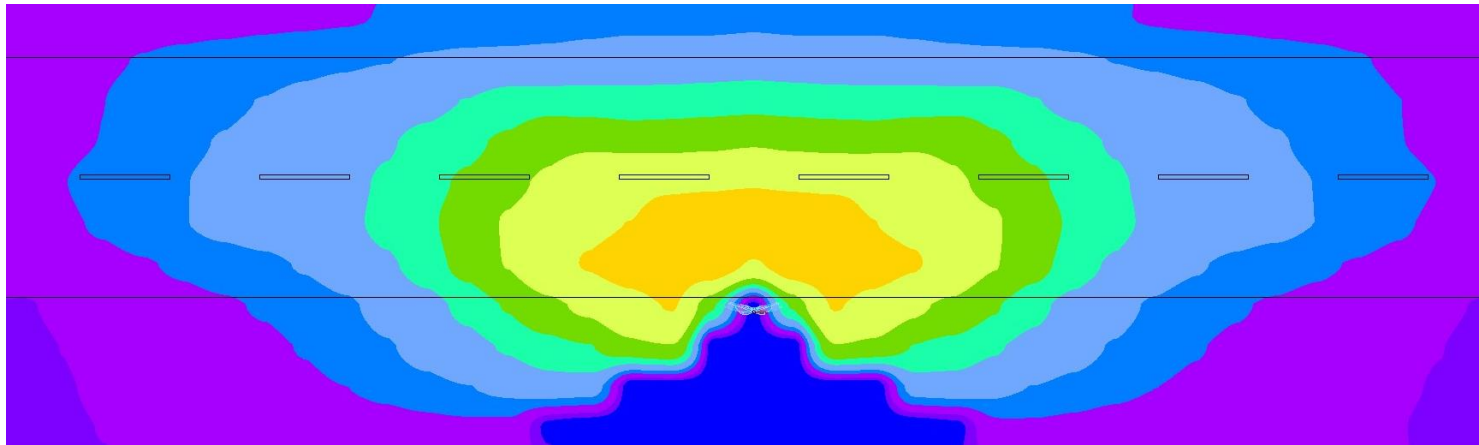
Illuminating columns (CITY ELEMENTS AA elements HP variants)

ASY₃₈



Light distribution:
Asymmetrical wide

Characteristic:
For main and residential road illumination



Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m

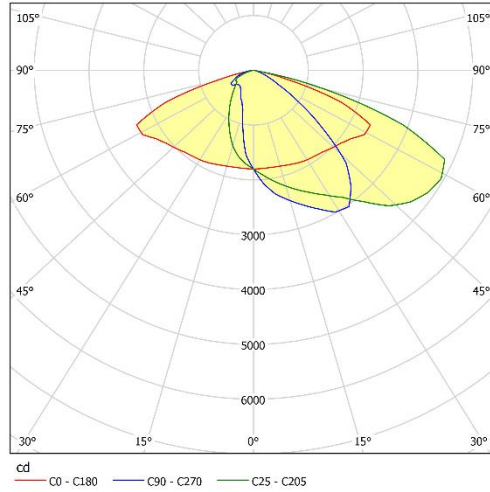


BRACKET MOUNTED LUMINAIRES

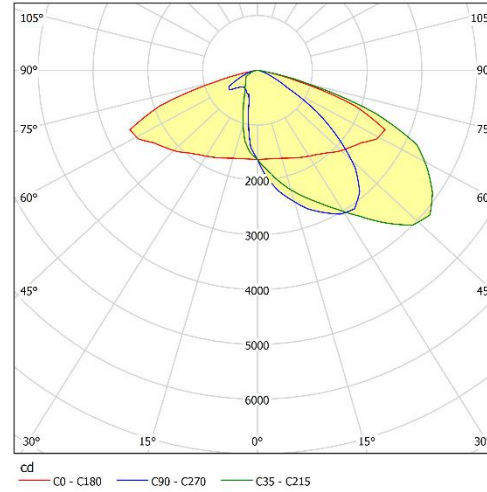
OPTICS OVERVIEW

Bracket Mounted Luminaires

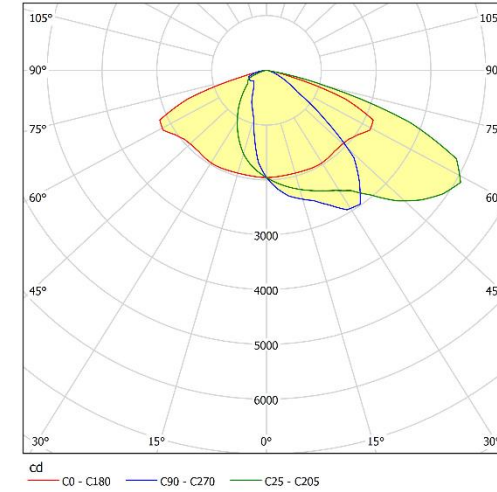
ASY10 (equals M3)



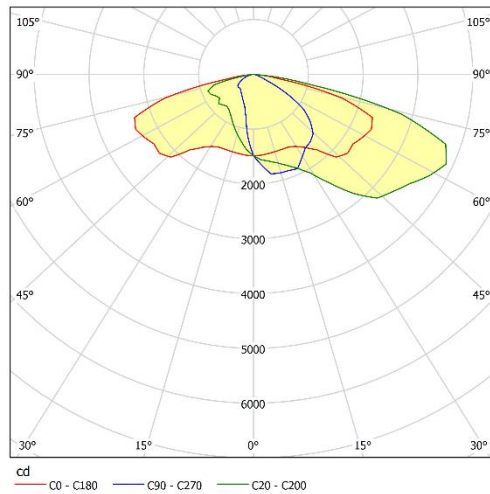
ASY11 (equals O2)



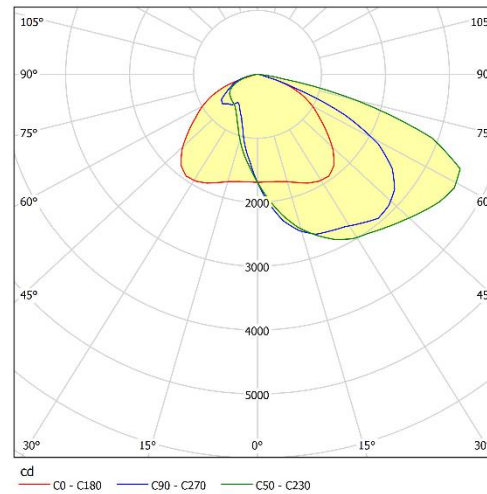
ASY12 (equals O3)



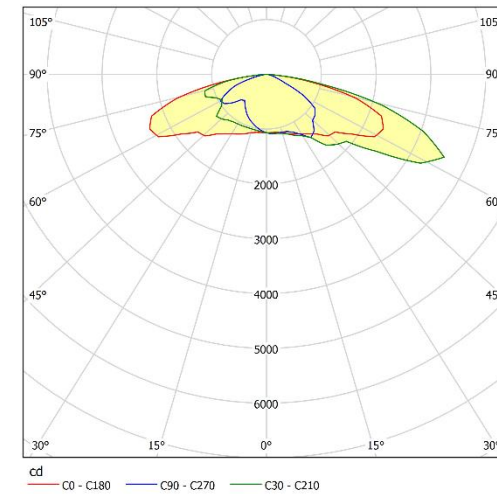
ASY13 (equals O7)



ASY14 (equals O14)



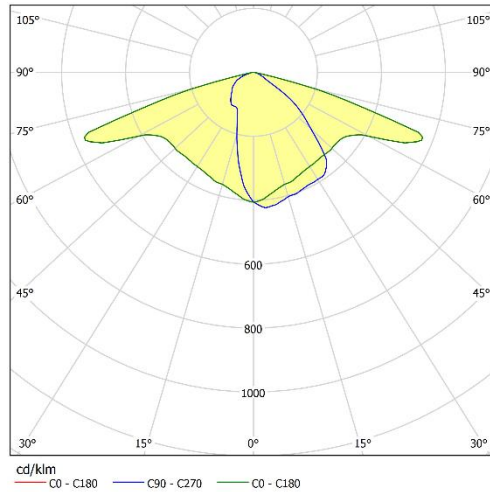
ASY17 (equals O22)



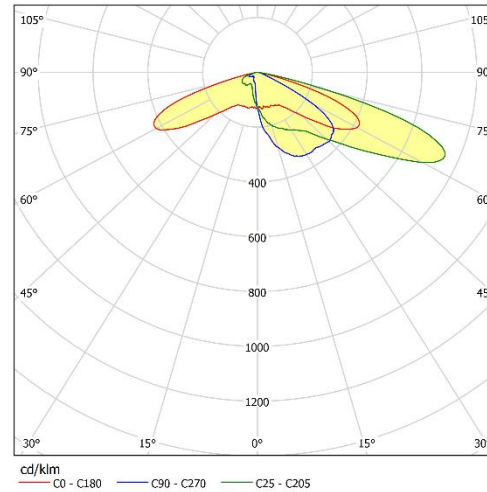
OPTICS OVERVIEW

Bracket Mounted Luminaires

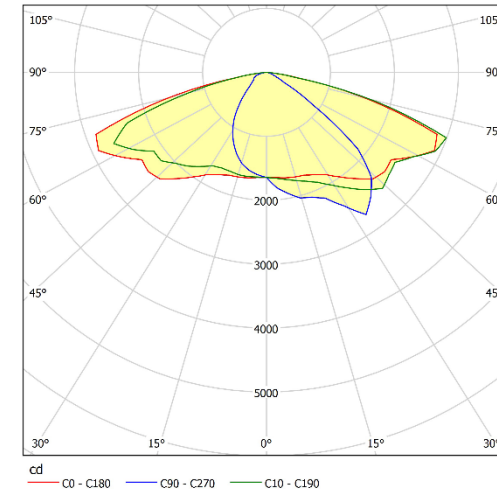
ASY26



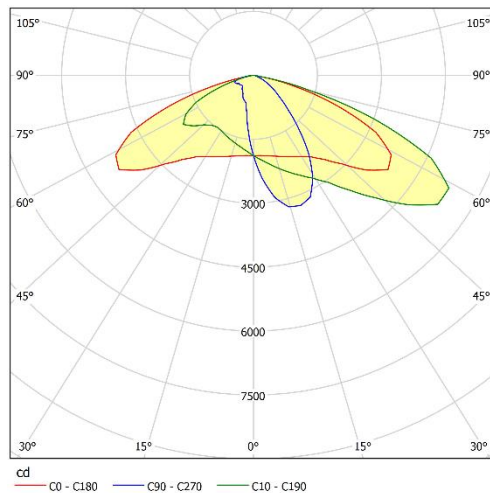
ASY27



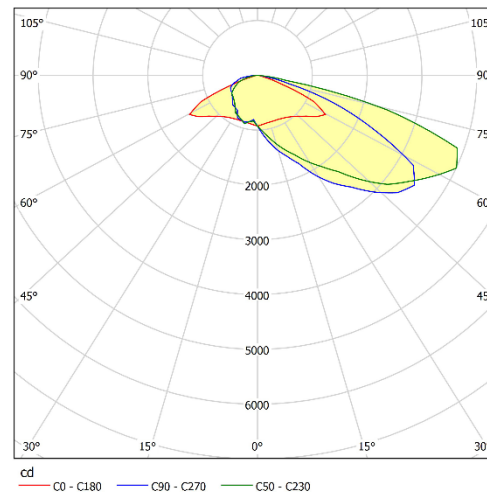
ASY28 (equals O28)



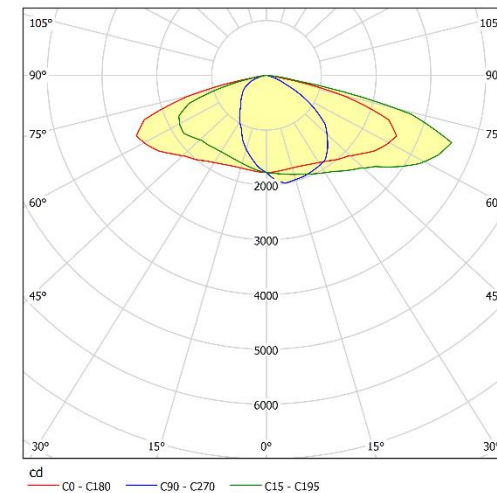
ASY30 (equals O1)



ASY32 (equals O24)



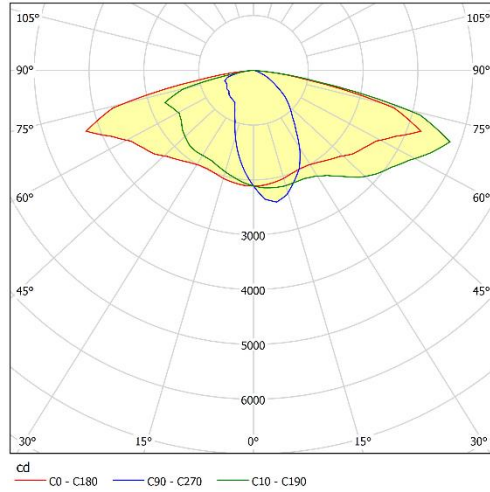
ASY33 (equals O25)



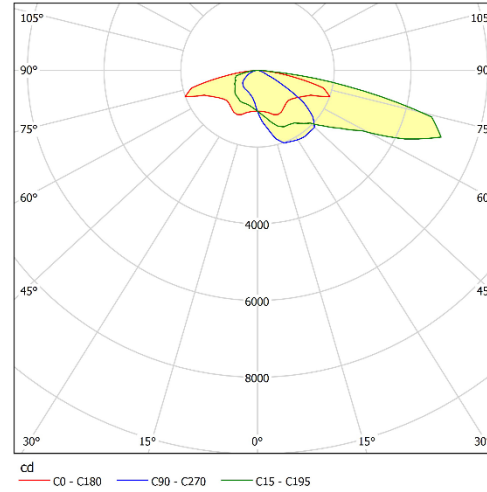
OPTICS OVERVIEW

Bracket Mounted Luminaires

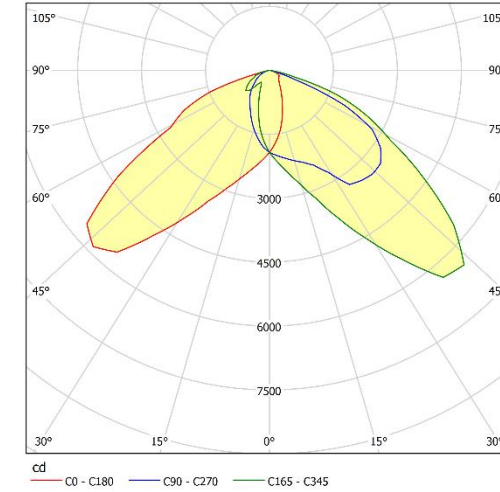
ASY34 (equals O26)



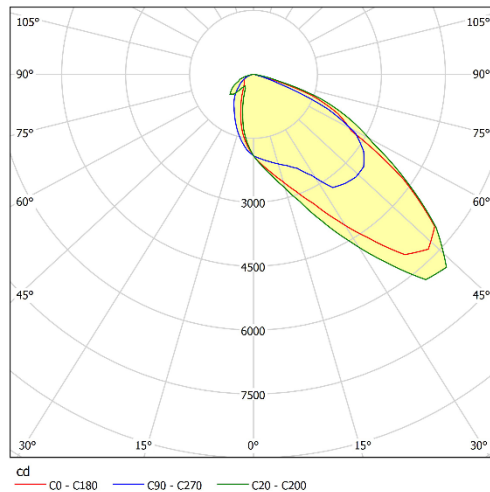
ASY35 (equals O27)



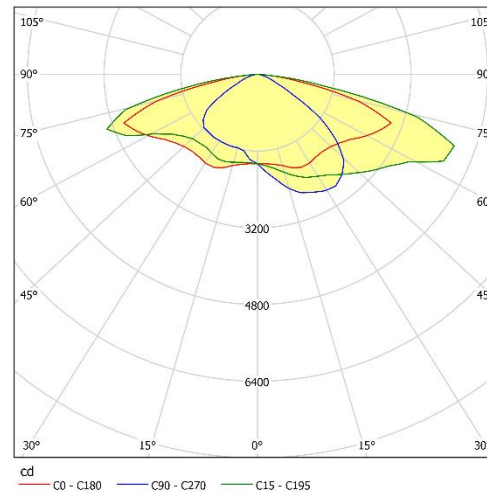
PC02L (equals O6L)



PC02R (equals O6R)



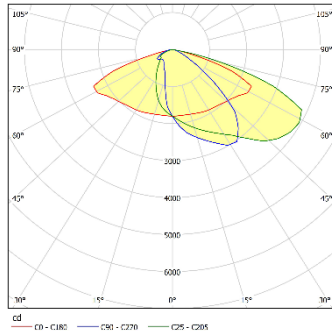
M2



OPTICS OVERVIEW

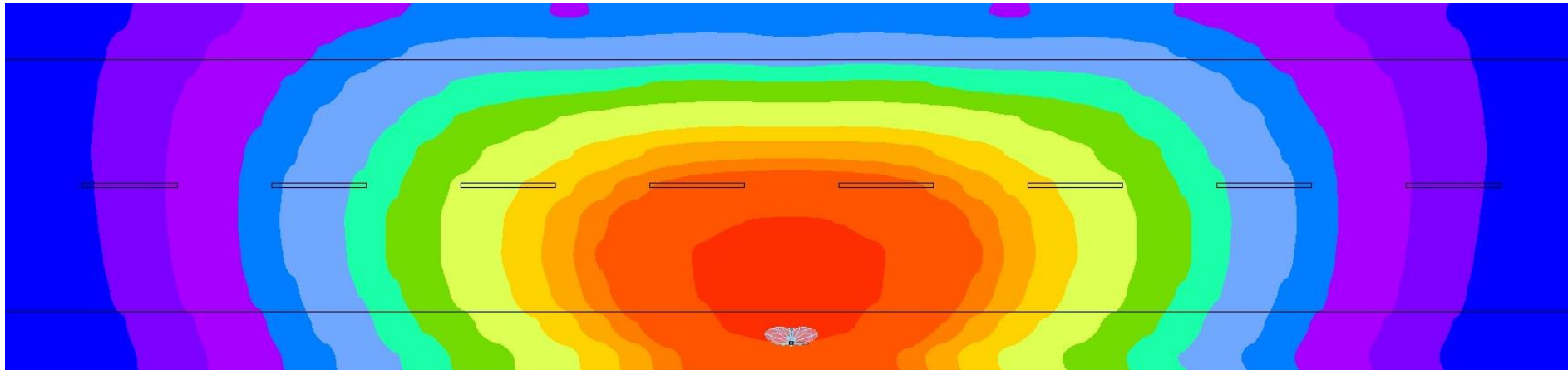
Bracket Mounted Luminaires

ASY10



Light distribution:
Asymmetrical

Characteristic:
Developed for the standard-compliant illumination of roads, paths and squares in accordance with DIN-EN 13201



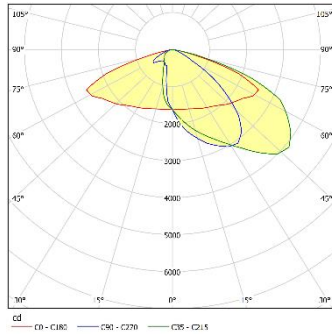
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

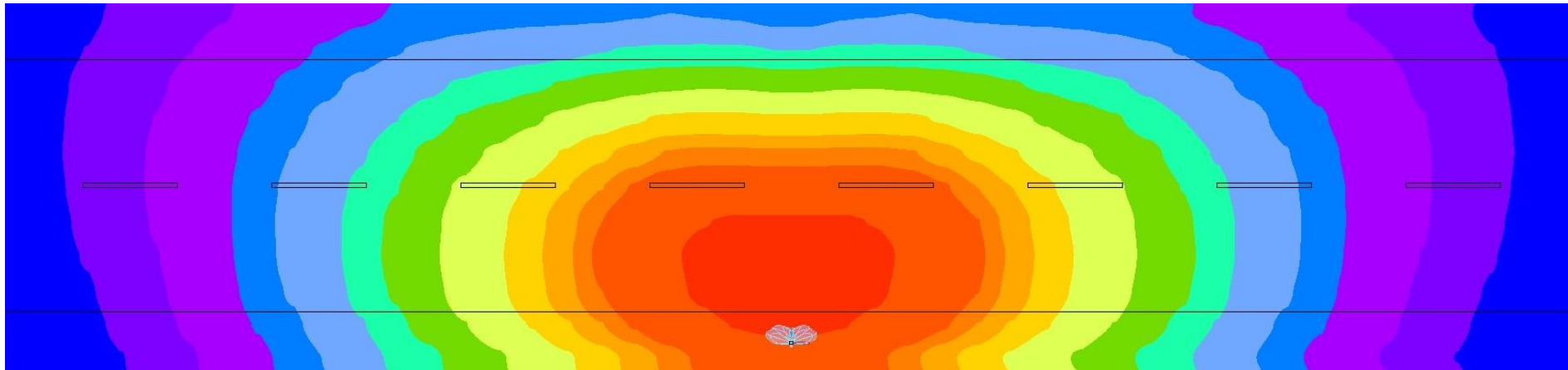
Bracket Mounted Luminaires

ASY11



Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



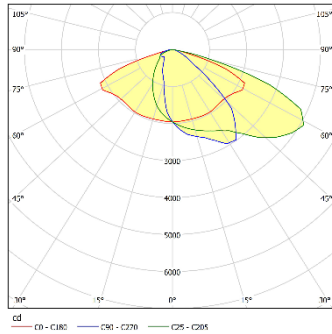
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

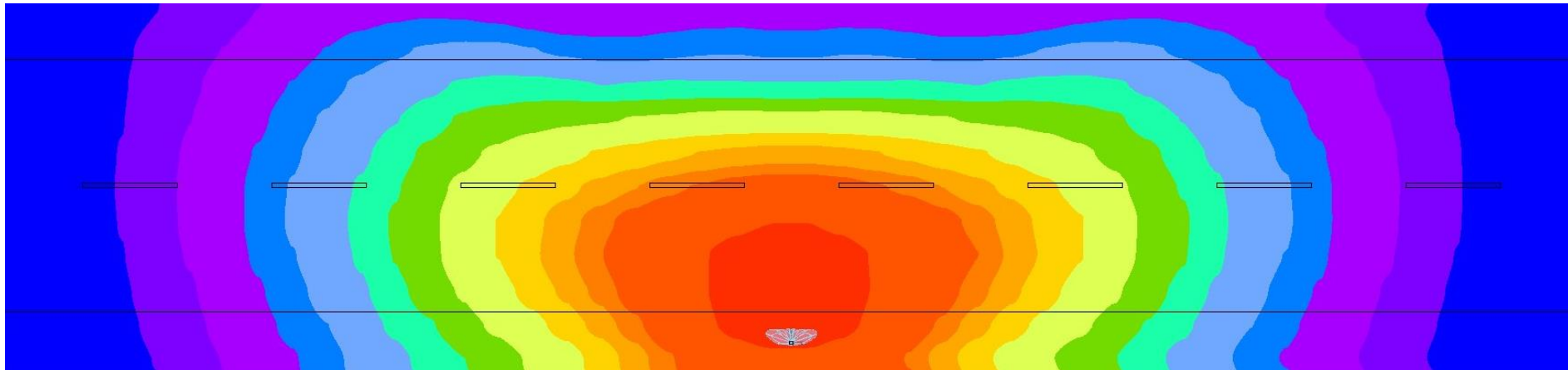
Bracket Mounted Luminaires

ASY12

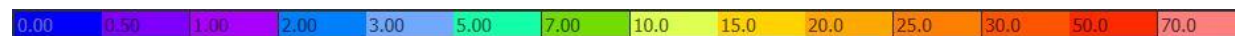


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



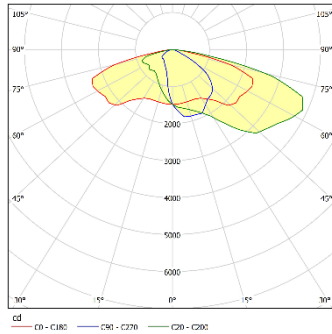
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

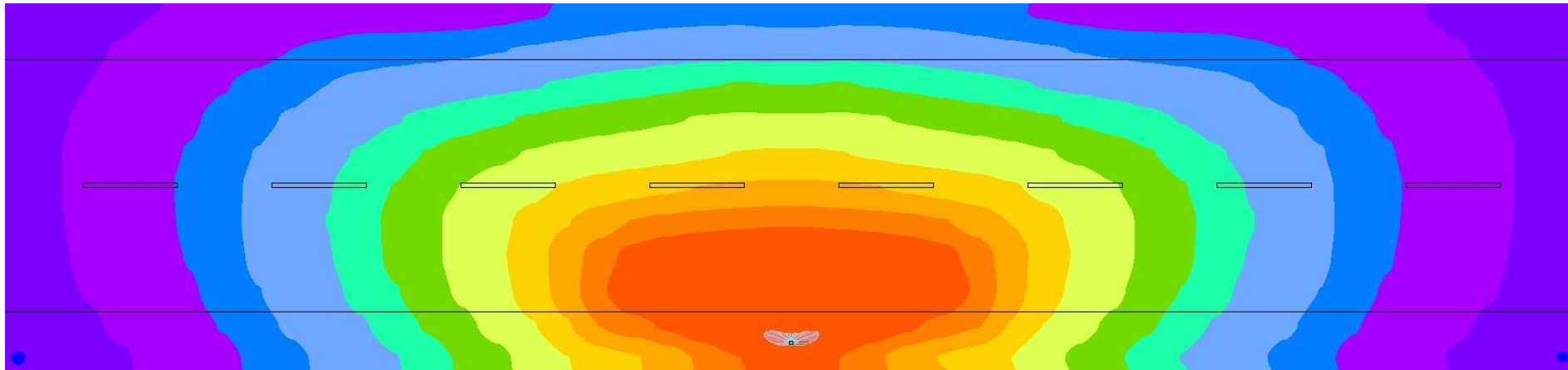
Bracket Mounted Luminaires

ASY13

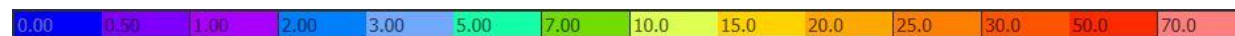


Light distribution:
Asymmetrical wide

Characteristic:
For main and residential road illumination



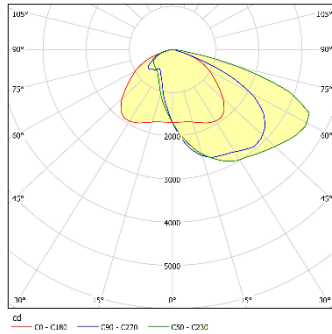
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

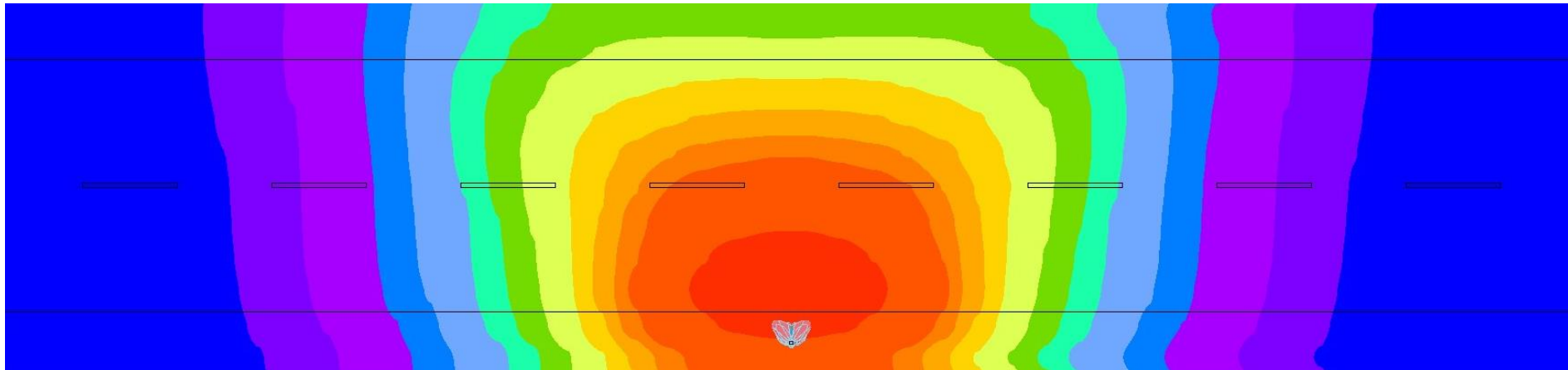
Bracket Mounted Luminaires

ASY14

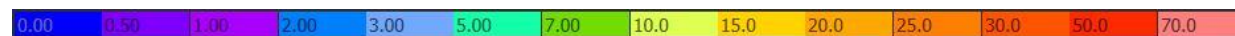


Light distribution:
Asymmetric narrow distribution

Characteristic:
For the illumination of storage areas



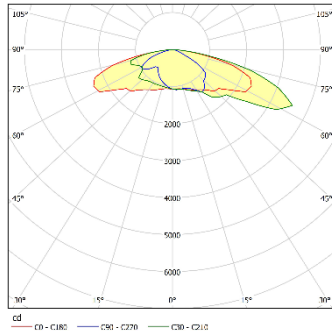
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

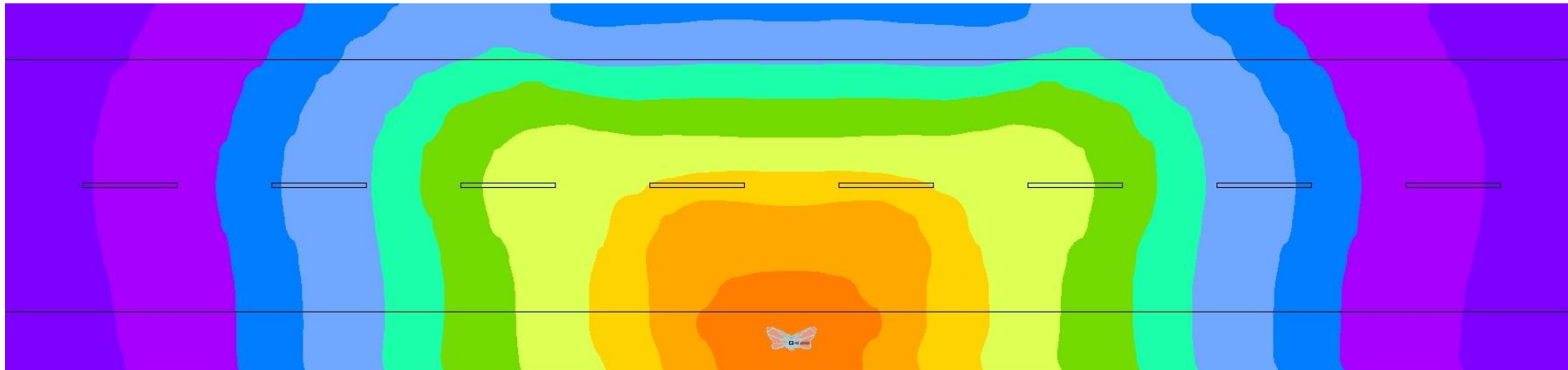
Bracket Mounted Luminaires

ASY17



Light distribution:
Asymmetrical, ultra wide distribution

Characteristic:
For large-area emergency lighting



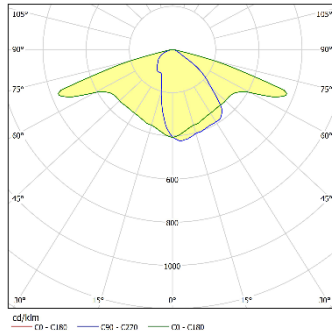
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

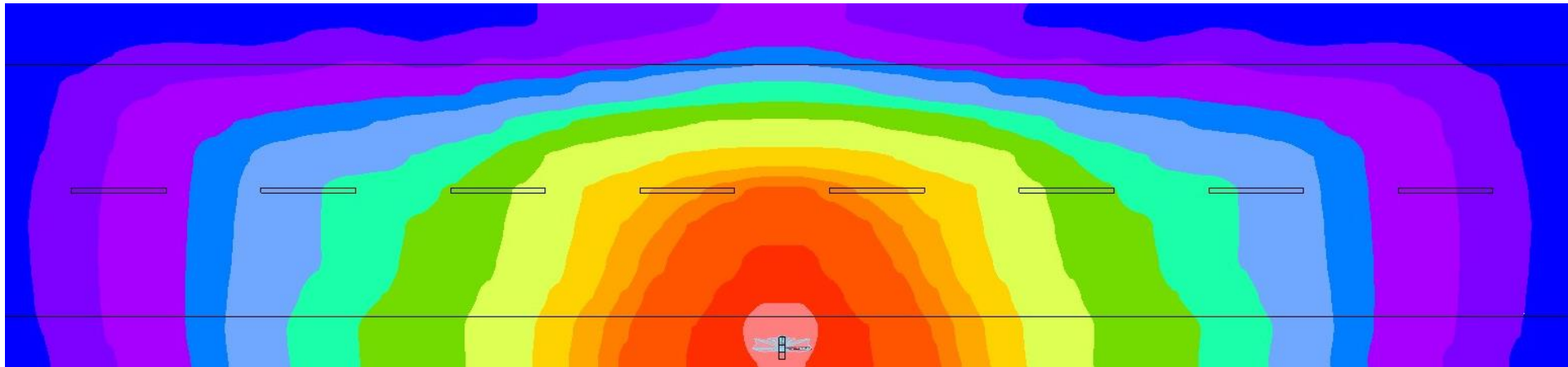
Bracket Mounted Luminaires

ASY26



Light distribution:
Asymmetrical, optimized for luminance

Characteristic:
For main road illumination



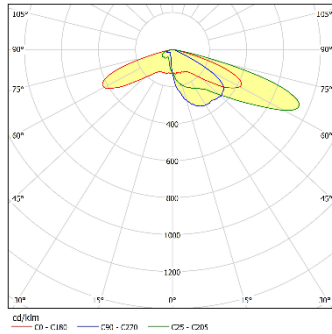
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

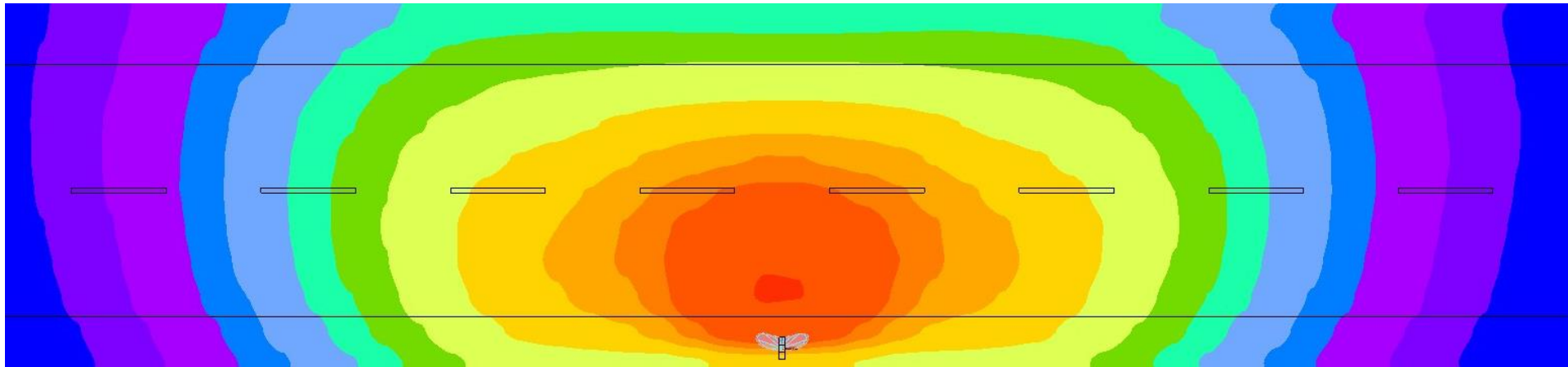
Bracket Mounted Luminaires

ASY27



Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



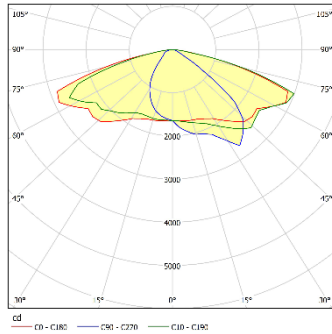
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

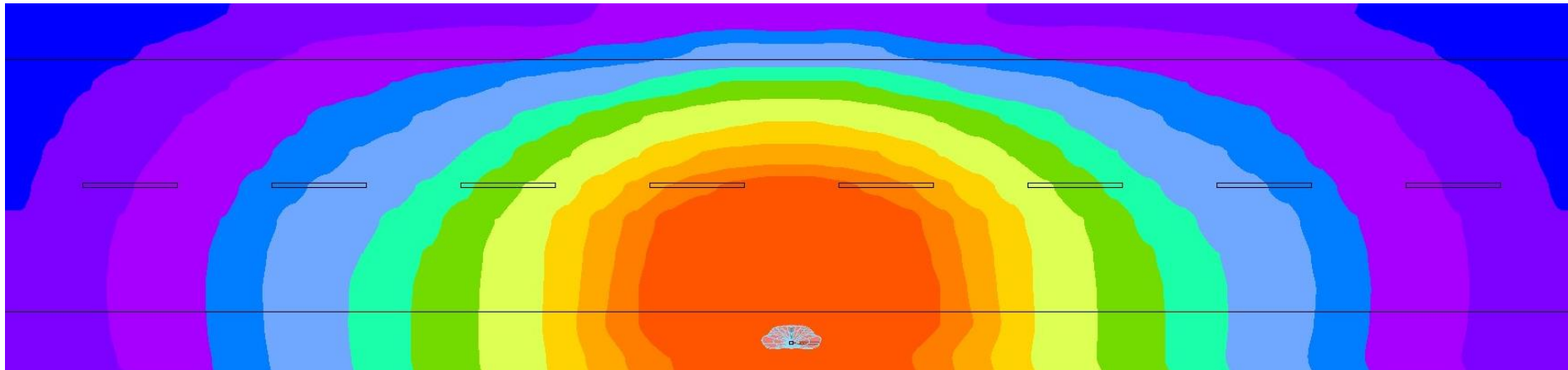
Bracket Mounted Luminaires

ASY28



Light distribution:
Asymmetrical, optimized for uniformity

Characteristic:
For lighting main roads and residential streets



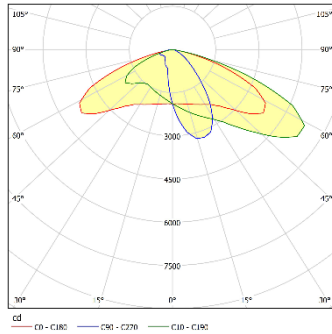
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

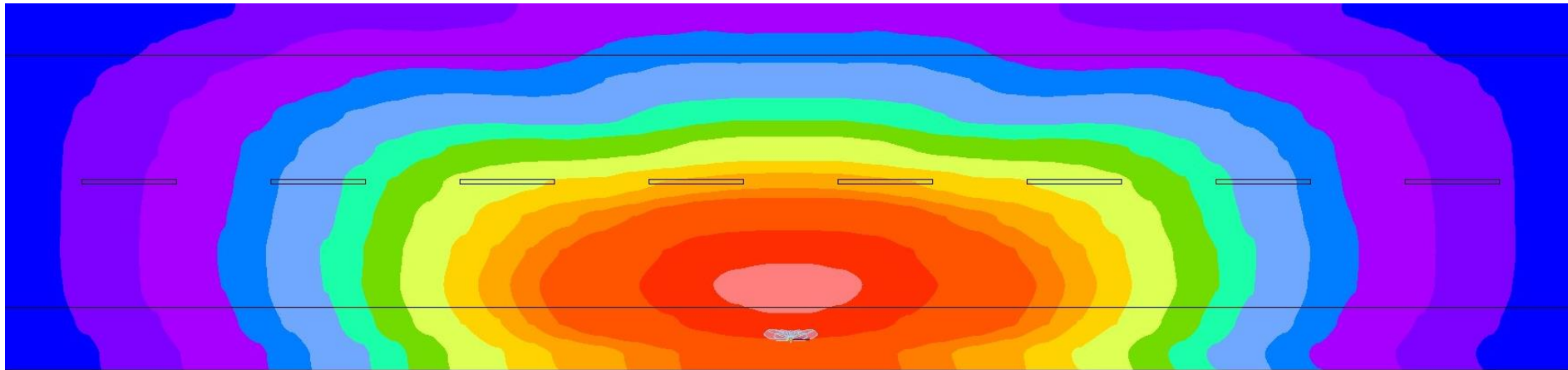
Bracket Mounted Luminaires

ASY30



Light distribution:
Asymmetrical, optimized for luminance

Characteristic:
For main road illumination



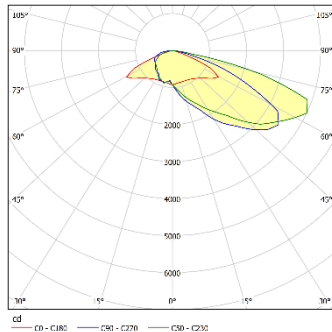
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

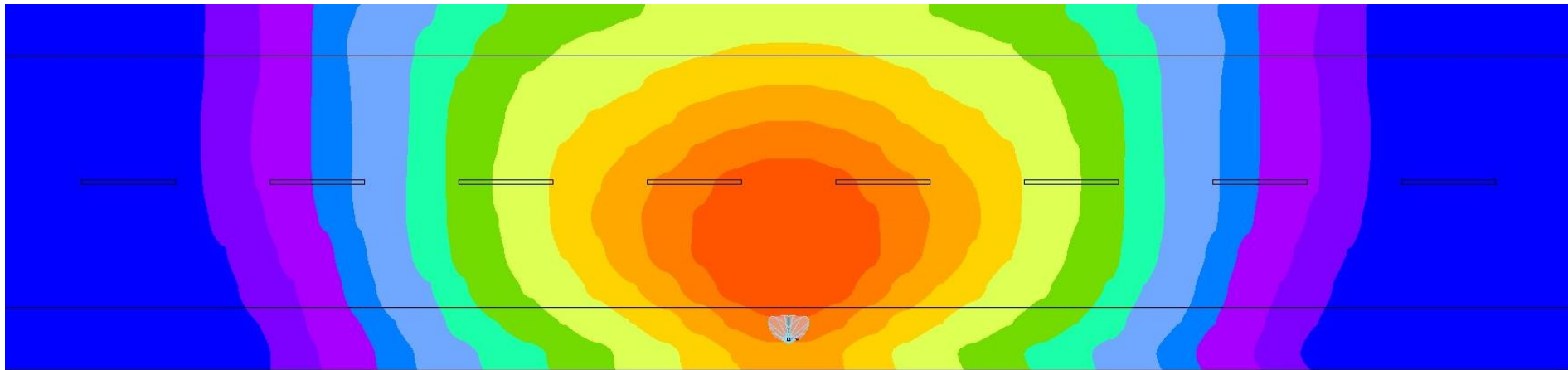
Bracket Mounted Luminaires

ASY32

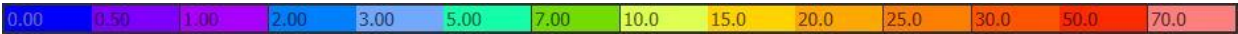


Light distribution:
Asymmetric extra narrow distribution

Characteristic:
For e.g. parking space illumination



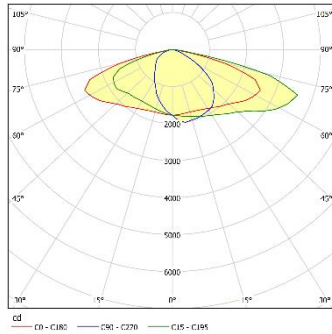
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

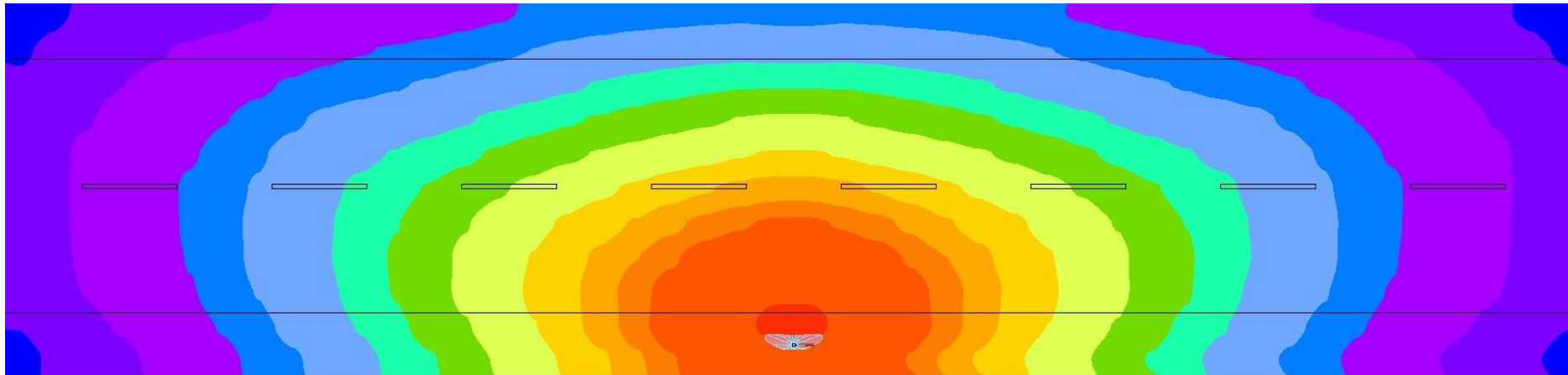
Bracket Mounted Luminaires

ASY33

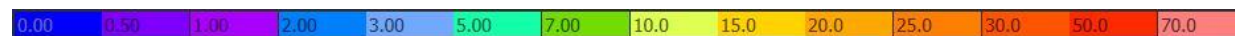


Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For illumination of main roads and residential streets



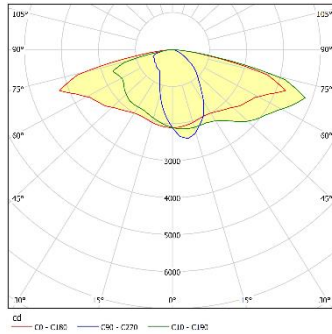
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

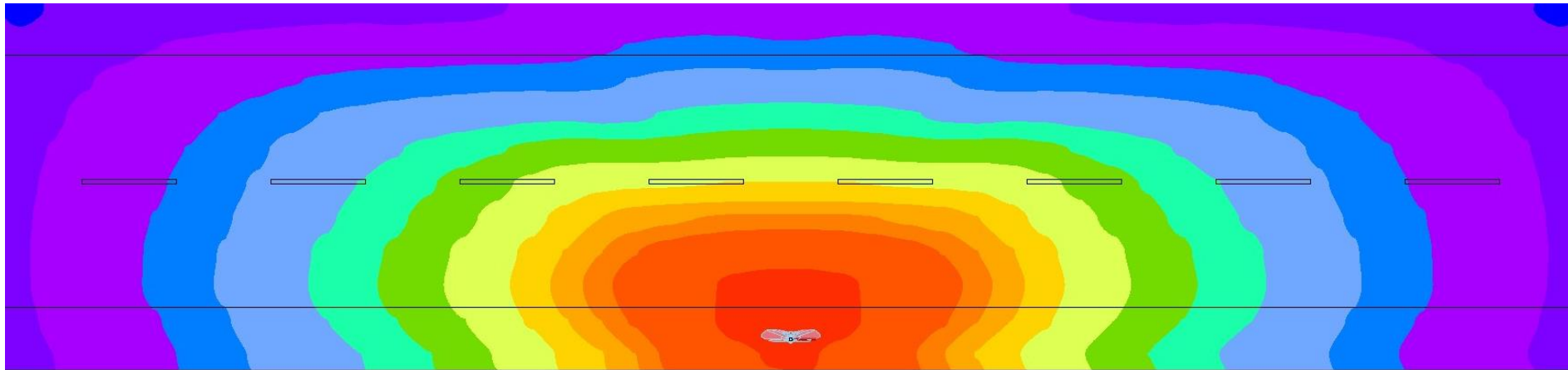
Bracket Mounted Luminaires

ASY34



Light distribution:
Asymmetrical, optimized for illuminance

Characteristic:
For main road illumination



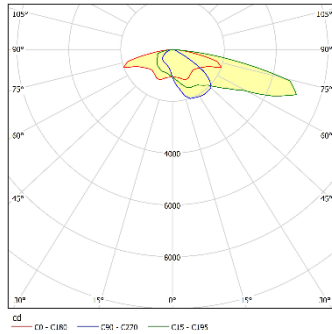
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

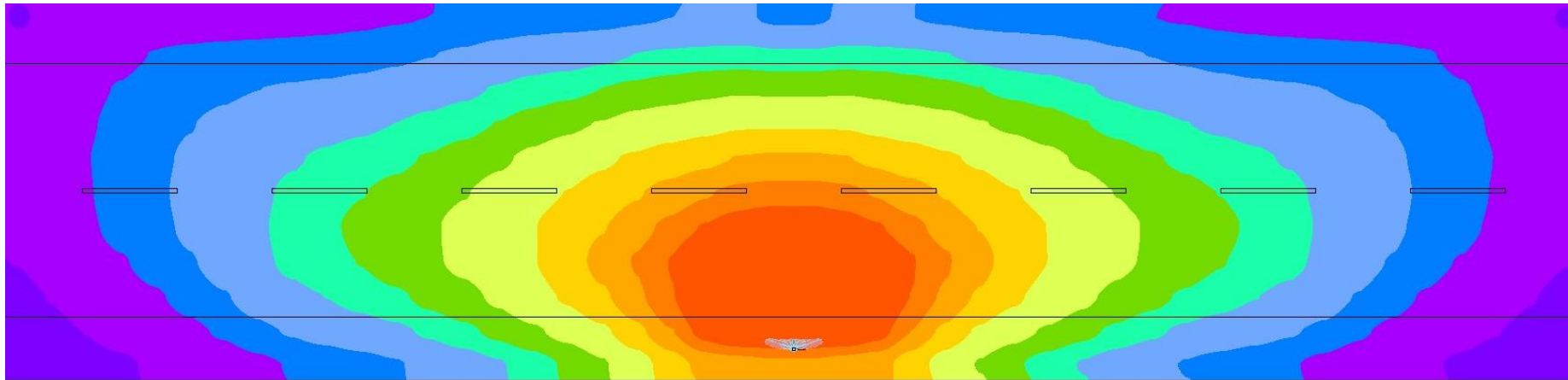
Bracket Mounted Luminaires

ASY35

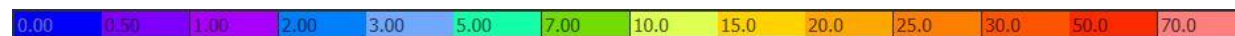


Light distribution:
Asymmetrical, extra wide distribution

Characteristic:
For illumination of main roads and residential streets



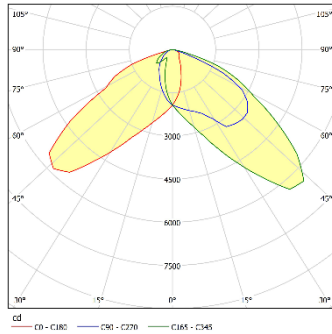
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

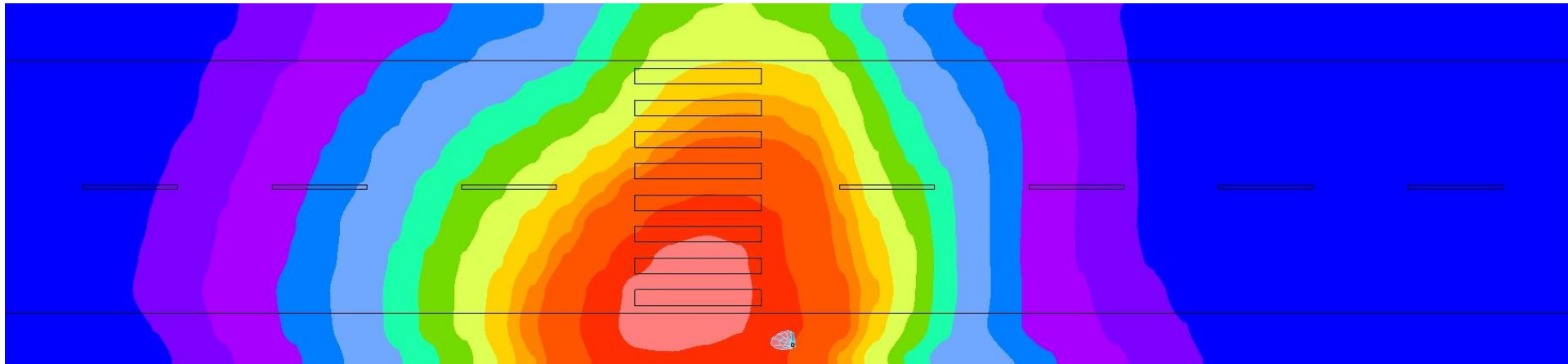
Bracket Mounted Luminaires

PCo2L

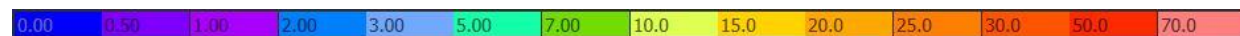


Light distribution:
Asymmetric left-beam distribution

Characteristic:
For illumination of pedestrian crossings, with left-hand traffic (C14896)



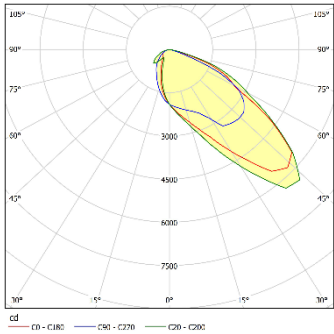
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

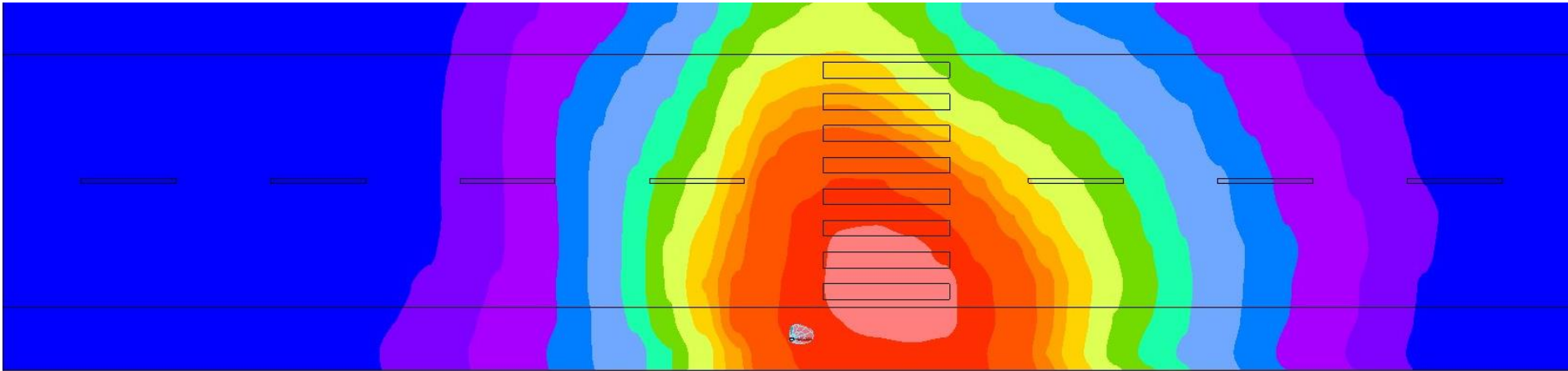
Bracket Mounted Luminaires

PCo2R

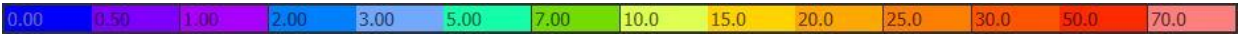


Light distribution:
Asymmetrical right-oriented

Characteristic:
For pedestrian crossing illumination



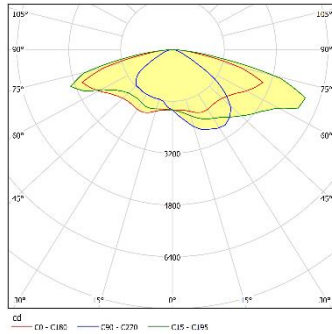
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

Bracket Mounted Luminaires

M2

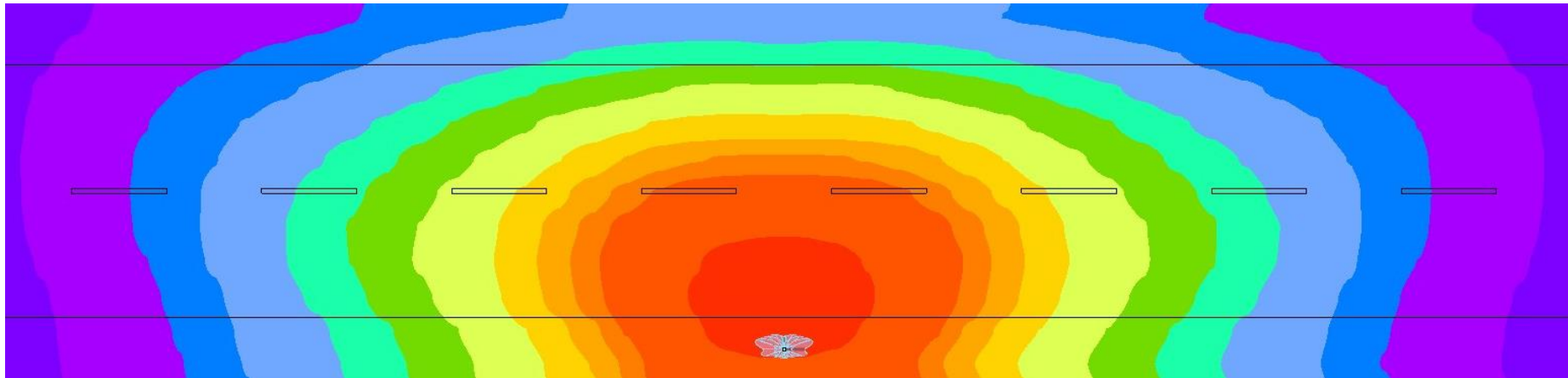


Light distribution:

Asymmetrical, narrow and wide distribution with high light component on the back

Characteristic:

For the illumination of spacious main road situations



Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m

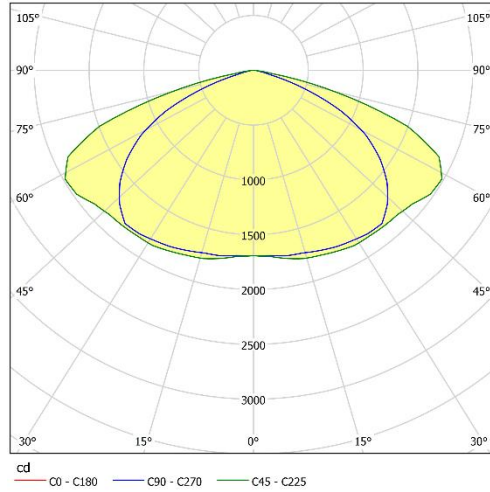


CATENARY SUSPENDED LUMINAIRES

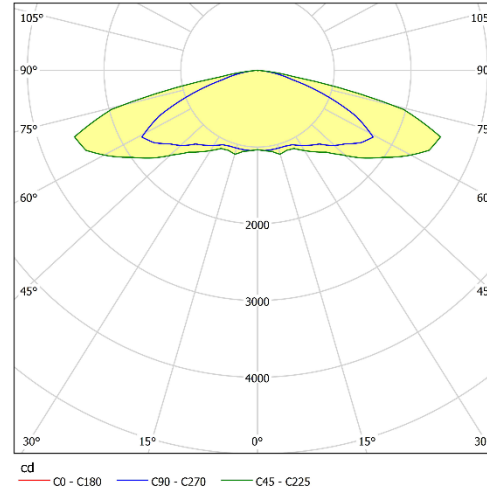
OPTICS OVERVIEW

Catenary Suspended Luminaires

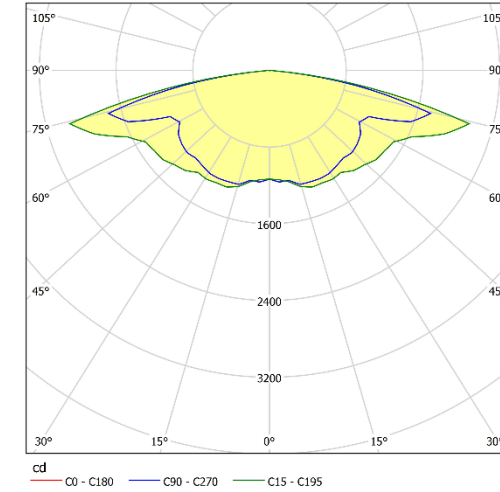
M4



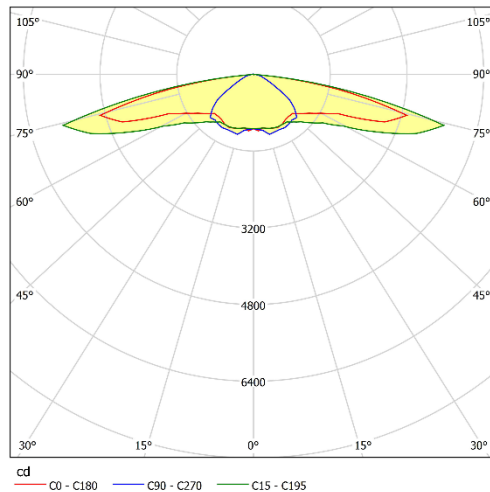
M5



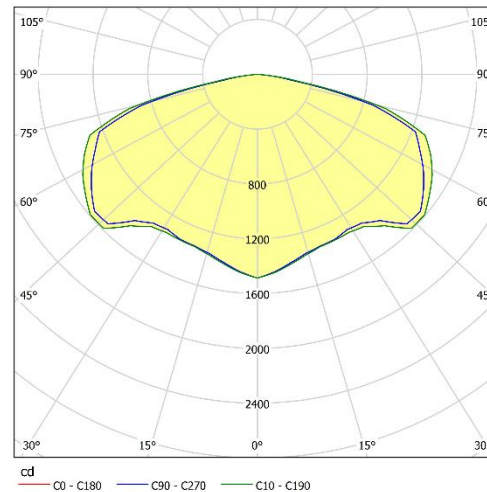
M6



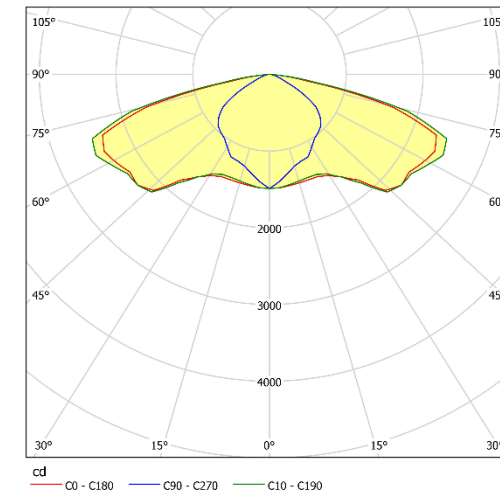
M7



M8 (equals O8)



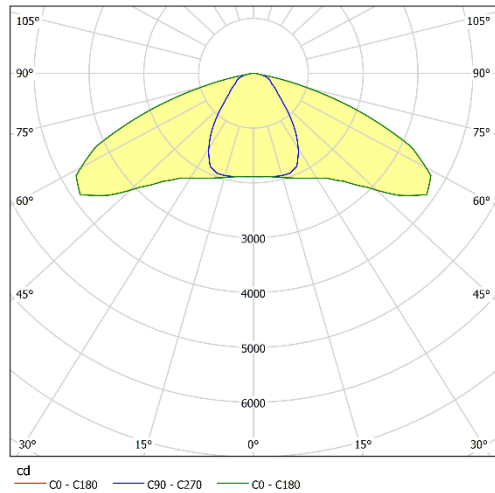
M9 (equals O9)



OPTICS OVERVIEW

Catenary Suspended Luminaires

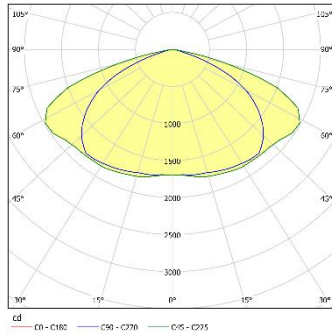
M10 (equals O10)



OPTICS OVERVIEW

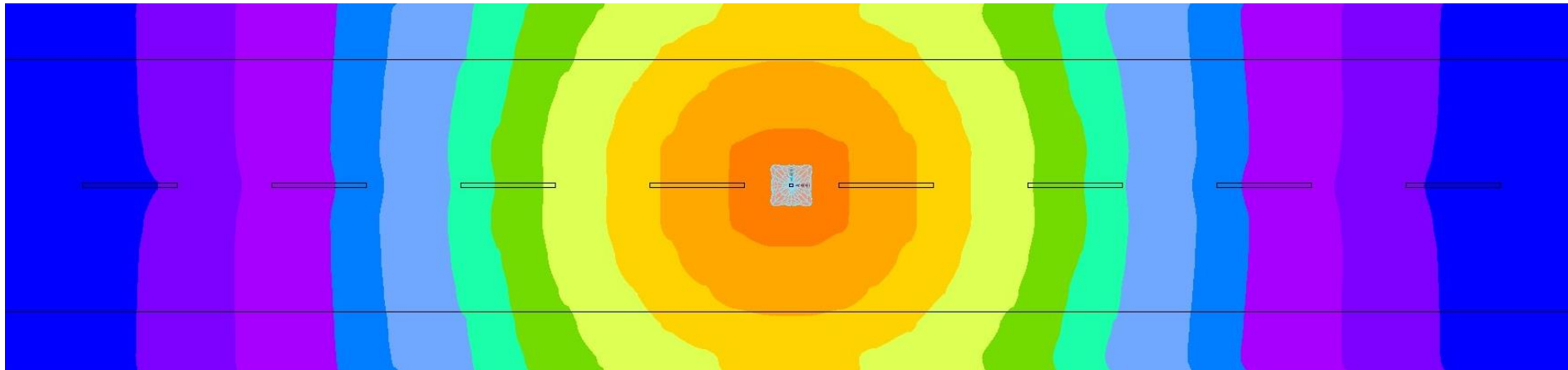
Catenary Suspended Luminaires

M4

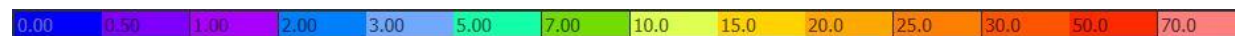


Light distribution:
Rotationally symmetrical, square

Characteristic:
For illumination of paths



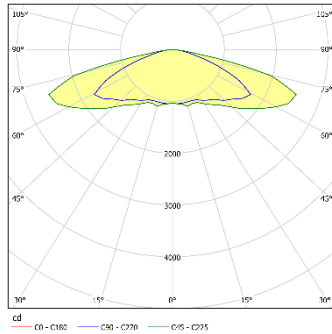
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

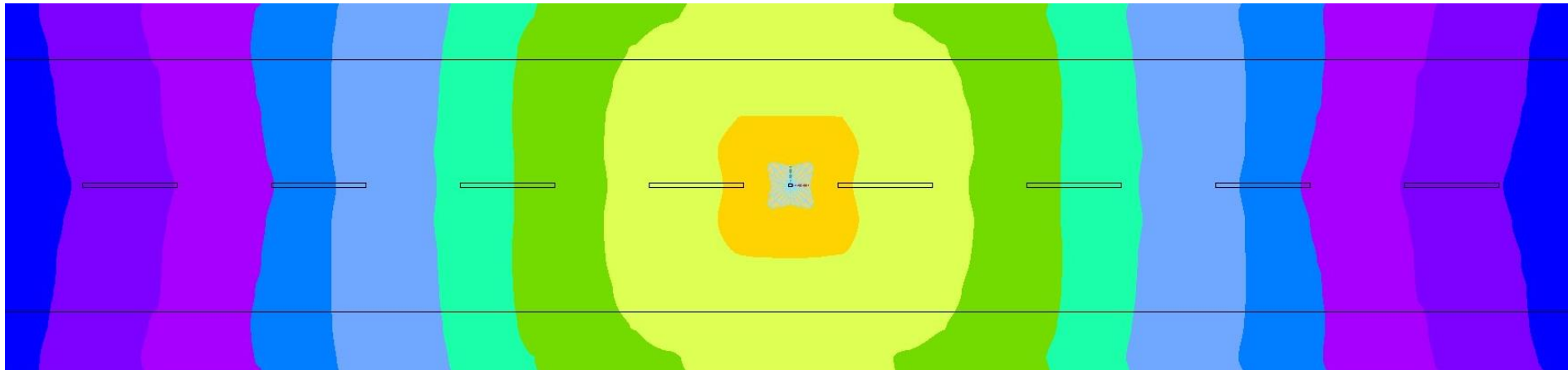
Catenary Suspended Luminaires

M5

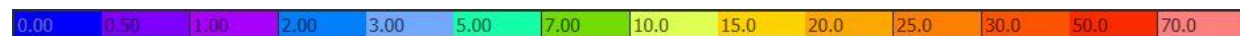


Light distribution:
Rotationally symmetrical, wide square

Characteristic:
For illumination of paths



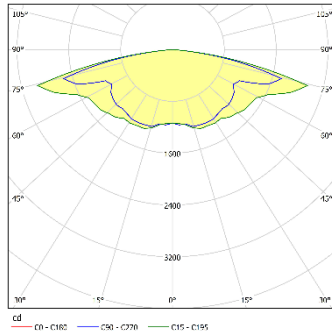
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

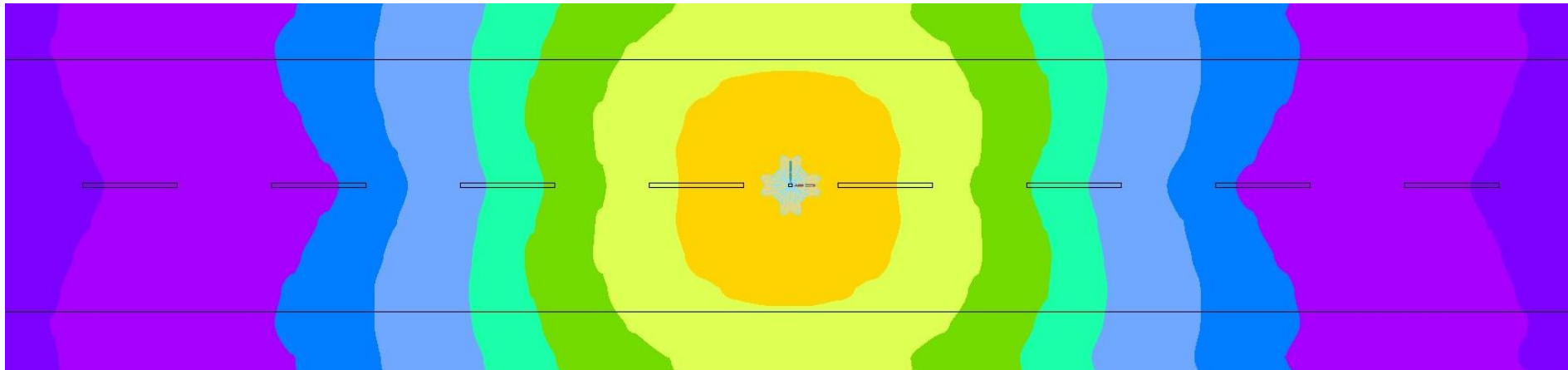
Catenary Suspended Luminaires

M6

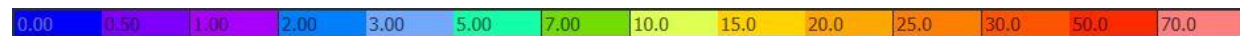


Light distribution:
Rotationally symmetrical, extra wide square

Characteristic:
For illumination of paths



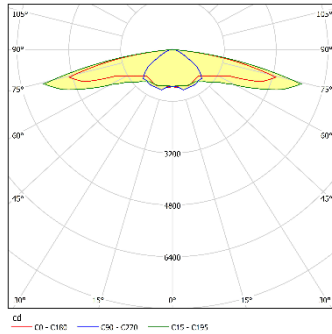
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

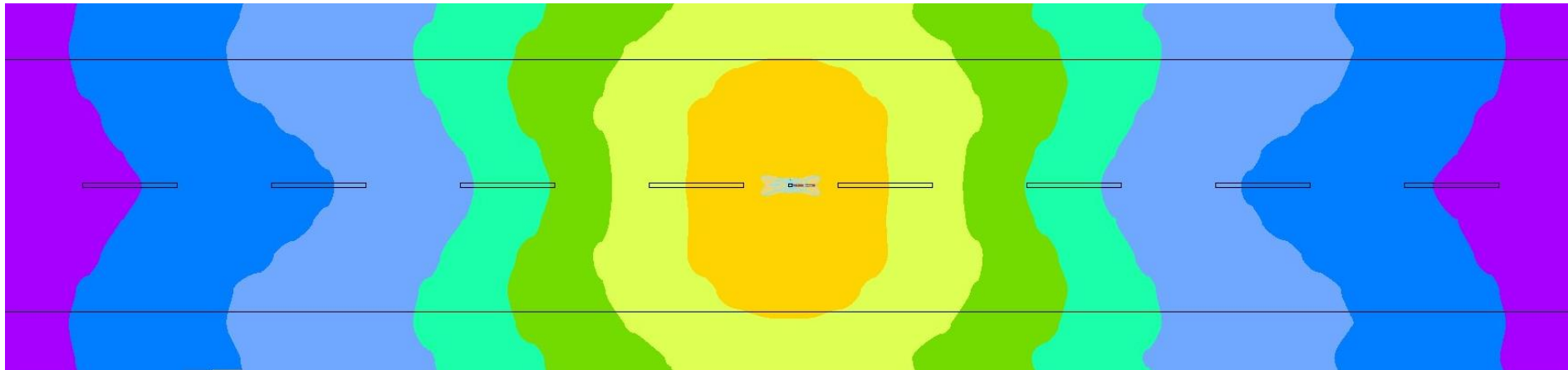
Catenary Suspended Luminaires

M7

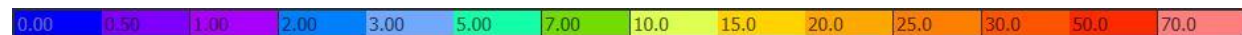


Light distribution:
Axially symmetrical, extra wide beam

Characteristic:
For main road or pedestrian zone illumination



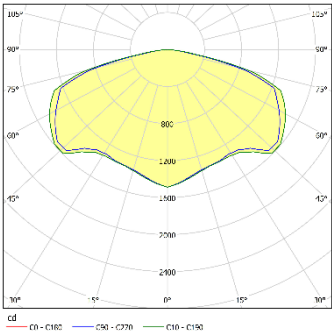
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

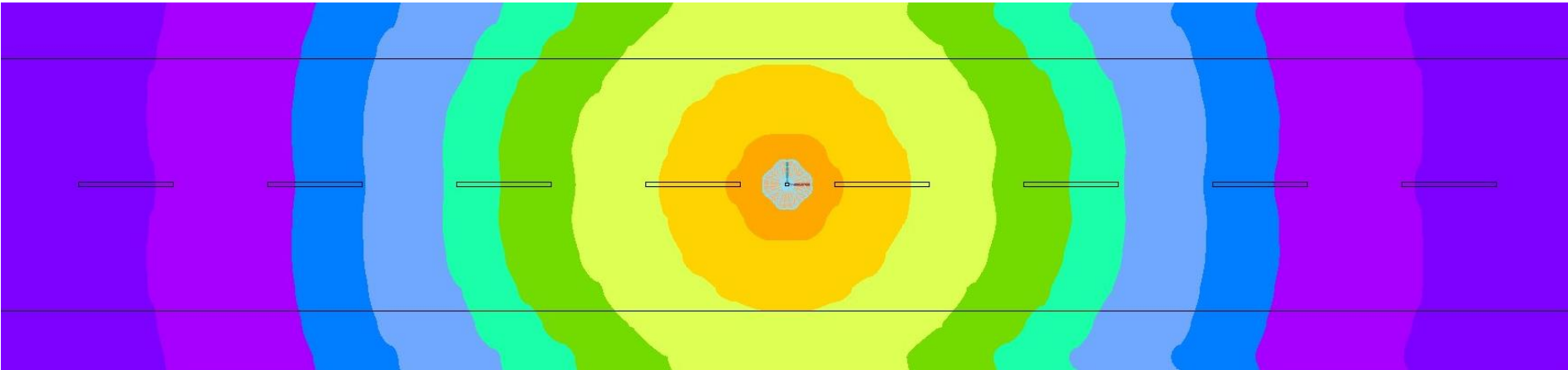
Catenary Suspended Luminaires

M8

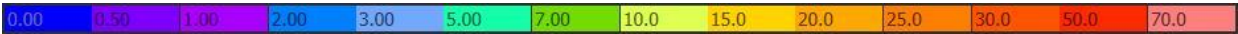


Light distribution:
Rotationally symmetric

Characteristic:
For place illuminatio



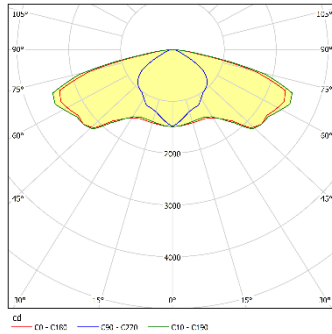
Mounting Height: 4,5m
Distance to roadway: 0,5m
Width of roadway: 4,5m
Width of walkway: 1,5m



OPTICS OVERVIEW

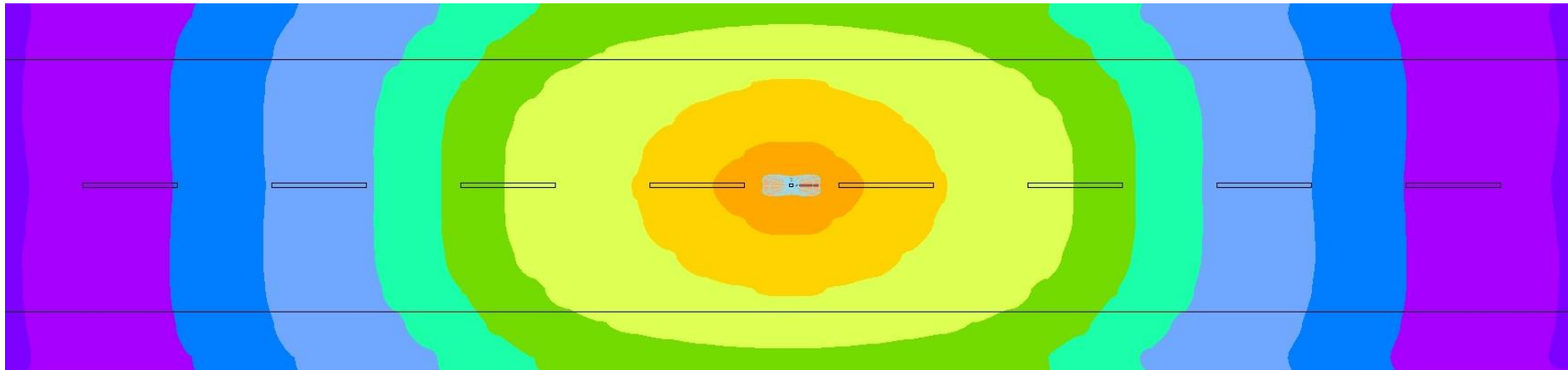
Catenary Suspended Luminaires

M9



Light distribution:
Axially symmetrical

Characteristic:
For main road or pedestrian zone illumination



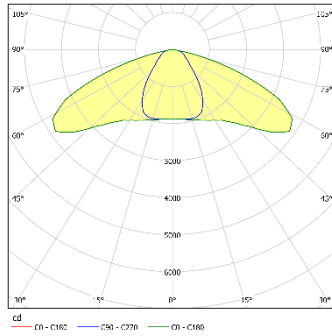
Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



OPTICS OVERVIEW

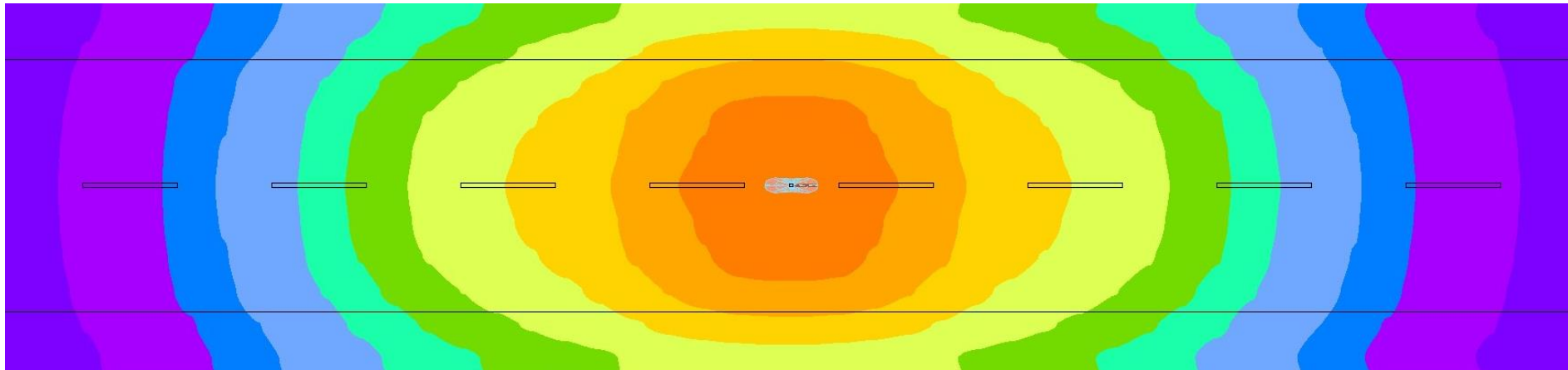
Catenary Suspended Luminaires

M10

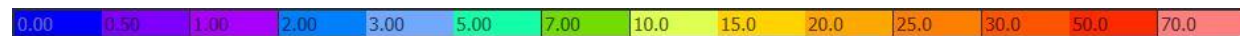


Light distribution:
Axially symmetric wide

Characteristic:
For main road illumination



Mounting Height: 4,5m
 Distance to roadway: 0,5m
 Width of roadway: 4,5m
 Width of walkway: 1,5m



THANK YOU!
